Inventory of Land Administration Systems in Europe and North America

Fourth Edition

July 2005

Produced and published by HM Land Registry, London on behalf of the UN ECE Working Party on Land Administration
Contents

1. Introduction

2. About the UNECE Working Party on Land Administration

3. Key Contacts in the WPLA

4. Summary of Responses and Key Features:
   Section A  Organisation and Government Responsibility
   Section B  Land and Title Registration
   Section C  Cadastral and Topographical Mapping Systems
   Section D  Land Use Recording systems

5. Country responses to Questionnaire:
   Section A  
               Organisation and government responsibility
   Section B  Land and Title Registration
   Section C  Cadastral and Topographical Mapping Systems
   Section D  Land Use Recording Systems
Introduction

Land Administration Inventory for the UN ECE Region

This is the 4th Edition of the Inventory of Land Administration systems for the region of the United Nations Economic Commission for Europe. The Inventories are now established as an authoritative source of information on Land Administration systems and organisations across member states of the ECE. The development of land administration systems in member states can be traced through the successive Editions of the Inventory over the last nine years.

This edition of the Inventory includes information from 50 separate jurisdictions in 42 ECE countries (including Canada). It includes much new or revised information from the majority of countries. Every effort has been made to verify, with contributing countries, the accuracy of the information presented. I am grateful to all those people in WPLA and across the ECE region who have so readily co-operated in providing information.

Publication reflects one of the main aims of the UNECE Working Party on Land Administration (UNECE WPLA). It brings together information about land administration systems for the benefit of all who are engaged in developing systems of land registration and cadastre, mapping and land use in the countries of the ECE and beyond. The Inventory will be available on the UNECE Web Site http://www.unece.org/env/hs/wpla/welcome.html

The Inventory has been financed and published by HM Land Registry in London on behalf of and with the support of the Working Party on Land Administration. I am most grateful to my colleagues in London for their assistance in preparing the Inventory especially to Ted Beardsall the UK representative on the Bureau of the WPLA who has promoted this Study and to John Richardson of the LR International Unit in London who has liaised with countries and compiled the country tables.

I hope that this Edition of the Inventory will contribute to a wider understanding of systems and developments in member states of the ECE and continue to facilitate professional contact and the sharing of expertise.

If you do have any comments or enquiries please contact either John Richardson or myself at the address below.

HM Land Registry
32 Lincoln’s Inn Fields
LONDON WC2A 3PH
England

John Manthorpe
(on behalf of UN ECE WPLA)

July 2005

(John Richardson)
Tel: (0044) 207 166 4601
email: john.richardson@landregistry.gsi.gov.uk

(John Manthorpe)
Tel: (0044) 1825 712 705
email: landman@dircon.co.uk
About the UNECE Working Party on Land Administration

The ECE was the first international organization, which defined and addressed the issue of land administration in Europe in a comprehensive manner.

The Working Party on Land Administration is a forum of senior, expert officials from land registration and cadastral organisations in ECE member states. It functions under the auspices of the Committee on Human Settlements of the United Nations Economic Commission for Europe. Its principal areas of activity, research and development, policy exchange and advice relate to legislative, institutional, financial, procedural and technical issues of land administration systems.

The Working Party continues to build a European-wide knowledge base and has researched land administration systems across the ECE region. It undertakes a continuing series of practical workshops on specific topics and has published a number of guidelines; inventories and other papers to assist the development of land administration systems in the ECE member states. It has undertaken Land Administration Reviews in Armenia, Georgia, Russian Federation and Lithuania providing specialist analysis and advice on land administration developments.

Further details are available from its Web Page http://www.unece.org (under Human Settlements) or from the United Nations, Economic Commission for Europe, Human Settlements Division, Palais des Nations, CH-1211 GENEVA 10, Switzerland. Telephone No + +41 22 917 2374 Fax No + +41 22 907 0107
<table>
<thead>
<tr>
<th>Chairperson</th>
<th>Vice-Chairperson</th>
<th>Secretary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bengt Kjellson</td>
<td>Alexey Overchuk</td>
<td>Guennadi Vinogradov</td>
</tr>
<tr>
<td>Director</td>
<td>Deputy Chief</td>
<td>UN Secretariat</td>
</tr>
<tr>
<td>Lantmateriet</td>
<td>Federal Agency for</td>
<td>Committee on Human Settlements</td>
</tr>
<tr>
<td>Se 801-82</td>
<td>Immoveable Property</td>
<td>United Nations</td>
</tr>
<tr>
<td>Gavle</td>
<td>Cadastre</td>
<td>Palais des Nations</td>
</tr>
<tr>
<td>SWEDEN</td>
<td>Moscow Prospect</td>
<td>8-14 Avenue de la Paix</td>
</tr>
<tr>
<td></td>
<td>Vernadsgko 37-2</td>
<td>1211 Geneva 10</td>
</tr>
<tr>
<td></td>
<td>RUSSIAN FEDERATION</td>
<td>SWITZERLAND</td>
</tr>
</tbody>
</table>

| + 46 26 63 4941     | +7 (095) 930 7351         | +41 22 917 23 74                        |
| bengt.kjellson@lm.se | alo@fccland.ru           | Guennadi.vinogradov@unece.org          |

For questions on this Report:

John Manthorpe  
Land Registry  
32 Lincoln’s Inn Fields  
LONDON  
WC2A 3PH  
UNITED KINGDOM

Tel +44 1825 71 27 95  
Email landman@dircon.co.uk
Organisation and Government responsibility

The names, addresses, telephone and fax numbers, and email addresses of all respondents and organisations responsible for

- Land Registration
- Cadastral and Topographical Mapping
- Land Use

are shown where these exist. Responsibility for Land Administration functions may be under one government Ministry but are often split between different organisations. In the majority of cases responsibility lies either with the Ministries of Justice, Finance, Agriculture, Environment or a Department of Lands. In some instances the Council of Ministers or State Committee is directly responsible.

The Inventory includes information from the following 49 jurisdictions in 41 countries:

Albania Armenia* Austria*
Azerbaijan Belarus* Bosnia and Hercegovina
Bulgaria Croatia Cyprus
Czech Republic Denmark Estonia*
Finland* France Georgia*
Germany* Greece* Hungary
Iceland Ireland* Italy*
Latvia* Liechtenstein* Lithuania*
Luxembourg FYRO Macedonia# Malta
Netherlands* Norway* Poland
Portugal* Republic of Moldova Romania*
Russian Federation* San Marino Slovak Republik*
Serbia & Montenegro* Slovenia* Spain*
Sweden* Switzerland Turkey

United Kingdom:

England and Wales* Northern Ireland Scotland*

Canada: the Provinces of:

Alberta* British Columbia* Manitoba*
New Brunswick* Ontario* Prince Edward Island
Saskatchewan*

*Contains new information from these jurisdictions. Information for other jurisdictions remains as in 2001 Edition of Inventory

# Former Yugoslav Republic of Macedonia
Section B

Land and Title Registration

Land registration systems operate throughout the world as the legal basis of recording, with certainty, the ownership and other legal rights in and over land. Such systems provide the machinery for confident property transfer, the operation of a secure mortgage market and protections for the citizen. The effective operation of land and title registration systems are fundamental to successful market economies providing confidence for private ownership and property transfer and, as a consequence, engendering social stability.

Information from countries indicate how aspects of registration systems vary. The majority are map based, some backed by a state guarantee, others record the existence and priority of documents of transfer and mortgage.

The chart opposite indicates key features of the various systems functioning throughout countries of the ECE.
## Key Features of Land Registration systems

(Percentages from responding countries)

<table>
<thead>
<tr>
<th>Feature</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Land Ownership recorded on the land register</td>
<td>100%</td>
</tr>
<tr>
<td>Legal rights recorded on the land register</td>
<td>100%</td>
</tr>
<tr>
<td>Mortgages and secured loans on the register</td>
<td>90%</td>
</tr>
<tr>
<td>Land purchase price on the register</td>
<td>90%</td>
</tr>
<tr>
<td>Land register backed by state guarantee</td>
<td>85%</td>
</tr>
<tr>
<td>Land registers wholly or partly computerised</td>
<td>86%</td>
</tr>
<tr>
<td>A system exists to protect priority of registrations</td>
<td>81%</td>
</tr>
<tr>
<td>Registers wholly open to public inspection</td>
<td>63%</td>
</tr>
<tr>
<td>Registers open but with restrictions</td>
<td>41%</td>
</tr>
<tr>
<td>System administered nationally</td>
<td>58%</td>
</tr>
<tr>
<td>System administered regionally</td>
<td>45%</td>
</tr>
<tr>
<td>System financed by customers fees</td>
<td>36%</td>
</tr>
<tr>
<td>System financed by government</td>
<td>21%</td>
</tr>
<tr>
<td>Financed by both customers fees and government funding</td>
<td>46%</td>
</tr>
</tbody>
</table>
Summary of Responses

Section C

Cadastral and Topographical Mapping Systems

Some land administration systems utilise a topographical map showing physical ground features for the recording of boundaries of land and title registration. Others use cadastral maps which may not necessarily record the physical land features but precisely fix ownership boundaries by reference to co-ordinates related to a geodetic network. Responses to the questions relating to survey, mapping and the recording of boundaries demonstrate the diversity of systems in operation throughout member states of the Economic Commission of Europe. All achieve the same end: a system that provides security of ownership, facilitates property transfer and supports a secure mortgage and loan market. National mapping to high geodetic and topographic standards is the basis for effective land administration systems incorporating land registration, land valuation, and land use.

The chart opposite indicates key features of the various systems functioning throughout countries of the ECE.
### Key features of Cadastral and Topographical Mapping Systems

(Percentages from responding countries)

<table>
<thead>
<tr>
<th>Feature</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete Geodetic Networks support land administration</td>
<td>96%</td>
</tr>
<tr>
<td><strong>Cadastral</strong> map supports land administration</td>
<td>73%</td>
</tr>
<tr>
<td><strong>Topographical</strong> map supports land administration</td>
<td>27%</td>
</tr>
<tr>
<td>Cadastral and Topo map</td>
<td>13%</td>
</tr>
<tr>
<td>Land registration systems map based</td>
<td>86%</td>
</tr>
<tr>
<td>Percentage of land mass mapped</td>
<td>83%</td>
</tr>
<tr>
<td>Complete digital map coverage</td>
<td>30%</td>
</tr>
<tr>
<td>Partial digital map coverage</td>
<td>69%</td>
</tr>
<tr>
<td>Survey and mapping administered at national level</td>
<td>54%</td>
</tr>
<tr>
<td>Survey and mapping administered regionally</td>
<td>48%</td>
</tr>
<tr>
<td>Cornerpoints surveyed on new boundaries and new developments</td>
<td>80%</td>
</tr>
<tr>
<td>Registered boundaries precisely defined by co-ordinates</td>
<td>83%</td>
</tr>
<tr>
<td>Photogrammetry supports national survey</td>
<td>79%</td>
</tr>
<tr>
<td>GPS supports national survey</td>
<td>48%</td>
</tr>
<tr>
<td>Private surveying companies used exclusively</td>
<td>36%</td>
</tr>
<tr>
<td>Public sector surveyors used exclusively</td>
<td>17%</td>
</tr>
<tr>
<td>Both private and public sector surveyors used</td>
<td>48%</td>
</tr>
<tr>
<td>National Mapping wholly financed by government</td>
<td>38%</td>
</tr>
<tr>
<td>National Mapping financed partly by government and partly by customer fees</td>
<td>64%</td>
</tr>
</tbody>
</table>
Section D

Land Use Recording Systems

One of the most important features of effective land administration systems is the maintenance of authoritative information on land use and the characteristics and attributes of land. The extent to which comprehensive systems have developed throughout the ECE varies. This section of the Inventory indicates the relative position.

Information is collected:
- Through the mapping system
- By field surveying and inspection
- By aerial survey
- Through administrative systems

The following land use classifications are used:
- residential
- commercial
- industrial
- agricultural
  
  *arable forest*
- public use
- unused land
- fisheries
- water
- railways
  
  . . . . . and others

The chart opposite indicates key features of the various systems functioning throughout countries of the ECE.
### Key features of land use recording systems

(Percentages from responding countries)

<table>
<thead>
<tr>
<th>Feature</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Land Use is recorded and classified</td>
<td>91%</td>
</tr>
<tr>
<td>Records maintained by government</td>
<td>74%</td>
</tr>
<tr>
<td>Maintained by regions or municipalities</td>
<td>17%</td>
</tr>
<tr>
<td>Records maintained by research institutes</td>
<td>11%</td>
</tr>
<tr>
<td>Countries with a unified system for information collection</td>
<td>91%</td>
</tr>
<tr>
<td>Records held wholly or partly in computer format</td>
<td>85%</td>
</tr>
<tr>
<td>Records financed wholly by government</td>
<td>75%</td>
</tr>
<tr>
<td>Financed partly by government and partly by fees</td>
<td>27%</td>
</tr>
<tr>
<td>Information wholly available to the public</td>
<td>100%</td>
</tr>
</tbody>
</table>
## Organisation and Government Responsibility

### Section A

#### Name and Address of responsible organisation(s):

<table>
<thead>
<tr>
<th>Albania</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>Land Title Registration</strong> (Registration of rights of ownership, mortgages etc.)</th>
<th><strong>National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries</strong></th>
<th><strong>Land Use</strong></th>
</tr>
</thead>
</table>
| Address | Central Office of Immovable Property Registration  
Rruga "Jordan Misja”  
Ish-Godina Elektroteknike  
Tirane Albania | (There is an ongoing project on the surveying and updating of parcel boundaries) |  |
| Telephone Number | + 355 42 34419  
+ 355 42 34308 | + 355 42 34419  
+ 355 42 34308 |  |
| Fax Number | + 355 42 34419 | + 355 42 23296 |  |
| E Mail Address | nmpsrpp.gov.al |  |  |
| Contact Name | Council of Ministers |  |  |
| Ministry responsible | Council of Ministers | Ministry of Agriculture and Food, Central Office of Immovable Property Registration |  |
### Armenia

<table>
<thead>
<tr>
<th>Section</th>
<th>Land Title Registration (Registration of rights of ownership, mortgages etc.)</th>
<th>National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries</th>
<th>Land Use</th>
</tr>
</thead>
</table>
| **Name and Address of responsible organisation(s):** | The State Committee of the Real Property Cadastre of the Government  
7 Arshakunjats Street  
Yerevan | As for Land Title Registration                                               | As for Land Title Registration |
| Address                         | (3741) 587828                                                             | *E Mail Address*  
unicad@arminco.com | |
| Telephone Number                | (3741) 526562                                                             | *Internet Home Page Address*  
http://www.cadastre.am/ | |
| Fax Number                      |                                                                            | *Contact Name*  
Hayk Sahakyan | |
| E Mail Address                  |                                                                            | *Ministry responsible*  
The State Committee of the Real Property Committee of the Government | |
## Organisation and Government Responsibility

**Section A**

**Land Title Registration (Registration of rights of ownership, mortgages etc.)**

<table>
<thead>
<tr>
<th>Organisation</th>
<th>Address</th>
<th>Telephone Number</th>
<th>Fax Number</th>
<th>E Mail Address</th>
<th>Internet Home Page Address</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Austria</strong></td>
<td>Ministry of Justice, Neustiftgasse 2, A - 1070 Vienna</td>
<td>+43/1/52152-2275</td>
<td>+43/1/52152-2275</td>
<td><a href="mailto:guenter.auer@bmj.gv.at">guenter.auer@bmj.gv.at</a></td>
<td><a href="http://www.bmj.gv.at">www.bmj.gv.at</a></td>
</tr>
</tbody>
</table>

**National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries**

- Federal Office for Metrology and Surveying (BEV)* Schifffamtsgasse 1-3, A-1025 Vienna
- +43/1/21176-4700
- geomugg@gmx.at
- http://www.bev.gv.at/

**Land Use**

- **BEV** = Austrian Cadastre
- Land Use: BEV
- Land use data are maintained within the National Candastre updated by aerial images and terrestrial methods

- Land Use Planning: Physical planning, Urban Planning done by municipalities (communities)
## Organisation and Government Responsibility

### Section A

**Name and Address of responsible organisation(s):**

<table>
<thead>
<tr>
<th>Organisation</th>
<th>Address</th>
<th>Telephone Number</th>
<th>Fax Number</th>
<th>E Mail Address</th>
<th>Internet Home Page Address</th>
<th>Contact Name</th>
<th>Ministry responsible</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Azerbaijan</strong></td>
<td>The National Land Committee (NLC) of the Republic of Azerbaijan, Baku</td>
<td>322935, 322159, 322965</td>
<td></td>
<td></td>
<td></td>
<td>NLC</td>
<td>NLC</td>
</tr>
<tr>
<td></td>
<td>NLC and National Institute for Land Use (“Azgipromzem”), Baku, A Alekperov St., 93a</td>
<td>322965, 323440</td>
<td></td>
<td></td>
<td></td>
<td>NLC and Azgipromzem</td>
<td>NLC</td>
</tr>
<tr>
<td></td>
<td>NLC and National Institute for Land Use (“Azgipromzem”), Baku, A Alekperov St., 93a</td>
<td>322965, 323440</td>
<td></td>
<td></td>
<td></td>
<td>NLC and Azgipromzem</td>
<td>NLC</td>
</tr>
</tbody>
</table>
## Organisation and Government Responsibility

Name and Address of responsible organisation(s):

<table>
<thead>
<tr>
<th>Belarus</th>
<th>Land Title Registration (Registration of rights of ownership, mortgages etc.)</th>
<th>National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries</th>
<th>Land Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>National Cadastre Agency (Registration of Immovable Property, rights of ownership, mortgages)</td>
<td>National Cadastre Agency</td>
<td>National Cadastre Agency</td>
</tr>
<tr>
<td>Telephone Number</td>
<td>375 +017 2853926</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fax Number</td>
<td>375 +017 2853926</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E Mail Address</td>
<td><a href="mailto:nca@nca.by">nca@nca.by</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Internet Home Page Address</td>
<td><a href="http://www.nca.by">www.nca.by</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contact Name</td>
<td>Sergei Shavrov, Director</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ministry responsible</td>
<td>State Committee for Land Recourse, Geodesy and Cartography Subordinated to the Government</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>Address</td>
<td>Telephone Number</td>
<td>Fax Number</td>
</tr>
<tr>
<td>------</td>
<td>---------</td>
<td>------------------</td>
<td>------------</td>
</tr>
<tr>
<td>Federation of Bosnia and Herzegovina Ministry of Justice</td>
<td>Sarajevo, Valtera Perica 15</td>
<td>+387 33 666 971</td>
<td>+387 33 666 971</td>
</tr>
<tr>
<td>Republic Serbs Ministry of Justice</td>
<td>Banja Luka, U1. Vuka Karadzica 4</td>
<td>+387 51 218 835</td>
<td>+387 51 218 847</td>
</tr>
<tr>
<td>Federation of Bosnia and Herzegovina Federal Geodesy and Property - Judicial Office</td>
<td>Sarajevo, U1. Reisa Dz. Causevica 6</td>
<td>+387 33 264 450</td>
<td>+387 33 471 469</td>
</tr>
<tr>
<td>Republic Serbs Administration for Geodetic and Real Property Affairs</td>
<td>Banja Luka, U1. Pete Kozarske brigade 18</td>
<td>+387 51 304 952</td>
<td>+387 51 304 952</td>
</tr>
<tr>
<td>Federation of Bosnia and Herzegovina</td>
<td>Sarajevo, M. Tita 9a</td>
<td>+387 33 473 124</td>
<td>+387 33 473 124</td>
</tr>
<tr>
<td>Republic Serbs Administration for Urban Planning, Housing and Environment</td>
<td>Banja Luka, Trg srpskih junaka 4</td>
<td>+387 51 215 511</td>
<td>+387 51 215 551</td>
</tr>
</tbody>
</table>
## Organisation and Government Responsibility

### Section A

### Name and Address of responsible organisation(s):

<table>
<thead>
<tr>
<th>Bulgaria</th>
<th>Land Title Registration (Registration of rights of ownership, mortgages etc.)</th>
<th>National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries</th>
<th>Land Use</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Cadastre Agency 1 Moussala Street BG - 1618 Sofia</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>+ 359 2 987 6260</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>+ 359 2 987 2517</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Tzveten Boev MSc.</td>
<td></td>
</tr>
<tr>
<td>Address</td>
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<tr>
<td>Telephone Number</td>
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<td>Fax Number</td>
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<td>E Mail Address</td>
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<tr>
<td>Internet Home Page Address</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Contact Name</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ministry responsible</td>
<td>Ministry of Justice and Legal European Integration</td>
<td>Ministry of Regional Development and Public Works</td>
<td>Ministry of Agriculture, Forest and Agrarian Reform, Ministry of Regional Development and Public Works</td>
</tr>
</tbody>
</table>
## Organisation and Government Responsibility

### Section A

#### Name and Address of responsible organisation(s):

<table>
<thead>
<tr>
<th>Land Title Registration (Registration of rights of ownership, mortgages etc.)</th>
<th>National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries</th>
<th>Land Use</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Canada</strong>&lt;br&gt;&lt;br&gt;<strong>Alberta</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Address</strong>&lt;br&gt;Land Titles and Surveys&lt;br&gt;Alberta Government Services&lt;br&gt;Box 2023&lt;br&gt;Edmonton&lt;br&gt;ALBERTA&lt;br&gt;Canada T5J 4W7</td>
<td>Director of Surveys&lt;br&gt;15th Floor, Oxbridge Plc&lt;br&gt;9820-106 Street&lt;br&gt;Edmonton&lt;br&gt;Alberta&lt;br&gt;Canada T5K 2JK</td>
<td>Local Municipalities are responsible for the establishment and control of land use</td>
</tr>
<tr>
<td><strong>Telephone Number</strong>&lt;br&gt;403 427 5166</td>
<td>(780) 422 002</td>
<td></td>
</tr>
<tr>
<td><strong>Fax Number</strong>&lt;br&gt;403 422 3105</td>
<td>(780) 422 1493</td>
<td></td>
</tr>
<tr>
<td><strong>E Mail Address</strong>&lt;br&gt;<a href="mailto:rae.runge@gov.ab.ca">rae.runge@gov.ab.ca</a></td>
<td><a href="mailto:mike.michaud@gov.ab.ca">mike.michaud@gov.ab.ca</a></td>
<td></td>
</tr>
<tr>
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<tr>
<td><strong>Contact Name</strong>&lt;br&gt;Rae Runge, Executive Director, Land Titles and Surveys</td>
<td>Mike Michaud, Director of Surveys</td>
<td></td>
</tr>
<tr>
<td><strong>Ministry responsible</strong>&lt;br&gt;Alberta Government Services</td>
<td>Alberta Sustainable Resource Development</td>
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## Organisation and Government Responsibility

**Name and Address of responsible organisation(s):**

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<tr>
<th>Canada</th>
<th>British Columbia</th>
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<tr>
<td><strong>Land Title Registration</strong> (Registration of rights of ownership, mortgages etc.)</td>
<td><strong>National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries</strong></td>
</tr>
<tr>
<td>Address</td>
<td>Crown Land Registry</td>
</tr>
<tr>
<td>Land Title branch Ministry of Sustainable Resource Management</td>
<td></td>
</tr>
<tr>
<td>Telephone Number</td>
<td>(250) 952 - 5852</td>
</tr>
<tr>
<td>Fax Number</td>
<td>(250) 952 - 5857</td>
</tr>
<tr>
<td>E Mail Address</td>
<td><a href="mailto:LTOHQ@gems4.gov.bc.ca">LTOHQ@gems4.gov.bc.ca</a></td>
</tr>
<tr>
<td>Contact Name</td>
<td>Darcy Hammett</td>
</tr>
<tr>
<td>Ministry responsible</td>
<td>Ministry of Sustainable Resource Management</td>
</tr>
<tr>
<td>Ministry responsible</td>
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**Ministry responsible**
- Ministry of Sustainable Resource Management
- Crown Land Registry
- Various Agencies in British Columbia
  - Land Use Co-ordination Office
  - Ministry of Forests
  - Ministry of Environment, Lands and Parks
  - Local Government etc.
### Organisation and Government Responsibility

Name and Address of responsible organisation(s):

| Canada
| Manitoba |
|------------------|------------------|
| **Land Title Registration**  
(Registration of rights of ownership, mortgages etc.) | **National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries** |
| **Address**  
The Property Registry  
1405-405 Broadway Ave,  
Winnipeg, Mb  
R3C 3L6  
Canada |  |
| **Telephone Number** | (204) 945 0446 |  |
| **Fax Number** | (204) 948 - 3276 |  |
| **E Mail Address** | landtitles@gov.mb.ca |  |
| **Internet Home Page Address** | www.gov.mb.ca/tpr |  |
| **Contact Name** | Rick Wilson  
Registrar General and Chief Operating Officer |  |
| **Ministry responsible** | Finance |  |
### Organisation and Government Responsibility

**Name and Address of responsible organisation(s):**

<table>
<thead>
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<th>Canada</th>
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<tr>
<td><strong>New Brunswick</strong></td>
<td>Service New Brunswick P O Box 1998, Fredericton New Brunswick Canada E3B 5G4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Telephone Number</td>
<td>15 06 453 2113</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fax Number</td>
<td>15 06 453 3898</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E Mail Address</td>
<td><a href="mailto:edgar.quinton@snb.ca">edgar.quinton@snb.ca</a></td>
<td></td>
<td></td>
</tr>
<tr>
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<td><a href="http://www.snb.ca">www.snb.ca</a></td>
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</tr>
<tr>
<td>Contact Name</td>
<td>Edgar Quinton Manager, Real Property Registry</td>
<td></td>
<td></td>
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<tr>
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## Organisation and Government Responsibility

Name and Address of responsible organisation(s):

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<tbody>
<tr>
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<tr>
<td>Telephone Number</td>
<td>416 314 4880</td>
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<tr>
<td>Fax Number</td>
<td>416 314 4878</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E Mail Address</td>
<td><a href="mailto:kate.murray@cbs.gov.on.ca">kate.murray@cbs.gov.on.ca</a></td>
<td></td>
<td></td>
</tr>
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<tr>
<td>Contact Name</td>
<td>Kate Murray</td>
<td></td>
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<tr>
<td>Ministry responsible</td>
<td>Ministry of Consumer and Business Services</td>
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## Organisation and Government Responsibility

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<tr>
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<tbody>
<tr>
<td>Taxation and Property Records Division&lt;br&gt;P.O. Box 2,000&lt;br&gt;Charlottetown&lt;br&gt;Prince Edward Island&lt;br&gt;CANADA  C1A 3A7</td>
<td>Serge Barnard&lt;br&gt;Principal Land Surveyor&lt;br&gt;Department of Transportation and Public Works</td>
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<tr>
<th>Telephone Number</th>
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<tr>
<td>Fax Number</td>
<td>902 368 6164</td>
</tr>
<tr>
<td>E Mail Address</td>
<td><a href="mailto:RFKENNY@GOV.PE.CA">RFKENNY@GOV.PE.CA</a></td>
</tr>
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<td>Internet Home Page Address</td>
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<tr>
<td>Contact Name</td>
<td>Robert Kenny</td>
</tr>
<tr>
<td>Ministry responsible</td>
<td>Department of the Provincial Treasury Court of PEI</td>
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<td>Department of Community Affairs and Attorney General Provincial Planning Branch</td>
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<td>E Mail Address</td>
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</tr>
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<td>Internet Home Page Address</td>
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<tr>
<td>Contact Name</td>
<td>Kate Murray</td>
</tr>
<tr>
<td>Ministry responsible</td>
<td>Ministry of Consumer and Business Services Registration Division Title and Survey Services Section</td>
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<tr>
<td>Contact Name</td>
<td>Kingsey Lewis</td>
</tr>
<tr>
<td>Ministry responsible</td>
<td>Department of Community Affairs and Attorney General</td>
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<tr>
<td>Canada</td>
<td>Saskatchewan</td>
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<tr>
<td>--------</td>
<td>--------------</td>
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<tr>
<td><strong>Name and Address of responsible organisation(s):</strong></td>
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<tr>
<td><strong>Land Title Registration</strong></td>
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<tr>
<td>(Registration of rights of ownership, mortgages etc.)</td>
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<tr>
<td><strong>Address</strong></td>
<td>Registrar of Titles ISC 3rd Floor, 10 Research Drive Regina, Sask S4P 3V7</td>
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<tr>
<td><strong>Telephone Number</strong></td>
<td>306-787-1687</td>
</tr>
<tr>
<td><strong>Fax Number</strong></td>
<td>306-798-0214</td>
</tr>
<tr>
<td><strong>E Mail Address</strong></td>
<td><a href="mailto:catherine.benning@isc.ca">catherine.benning@isc.ca</a></td>
</tr>
<tr>
<td><strong>Contact Name</strong></td>
<td>Catherine Benning</td>
</tr>
<tr>
<td><strong>Ministry responsible</strong></td>
<td>Department of Justice and Information Services Corporation of Saskatchewan</td>
</tr>
<tr>
<td><strong>National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries</strong></td>
<td></td>
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<tr>
<td><strong>Address</strong></td>
<td>Controller of Surveys 3rd Floor, 10 Research Drive Regina, Sask S4P 3V7</td>
</tr>
<tr>
<td><strong>Telephone Number</strong></td>
<td>(306) 787 4882</td>
</tr>
<tr>
<td><strong>Fax Number</strong></td>
<td>(306) 798 0214</td>
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<tr>
<td><strong>E Mail Address</strong></td>
<td><a href="mailto:ed.desnoyers@isc.ca">ed.desnoyers@isc.ca</a></td>
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<tr>
<td><strong>Contact Name</strong></td>
<td>Ed Desnoyers</td>
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<td><strong>Ministry responsible</strong></td>
<td>Department of Justice and Information Services Corporation of Saskatchewan</td>
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<tr>
<td><strong>Land Use</strong></td>
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<tr>
<td>Various Agencies in Saskatchewan Department of Government Relations, Community Planning Department of Environment, Department of Agriculture, Food and Revitalization Local Governments</td>
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## Organisation and Government Responsibility

**Name and Address of responsible organisation(s):**

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<tbody>
<tr>
<td>Address</td>
<td>Ministarstvo pravosuda (Ministry of Justice) Ulica Republike Austrije 10 000 Zagreb Croatia</td>
<td>Drzavna geodetska uprava (State Geodetic Administration) Gruska 20 10 000 Zagreb Croatia</td>
<td>Drzavna geodetska uprava (State Geodetic Administration) Gruska 20 10 000 Zagreb Croatia</td>
</tr>
<tr>
<td>Telephone Number</td>
<td>+ 358 1 3710 620 + 385 1 3710 621</td>
<td>+ 385 1 6157 390</td>
<td>+ 358 1 3657 388</td>
</tr>
<tr>
<td>Fax Number</td>
<td>+ 358 1 3710 622</td>
<td>+ 385 1 61 57 389</td>
<td>+ 385 1 6157 389</td>
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<td>E Mail Address</td>
<td><a href="mailto:ojelic@pravosudje.hr">ojelic@pravosudje.hr</a></td>
<td><a href="mailto:zeljco.bacic@dgu.tel.hr">zeljco.bacic@dgu.tel.hr</a></td>
<td><a href="mailto:damir.pahic@dgu.tel.hr">damir.pahic@dgu.tel.hr</a></td>
</tr>
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<td>Internet Home Page Address</td>
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<td><a href="http://www.dgu.tel.hr/dgu">http://www.dgu.tel.hr/dgu</a></td>
</tr>
<tr>
<td>Contact Name</td>
<td>Olga Jelcic</td>
<td>Zeljko Bacic Sanja Zekusic</td>
<td>Damir Pahic*</td>
</tr>
<tr>
<td>Ministry responsible</td>
<td></td>
<td></td>
<td>(*Contact person for UNECE WPLA)</td>
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### Organisation and Government Responsibility

**Name and Address of responsible organisation(s):**

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<th>Organisation</th>
<th>Address</th>
<th>Telephone Number</th>
<th>Fax Number</th>
<th>E Mail Address</th>
<th>Internet Home Page Address</th>
<th>Contact Name</th>
<th>Ministry responsible</th>
</tr>
</thead>
</table>
| **Cyprus**   | Department of Lands and Surveys  
               29 Michalacopoulou Street  
               1075 Nicosia  
               CYPRUS | 00357 2 804900  
               00357 2 804881 | | | | Andreas Christodoulou  
               Director | Ministry of Interior |
|              | Department of Lands and Surveys  
               29 Michalacopoulou Street  
               1075 Nicosia  
               CYPRUS | 00357 2 804900  
               00357 2 804881 | | | | Andreas Christodoulou  
               Director | Ministry of Interior |
|              | Town Planning and Housing Department.  
               Demostheni Severi Av.  
               T.K. 1454 – Nicosia  
               CYPRUS | 00357 2 302363  
               00357 2 367570 | | | | Giannos Papadopoulos  
               Director | Ministry of Interior |
# Organisation and Government Responsibility

## Section A

Name and Address of responsible organisation(s):

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<th>Czech Republic</th>
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<th>National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries</th>
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<tr>
<td>Address</td>
<td>Czech Office for Surveying, Mapping and Cadastre</td>
<td>As for Land Registration</td>
<td>As for Land Registration</td>
</tr>
<tr>
<td></td>
<td>CZ–111 21 PRAHA 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Hybernska 2</td>
<td></td>
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<tr>
<td></td>
<td>Czech Republic</td>
<td></td>
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</tr>
<tr>
<td>Telephone Number</td>
<td>+ 420 2 216 14252</td>
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<td></td>
<td>+ 420 2 267 054</td>
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<td></td>
</tr>
<tr>
<td>Fax Number</td>
<td>+ 420 2 242 17383</td>
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<tr>
<td>E Mail Address</td>
<td><a href="mailto:vit.suchanek@cuzk.cz">vit.suchanek@cuzk.cz</a></td>
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<tr>
<td>Contact Name</td>
<td>Mr Vit Suchanek</td>
<td></td>
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## Organisation and Government Responsibility

### Denmark

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<td><strong>Department of Courts</strong>&lt;br&gt;Sa Kongensgade 1-3&lt;br&gt;DK - 1264 Copenhagen K</td>
<td><strong>National Survey and Cadastre Denmark</strong>&lt;br&gt;Rentemestervej 8&lt;br&gt;DK - 2400 Copenhagen NV</td>
<td><strong>Central Customs and Tax Administration</strong>&lt;br&gt;Oestbanegade 123&lt;br&gt;DK - 2100 Copenhagen</td>
</tr>
<tr>
<td><strong>Telephone Number</strong></td>
<td>+70 10 33 22</td>
<td>+35 87 57 60</td>
<td>+35 29 73 00</td>
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<tr>
<td><strong>Fax Number</strong></td>
<td>+70 10 44 55</td>
<td>+35 87 50 64</td>
<td>+35 43 47 20</td>
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<tr>
<td><strong>E Mail Address</strong></td>
<td></td>
<td>lb @ kms.min.dk.</td>
<td></td>
</tr>
<tr>
<td><strong>Contact Name</strong></td>
<td>Helle B. Sørensen</td>
<td>Lars Buhl</td>
<td>Anders Muller</td>
</tr>
<tr>
<td><strong>Ministry responsible</strong></td>
<td>Ministry of Justice</td>
<td>Ministry of Housing</td>
<td>Ministry of Taxation</td>
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### Organisation and Government Responsibility

#### Section A

**Name and Address of responsible organisation(s):**

<table>
<thead>
<tr>
<th>Estonia</th>
<th>Land Title Registration (Registration of rights of ownership, mortgages etc.)</th>
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</table>
|         | **Address** The Ministry of Justice  
Tõnismägi 5a  
1519 TALLINN  
ESTONIA | Estonian Land Board  
Mustamae tee 51  
10602 TALLINN  
Estonia | The Agricultural Registers and Information Board  
Narva mnt. 3 51009 Tartu  
Estonia |
|         | **Telephone Number** +372 6803 121 | **Fax Number** +372 6650 600  
+372 6650 604 | **Fax Number** +372 371 200  
+372 371 201 |
|         | **E Mail Address** viljar.peep@just.ee | **E Mail Address** Urmas.Mannama@maaamet.ee  
Mr Urmas Männama  
Vice Director General | **E Mail Address** pria@pria.ee  
www.pria.ee/pria/ |
|         | **Internet Home Page Address** www.just.ee | **Internet Home Page Address** www.maaamet.ee | **Internet Home Page Address** www.pria.ee/pria/ |
|         | **Contact Name** Viljar Peep | **Contact Name** Ministry of Environment | **Contact Name** Ministry of Agriculture |
|         | **Ministry responsible** Ministry of Justice | | |
# Organisation and Government Responsibility

**Name and Address of responsible organisation(s):**

<table>
<thead>
<tr>
<th>Finland</th>
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<td>Ministry of Justice</td>
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<tr>
<td></td>
<td>Bureau of Information Technology</td>
<td>PO Box 84</td>
<td>National Land Survey of Finland</td>
</tr>
<tr>
<td></td>
<td>Hallitusk, 10 FIN - 13111 HAMEENLINNA</td>
<td>FIN - 00521</td>
<td>PO Box 84</td>
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<tr>
<td>Address</td>
<td></td>
<td>HELSINKI</td>
<td>SF - 00521</td>
</tr>
<tr>
<td>Telephone Number</td>
<td>+ 358 3 62231</td>
<td>+ 358 20541 121</td>
<td>+ 358 20541 121</td>
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<tr>
<td>Fax Number</td>
<td>+ 358 3 622 3698</td>
<td>+ 358 20541 5005</td>
<td>+ 358 20541 5595</td>
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<tr>
<td>E Mail Address</td>
<td><a href="mailto:martti.raiskinmaki@om.fi">martti.raiskinmaki@om.fi</a></td>
<td><a href="mailto:matti.vahala@nls.fi">matti.vahala@nls.fi</a></td>
<td><a href="mailto:aaro.mikkola@nls.fi">aaro.mikkola@nls.fi</a></td>
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<tr>
<td>Contact Name</td>
<td>Martti Raiskinmäki</td>
<td>Matti Vahala</td>
<td>Aaro Mikkola</td>
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<td>The Ministry of Agriculture and Forestry</td>
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**Ministry responsible:**

- **Finland**
  - Ministry of Justice
  - Bureau of Information Technology
  - Hallitusk, 10 FIN - 13111 HAMEENLINNA
  - Telephone Number: + 358 3 62231
  - Fax Number: + 358 3 622 3698
  - E Mail Address: martti.raiskinmaki@om.fi
  - Internet Home Page Address: http://www.om.fi
  - Contact Name: Martti Raiskinmäki
  - Ministry responsible: Ministry of Justice
### Organisation and Government Responsibility

#### Name and Address of responsible organisation(s): France

<table>
<thead>
<tr>
<th>Land Title Registration</th>
<th>National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries</th>
<th>Land Use</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Address</strong></td>
<td>Direction Generale des Impots Services des Opérations Fiscales et Fonciers Sous Direction III A, Bureau III A1 139, rue de Bercy 75574 PARIS CEDEX 12</td>
<td>Direction Generale des Impots Services des Opérations Fiscales et Fonciers Sous Direction III A, Bureau III A1 139, rue de Bercy 75574 PARIS CEDEX 12</td>
</tr>
<tr>
<td><strong>Telephone Number</strong></td>
<td>53 18 95 05</td>
<td>53 18 95 05</td>
</tr>
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<tr>
<td><strong>Internet Home Page Address</strong></td>
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</tr>
<tr>
<td><strong>Contact Name</strong></td>
<td></td>
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</tr>
<tr>
<td><strong>Ministry responsible</strong></td>
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The system in operation in France is a cadastral system with a Register of Deeds.

The analysis does not at this stage include answers for Section B

### Organisation and Government Responsibility

Name and Address of responsible organisation(s):  

<table>
<thead>
<tr>
<th>Germany</th>
<th>Land Title Registration (Registration of rights of ownership, mortgages etc.)</th>
<th>National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries</th>
<th>Land Use</th>
</tr>
</thead>
</table>
| Address | Land Registry Offices at local Courts ("Amtsgerichte") | Working Committee of the Surveying Authorities of the States of the Federal Republic of Germany (AdV)  
c/o LGN Podbielskistr. 331  
D–30659 Hannover | a) Communities (local authority planning for real estate utilization and building,  
Zoning plans, land consolidation in urban areas)  
b) Consolidation authorities (Farmland consolidation in rural areas) |
| Telephone Number | +030/2025-70 | +49-511-64609-110 |  |
| Fax Number | +030/2025-9525 | +49-511-64609-116 |  |
| E Mail Address | poststelle@bmj.bund.de | GeschäftsstelleDerAdV@lgn.niedersachsen.de |  |
| Internet Home Page Address | http://www.bmj.bund.de | http://www.hkvv.hessen.de/ |  |
| Contact Name | See National Topographic and Cadastral Survey | Wilhelm Zeddies |  |
| Ministry responsible | Federal Ministry of Justice/Berlin  
Bonn (Legislation)  
Ministries of Justice of the States of FRG | different in the States:  
Most: Ministry of the Interior  
others: Ministry of Finance Ministry of Economic Affairs |  |
## Organisation and Government Responsibility

### Section A

Name and Address of responsible organisation(s):

<table>
<thead>
<tr>
<th>Georgia</th>
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<td>State Department of Land Management of Georgia</td>
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<td>Address</td>
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<td></td>
<td></td>
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<tr>
<td>Telephone Number</td>
<td>+ 995 32 32 38 05</td>
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</tr>
<tr>
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<td>+ 995 32 94 07 59</td>
<td></td>
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</tr>
<tr>
<td>E Mail Address</td>
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<td></td>
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<tr>
<td>Internet Home Page Address</td>
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<td></td>
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</tr>
<tr>
<td>Contact Name</td>
<td>Mr. David Egiashvili</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ministry responsible</td>
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<td></td>
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<td>Land Title Registration (Registration of rights of ownership, mortgages etc.)</td>
<td>National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries</td>
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<td>---------</td>
</tr>
<tr>
<td><strong>Greece</strong></td>
<td></td>
<td>Hellenic Mapping and Cadastre Organisation (HEMCO)</td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td>Athens Registry Office</td>
<td>11-13 T. Vassou St.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Aristotelous 175</td>
<td>GR-11521 Athens</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Kefalinias Str</td>
<td></td>
<td></td>
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<tr>
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<td>Greece</td>
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<td></td>
</tr>
<tr>
<td>Telephone Number</td>
<td>+30-210-8640099</td>
<td>+3016446776</td>
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<tr>
<td>Fax Number</td>
<td>+30-210-8640899</td>
<td>+3016447039</td>
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<tr>
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<tr>
<td>Contact Name</td>
<td>Paulo Theodoras</td>
<td>C. Goulas</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Director – Registrar</td>
<td>President of HEMCO</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>President of KTHMATOLOGIO SA</td>
<td></td>
</tr>
<tr>
<td>Ministry responsible</td>
<td>Ministry of Environment, Physical Planning and Public Works</td>
<td>Ministry of Finance, Department of Capital Taxation</td>
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<tr>
<td></td>
<td>Ministry of Justice</td>
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## Organisation and Government Responsibility

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<th>National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries</th>
<th>Land Use</th>
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<tbody>
<tr>
<td></td>
<td>Department of Lands and Mapping, Ministry of Agriculture and Regional Development</td>
<td>Mapping Service of the Hungarian Home Defence Services</td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td>H-1860 Budapest 55 P O Box 1</td>
<td>H-1525 Budapest 114 P O Box 37</td>
<td></td>
</tr>
<tr>
<td>Telephone Number</td>
<td>+36 1 301 4151</td>
<td>+36 1 212 2744</td>
<td>+36 1 301 4151</td>
</tr>
<tr>
<td>Fax Number</td>
<td>+36 1 301 4719</td>
<td>+36 1 212 2756</td>
<td>+36 1 301 4819</td>
</tr>
<tr>
<td>E Mail Address</td>
<td><a href="mailto:geza.koszegi@fvm.hu">geza.koszegi@fvm.hu</a></td>
<td><a href="mailto:kadar.istvan@mhtehi.gov.hu">kadar.istvan@mhtehi.gov.hu</a></td>
<td></td>
</tr>
<tr>
<td>Internet Home Page Address</td>
<td><a href="http://www.fvm.hu">www.fvm.hu</a></td>
<td><a href="http://www.mhteh.gov.hu">http://www.mhteh.gov.hu</a></td>
<td></td>
</tr>
<tr>
<td>Contact Name</td>
<td>Dr Geza Koszegi Head of Department</td>
<td>Mr Istvan Kadar Lt. Col Acting Chief</td>
<td>Mr Szabo Zsolt Head of Department</td>
</tr>
<tr>
<td>Ministry responsible</td>
<td>Ministry of Agriculture</td>
<td>Ministry of Agriculture (in the scale smaller than 1:10,000 the Mapping Agency of the Hungarian Home Defence Forces is responsible. Director General Colonel Jozsef Cseri H-1525 Budapest 114 P.O. Box 37 Tel. +36 1 332 0161 Fax +36 1 212 2756)</td>
<td>Ministry of Agriculture</td>
</tr>
</tbody>
</table>
## Organisation and Government Responsibility

### Section A

### Name and Address of responsible organisation(s):

<table>
<thead>
<tr>
<th>Organisation</th>
<th>Address</th>
<th>Telephone Number</th>
<th>Fax Number</th>
<th>E Mail Address</th>
<th>Internet Home Page Address</th>
<th>Ministry responsible</th>
</tr>
</thead>
</table>
| **Iceland**  | Fasteignamat ríkisins  
Borgartúni 21  
IS-105 Reykjavik  
Iceland |  +354 561 4211 |  +354 561 4636 |  haukur@fmr.is |  http://www.fmr.is |  Ministry of Finance (Ministry of Taxes and Duties) |
| **National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries** | Landmaelingar Islands  
Laugavegi 178  
PO Box 5060  
IS-125 Reykjavik  
Iceland |  +354 533 40000 |  +354 533 4010 |  agust@lmi.is |  http://www.lmi.is |  Ministry of Environment |
| **Land Use** | Fasteignamat ríkisins  
Borgartúni 21  
IS-105 Reykjavik  
Iceland |  |  |  |  |  |

### Notes

1. The actual function of the Fasteignamat ríkisins is to collect information of titles from the communities, which are responsible, and register them.
2. Rights of ownership and mortgages etc are registered by legal authorities of which there are 23 throughout the country. These authorities belong to the Ministry of Justice. Fasteignamat ríkisins gets information of ownership from the legal authorities, the communities and by own collection.
3. There is no cadastre in Iceland.
4. The area of parcel boundaries is a joint responsibility of the communities and legal authorities.
5. The recording of land use is a joint responsibility of the communities and Fasteignamat ríkisins.
### Organisation and Government Responsibility

#### Section A

<table>
<thead>
<tr>
<th>Organisation</th>
<th>Name and Address of responsible organisation(s):</th>
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</thead>
<tbody>
<tr>
<td><strong>Ireland</strong></td>
<td><strong>Land Title Registration</strong></td>
</tr>
<tr>
<td></td>
<td>(Registration of rights of ownership, mortgages etc.)</td>
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<tr>
<td>Address</td>
<td>Land Registry/Registry of Deeds</td>
</tr>
<tr>
<td></td>
<td>Chancery Street</td>
</tr>
<tr>
<td></td>
<td>DUBLIN 7</td>
</tr>
<tr>
<td></td>
<td>Ireland</td>
</tr>
<tr>
<td>Telephone Number</td>
<td>00 353 1 6707500</td>
</tr>
<tr>
<td>Fax Number</td>
<td>00 353 1 8722692</td>
</tr>
<tr>
<td>E Mail Address</td>
<td><a href="mailto:michael.treacy@landregistry.ie">michael.treacy@landregistry.ie</a></td>
</tr>
<tr>
<td>Internet Home Page Address</td>
<td><a href="http://www.landregistry.ie">http://www.landregistry.ie</a></td>
</tr>
<tr>
<td>Contact Name</td>
<td>Michael Treacy</td>
</tr>
<tr>
<td>Ministry responsible</td>
<td>The Minister for Justice, Equality and Law Reform</td>
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<table>
<thead>
<tr>
<th>Organisation</th>
<th>National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries</th>
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<tbody>
<tr>
<td>Address</td>
<td>Ordnance Survey Ireland</td>
</tr>
<tr>
<td></td>
<td>Phoenix Park</td>
</tr>
<tr>
<td></td>
<td>Dublin 8</td>
</tr>
<tr>
<td>Telephone Number</td>
<td>00 353 1 8025300</td>
</tr>
<tr>
<td>Fax Number</td>
<td>00 353 1 8204156</td>
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<table>
<thead>
<tr>
<th>Organisation</th>
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</thead>
<tbody>
<tr>
<td>Address</td>
<td>Department of Environment, Heritage and Local Government</td>
</tr>
<tr>
<td>Telephone Number</td>
<td>00 353 1 8882000</td>
</tr>
<tr>
<td>Fax Number</td>
<td>00 353 1 8882888</td>
</tr>
<tr>
<td>E Mail Address</td>
<td><a href="http://www.environ.ie">www.environ.ie</a></td>
</tr>
</tbody>
</table>

In addition to the Land Registry/Registry of Deeds and the Ordnance Survey office a variety of Departments and organizations have responsibility for different aspects of land use in Ireland. For example:

- The Department of the Environment, Heritage and Local Government is one such body under which all local authorities operate.
- The local authorities have responsibility for taxation (the setting and collection of rates), for planning and for social housing within their areas and there is a national planning board to which appeals regarding planning can be made.
- The Revenue Commissioners have responsibility for taxation ie Stamp Duty payments.
- The National Roads Authority, the Environmental Protection Agency and the state forestry company (Coillte) are examples of other bodies with responsibilities in the land use area.
## Organisation and Government Responsibility

### Section A

#### Name and Address of responsible organisation(s):

<table>
<thead>
<tr>
<th>Italy</th>
<th>Land Title Registration (Registration of rights of ownership, mortgages etc.)</th>
<th>National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries</th>
<th>Land Use</th>
</tr>
</thead>
</table>
| Address | Agenzia del Territorio  
Largo Leopardi, 5  
00185 – Roma (ITALY) | As for Land Registration | As for Land Registration |
| Telephone Number | 0039 06 47775278 | | |
| Fax Number | 0039 06 4820153 | | |
| E Mail Address | at_csda@agenziaterritorio.it | | |
| Internet Home Page Address | http://www.agenziaterritorio.gov.it | | |
| Contact Name | Mr. Antonio de Santis | | |
| Ministry responsible | Ministry of Economy and Finance | | |
## Organisation and Government Responsibility

**Name and Address of responsible organisation(s):**

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<th>Latvia</th>
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<th>Land Use</th>
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<tbody>
<tr>
<td>Address</td>
<td>Department of LandBook Marsta, Iu 19 Riga LV 1050</td>
<td>State Land Service of the Republic of Latvia 11 Novembra Kastramal 31 Riga LV 1484</td>
<td>State Land Service of the Republic of Latvia 11 Novembra Kastramala 31 Riga LV 1484</td>
</tr>
<tr>
<td>Telephone Number</td>
<td>+ 371 7224 847, + 371 777 0888</td>
<td>+ 371 703 8628</td>
<td>+ 371 7212 320</td>
</tr>
<tr>
<td>Fax Number</td>
<td>+ 371 722 1628</td>
<td><a href="mailto:edwins.kapostins@vzd.gov.lv">edwins.kapostins@vzd.gov.lv</a></td>
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<tr>
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<td><a href="http://www.vzd.gov.lv">www.vzd.gov.lv</a></td>
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<tr>
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<td>Inese Kalnina, Edvins Balsevics</td>
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<td>Ministry of Justice</td>
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<tr>
<td>Address</td>
<td>Grundbuchamt und Öffentlichkeitsregistramt des Fürstentums Liechtenstein</td>
<td>Tiefbauamt des Fürstentums Liechtenstein</td>
<td>Amt für Volkswirtschaft</td>
</tr>
<tr>
<td></td>
<td>Aeulestrasse 70 FL–9490 Vaduz</td>
<td>Postgebude FL–9490 Vaduz</td>
<td>Gerberweg 5 FL 9490 Vaduz</td>
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<tr>
<td>Telephone Number</td>
<td>00423 236 6200</td>
<td>00423 236 68 40</td>
<td>00423 236 68 71</td>
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<td>E Mail Address</td>
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<tr>
<td>Contact Name</td>
<td>Edmund Freischer</td>
<td>Ministry for Public Construction</td>
<td>Christian Brunhart</td>
</tr>
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<td>Ministry for National Economy</td>
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# Organisation and Government Responsibility

## Section A

### Name and Address of responsible organisation(s):

<table>
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<tbody>
<tr>
<td></td>
<td>State Enterprise Centre of Registers, V Kudirkos str. 18, LT 03105 Vilnius-9, LITHUANIA</td>
<td>National Land Service (NLS) Gedimino av. 19, LT 01103, Vilnius LITHUANIA</td>
<td>Counties’ Governors Administrations (10) and Municipalities (60)</td>
</tr>
<tr>
<td></td>
<td>+ 370 5 2688202</td>
<td>+ 370 5 2391 307 (NLS); + 370 5 2688 202 (SECR)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>+ 370 5 2688311</td>
<td>+ 370 5 2391 331 (NLS) + 370 5 2688 311 (SECR)</td>
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<tr>
<td></td>
<td><a href="mailto:info@kada.lt">info@kada.lt</a></td>
<td><a href="mailto:nzt@nzt.lt">nzt@nzt.lt</a> (NLS) <a href="mailto:info@kada.lt">info@kada.lt</a> (SECR)</td>
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<td></td>
<td><a href="http://www.kada.lt">www.kada.lt</a></td>
<td><a href="http://www.nzt.lt(NLS)">www.nzt.lt(NLS)</a> <a href="http://www.kada.lt(SECR)">www.kada.lt(SECR)</a></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Romualdas Kasperavicius</td>
<td>Rimantas Ramanauskas</td>
<td></td>
</tr>
<tr>
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<td>Ministry of Justice</td>
<td>Ministry of Agriculture and Ministry of Justice</td>
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<tr>
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</tr>
<tr>
<td>Luxembourg</td>
<td>Administration du Cadastre et de la Topographie 54, Avenue Gaston Diderich, Boîte Postale 1761 L-1017 LUXEMBOURG</td>
<td>Administration du Cadastre et de la Topographie 54, Avenue Gaston Diderich, Boîte Postale 1761 L-1017 LUXEMBOURG</td>
<td>Ministère de l’Aménagement du Territoire 18 Montée de la Pétrusse L-2946 LUXEMBOURG</td>
</tr>
<tr>
<td>Address</td>
<td>Ministry responsible: Ministère du Budget</td>
<td>Ministry responsible: Ministère du Budget</td>
<td>Ministère de l’Aménagement du Territoire, Conseiller de Gouvernement 1ère classe</td>
</tr>
<tr>
<td>Telephone Number</td>
<td>+ 44901 - 1</td>
<td>+ 44901 - 1</td>
<td>+ 478-6915</td>
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<td>Fax Number</td>
<td>+ 44901 - 333</td>
<td>+ 44901 - 333</td>
<td>+ 40 89 70</td>
</tr>
<tr>
<td>E Mail Address</td>
<td></td>
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<td><a href="mailto:patrick.grivet@life.lu">patrick.grivet@life.lu</a></td>
</tr>
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**FYRO Macedonia**

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<tbody>
<tr>
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<td>State Authority for Geodetic Works</td>
<td>As for Land Registration</td>
<td>As for Land Registration</td>
</tr>
<tr>
<td><strong>Telephone Number</strong></td>
<td>389 91 17 16 65</td>
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<tr>
<td><strong>Fax Number</strong></td>
<td>389 91 17 16 68</td>
<td></td>
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</tr>
<tr>
<td><strong>E Mail Address</strong></td>
<td><a href="mailto:rgu@rgu.gov.mk">rgu@rgu.gov.mk</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Internet Home Page Address</strong></td>
<td><a href="http://www.rgu.gov.mk">www.rgu.gov.mk</a></td>
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</tr>
<tr>
<td><strong>Contact Name</strong></td>
<td>Zoran Cvetanovski</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Ministry responsible</strong></td>
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### Organisation and Government Responsibility

**Section A**

**Name and Address of responsible organisation(s):**

<table>
<thead>
<tr>
<th>Malta</th>
<th><strong>Land Title Registration</strong> (Registration of rights of ownership, mortgages etc.)</th>
<th><strong>National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries</strong></th>
<th><strong>Land Use</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Address&lt;br&gt;The Land and Public Registry Division&lt;br&gt;116, Casa Bolino, West Street&lt;br&gt;Valletta, CMR 02&lt;br&gt;Malta</td>
<td>Address&lt;br&gt;Mapping Unit, Planning Authority&lt;br&gt;P.O. Box 200&lt;br&gt;Valletta, Malta</td>
<td><strong>Contact Name</strong>&lt;br&gt;Matthew Gatt</td>
</tr>
<tr>
<td></td>
<td>Telephone Number&lt;br&gt;+356 212 47568</td>
<td>Telephone Number&lt;br&gt;+356 240276</td>
<td><strong>Ministry responsible</strong>&lt;br&gt;Ministry for Justice and Home Affairs</td>
</tr>
<tr>
<td></td>
<td>Fax Number&lt;br&gt;+356 212 49941</td>
<td>Fax Number&lt;br&gt;+356 224846</td>
<td><strong>Ministry responsible</strong>&lt;br&gt;Ministry for Justice and Home Affairs</td>
</tr>
<tr>
<td></td>
<td>E Mail Address&lt;br&gt;<a href="mailto:charles.a.micallef@gov.mt">charles.a.micallef@gov.mt</a></td>
<td>E Mail Address&lt;br&gt;www.mjha.gov.mt</td>
<td><strong>Contact Name</strong>&lt;br&gt;Charles A. Micallef</td>
</tr>
<tr>
<td></td>
<td>Internet Home Page Address&lt;br&gt;www.mjha.gov.mt</td>
<td>Internet Home Page Address&lt;br&gt;www.mjha.gov.mt</td>
<td><strong>Ministry responsible</strong>&lt;br&gt;Ministry for Justice and Home Affairs</td>
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<td><strong>Contact Name</strong>&lt;br&gt;Charles A. Micallef</td>
<td><strong>Ministry responsible</strong>&lt;br&gt;Ministry for Justice and Home Affairs</td>
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<tr>
<td>Republic of Moldova</td>
<td>Land Title Registration (Registration of rights of ownership, mortgages etc.)</td>
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<tr>
<td>Address</td>
<td>National Agency for Geodesy Cartography and Cadastre</td>
<td>As for Land Registration</td>
<td>As for Land Registration</td>
</tr>
<tr>
<td>Telephone Number</td>
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<td></td>
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</tr>
<tr>
<td>E Mail Address</td>
<td><a href="mailto:ilisuma@cni.md">ilisuma@cni.md</a></td>
<td></td>
<td></td>
</tr>
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<td>Internet Home Page Address</td>
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<td></td>
<td></td>
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## Organisation and Government Responsibility

### Name and Address of responsible organisation(s):

<table>
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<tr>
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<th><strong>Land Title Registration</strong> (Registration of rights of ownership, mortgages etc.)</th>
<th><strong>National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries</strong></th>
<th><strong>Land Use</strong></th>
</tr>
</thead>
</table>
| **Address**      | Cadastre, Land Registry and Mapping Agency  
Hofstraat 110  
7311 KZ Apeldoorn | Same as Land Registration | Alterra  
P.O. Box 125  
6700 AC Wageningen |
<p>| <strong>Telephone Number</strong> | +31 55 5285 695 | | +31 317474200 |
| <strong>Fax Number</strong> | +31 55 3557 362 | | +31 317424812 |
| <strong>E Mail Address</strong> | <a href="mailto:paul.vandermolen@kadaster.nl">paul.vandermolen@kadaster.nl</a> | | <a href="mailto:postkamer@sc.dlo.nl">postkamer@sc.dlo.nl</a> |
| <strong>Internet Home Page Address</strong> | <a href="http://www.kadaster.nl">www.kadaster.nl</a> | | |
| <strong>Contact Name</strong> | Prof. Ir P van der Molen | | Prof. dr. A. K. Bregt |
| <strong>Ministry responsible</strong> | Housing, Physical Planning and Environment | | Ministry of Agriculture |</p>
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<tbody>
<tr>
<td>Address</td>
<td>Statens kartverk (Norwegian Mapping and Cadastre Authority) P O Box 8005 Dep N-0030 Oslo Norway</td>
<td>Statens Kartverk N-3500 Honefoss Norway</td>
<td>Norsk Institue for jord - og Skogkartlegging N-1430 Aas Norway</td>
</tr>
<tr>
<td>Telephone Number</td>
<td>+ 47 32118100</td>
<td>+ 47321 18100</td>
<td>+ 4764 94 9700</td>
</tr>
<tr>
<td>Fax Number</td>
<td>+ 47 32118101</td>
<td>+ 47 32118511</td>
<td>+ 4764 94 9786</td>
</tr>
<tr>
<td>E Mail Address</td>
<td><a href="mailto:firmapost@statkart.no">firmapost@statkart.no</a></td>
<td><a href="mailto:firmapost@statkart.no">firmapost@statkart.no</a></td>
<td><a href="mailto:nijos@nijos.no">nijos@nijos.no</a></td>
</tr>
<tr>
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<td><a href="http://www.nijos.no">www.nijos.no</a></td>
</tr>
<tr>
<td>Contact Name</td>
<td>Anne Cathrine Frøstrup</td>
<td>Helge Onsrud</td>
<td>Geir Harald Strand</td>
</tr>
<tr>
<td>Ministry responsible</td>
<td>Ministry of Justice</td>
<td>Ministry of Environment</td>
<td>Ministry of Agriculture</td>
</tr>
<tr>
<td>Organisation and Government Responsibility</td>
<td>Section A</td>
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<tr>
<td><strong>National Topographic and Cadastral</strong></td>
<td></td>
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<tr>
<td><strong>Parcel Boundaries</strong></td>
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<td><strong>Land Use</strong></td>
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**Poland**

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<th>Land Use</th>
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</thead>
<tbody>
<tr>
<td><strong>Address</strong></td>
<td>1. Head Office of Geodesy and Cartography</td>
<td>1. Head Office of Geodesy and Cartography</td>
</tr>
<tr>
<td>All regional courts, as well as their local branches (314 altogether)</td>
<td>ul Wspólna 2; 1070 LISBOA Warszawa 00926</td>
<td>ul Wspólna 2; Warszawa 00926</td>
</tr>
<tr>
<td>2. District Offices of governmental administration (at present 267) have the legal obligation to keep the land and building register (Polish cadastre)</td>
<td>+48 22 661 81 18, 661 8451</td>
<td>+48 22 661 81 18, 661 81 03.</td>
</tr>
<tr>
<td>3. Geodetic and Cartographic documentation centres (at present there are 373 entrusted with technical service of the land and building register (Polish cadastre)</td>
<td>+48 22 661 81 18, 661 8451</td>
<td>+48 22 628 58 87, 661 8451</td>
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<table>
<thead>
<tr>
<th><strong>Telephone Number</strong></th>
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<th><strong>E Mail Address</strong></th>
<th><strong>Internet Home Page Address</strong></th>
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<tr>
<td>+48-22 628 25 75</td>
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## Organisation and Government Responsibility

### Poland (continued)

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<tr>
<th>Organisation</th>
<th>Contact Name</th>
<th>Ministry responsible</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Land Title Registration</strong> (Registration of rights of ownership, mortgages etc.)</td>
<td>Dr Jerzy Kielbowicz – Vice Director</td>
<td>Ministry of Justice</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Al. Vjazdowskie 11 00-950 Warszawa</td>
</tr>
<tr>
<td><strong>National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries</strong></td>
<td>Mr Konrad Pirwitz M.Sc.Eng - Director</td>
<td>Head Office of Geodesy and Cartography</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Head Office of Geodesy and Cartography ul Wspólna 2; 00-926 Warszawa</td>
</tr>
<tr>
<td><strong>Land Use</strong></td>
<td>Mr Konrad Pirwitz M.Sc.Eng - Director</td>
<td>Head Office of Geodesy and Cartography</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ul Wspólna 2; 00-926 Warszawa</td>
</tr>
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<td>Organisation and Government Responsibility</td>
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<td><strong>Name and Address of responsible organisation(s):</strong></td>
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<th><strong>National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries</strong></th>
<th><strong>Land Use</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Director Geral dos Registos e Notariado</td>
<td>IGP–Instituto Geográfico Português</td>
<td>Presidente of IGP</td>
</tr>
<tr>
<td></td>
<td>+ 351 217 985 500</td>
<td>Rua Artilharia Um, 107</td>
<td>Arménio dos Santos Castanheira (also Rui Pedro Julião)</td>
</tr>
<tr>
<td>Telephone Number</td>
<td>+ 351 217 951 350</td>
<td>+ 351 21 381 96 00</td>
<td>Ministry of Environment and Land Administration</td>
</tr>
<tr>
<td>Fax Number</td>
<td><a href="mailto:dgrn@dgrn.mj.pt">dgrn@dgrn.mj.pt</a></td>
<td>+ 351 21 381 96 93</td>
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<tr>
<td>E Mail Address</td>
<td><a href="http://www.dgrn.mj.pt">http://www.dgrn.mj.pt</a></td>
<td><a href="mailto:igeo@igeo.pt">igeo@igeo.pt</a></td>
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<tr>
<td>Contact Name</td>
<td>Director Geral dos Registos e Notariado (Santana Vidigal)</td>
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<td>Name and Address of responsible organisation(s):</td>
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<tr>
<th>Romania</th>
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<tr>
<td><strong>Address</strong></td>
<td>Agentia Nationala pentru Cadastru si Publicitate Imobiliara National Agency for Cadastre and Land Registration 202A Splaiul Independentei, sector 6 Bucharest Romania</td>
<td><strong>Telephone Number</strong></td>
<td>+ (40) (21) 310 01 90</td>
</tr>
<tr>
<td><strong>Fax Number</strong></td>
<td>+ (40) (21) 222 52 24</td>
<td><strong>Fax Number</strong></td>
<td>+ (40) (21) 307 85 54</td>
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<tr>
<td><strong>E Mail Address</strong></td>
<td><a href="mailto:dieri@ancpi.ro">dieri@ancpi.ro</a></td>
<td><strong>E Mail Address</strong></td>
<td><a href="mailto:comunicare@maa.ro">comunicare@maa.ro</a></td>
</tr>
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<td><strong>Internet Home Page Address</strong></td>
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<td><strong>Internet Home Page Address</strong></td>
<td><a href="http://maa.ro">http://maa.ro</a></td>
</tr>
<tr>
<td><strong>Contact Name</strong></td>
<td>Adriana Padureanu Director European Integration and International Relations</td>
<td><strong>Contact Name</strong></td>
<td>Roxana Zarma General Director-European Integration</td>
</tr>
<tr>
<td><strong>Ministry responsible</strong></td>
<td>Ministry of Administration and Interior National Agency for Cadastre and Land Registration is responsible for: • Land Title Registration • National Topographic and Cadastral Survey</td>
<td><strong>Ministry responsible</strong></td>
<td>Ministry of Agriculture, Forests and Rural Development</td>
</tr>
<tr>
<td><strong>Land Use</strong></td>
<td>Ministry of Agriculture, Forests and Rural Development - MAFRD 24 Boulv. Carol I, Bucuresti, sector 3</td>
<td><strong>Land Use</strong></td>
<td>Land Use Survey – LUS – was performed in 2003 by National Statistics Institute of Romania – INS together with MAFRD. It is planned that in the future new LUS survey will be run under the supervision of MAFRD.</td>
</tr>
</tbody>
</table>
## Organisation and Government Responsibility

### Section A

Name and Address of responsible organisation(s):

<table>
<thead>
<tr>
<th>Russian Federation</th>
<th>Land Title Registration (Registration of rights of ownership, mortgages etc.)</th>
<th>National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries</th>
<th>Land Use</th>
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<tbody>
<tr>
<td><strong>Address</strong></td>
<td>Federal Land Cadastre Service of Russia Miasnickaya Street, 39-1 103450 Moscow Russian Federation</td>
<td>For Topography and Mapping the responsible Agency is the Federal Agency for Geodesy and Mapping. It operates under the Russian Federation Ministry of Transportation</td>
<td>As for Cadastre authority</td>
</tr>
<tr>
<td><strong>Telephone Number</strong></td>
<td>(7–095) 207 9627</td>
<td>Federal Agency for Geodesy and Mapping Ul. Krzhizhanovskogo, 14, kor. 2 117997 Moscow</td>
<td></td>
</tr>
<tr>
<td><strong>Fax Number</strong></td>
<td>(7–095) 207 2695</td>
<td>Tel. No (7-095) 127-5714</td>
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</tr>
<tr>
<td><strong>E Mail Address</strong></td>
<td><a href="mailto:alo@fccland.ru">alo@fccland.ru</a></td>
<td>Cadastral survey and recording of the area of parcel boundaries are the responsibility of the Federal Agency for Cadastre of Immovable Property. It operates under the Russian Federation Ministry of Economic Development and Trade</td>
<td></td>
</tr>
<tr>
<td><strong>Internet Home Page Address</strong></td>
<td><a href="http://www.goscomzen.ru">www.goscomzen.ru</a></td>
<td>Address: Prospect Vernadskogo, 37, kor 2 Moscow 119415</td>
<td></td>
</tr>
<tr>
<td><strong>Contact Name</strong></td>
<td>Sergei I. Say Chief</td>
<td>Tel. No (7-095) 930-7351</td>
<td></td>
</tr>
<tr>
<td><strong>Ministry responsible</strong></td>
<td>Federal Land Cadastre Service of Russia (Roszemcadastre) is responsible for the maintenance of the State Land Cadastre</td>
<td>Fax No (7-095) 930-7351</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Municipal Justice Agencies of the Russian Federation Ministry of Justice are responsible for registration of rights in real estate and transactions with real estate.</td>
<td>E Mail address: <a href="mailto:alo@fccland.ru">alo@fccland.ru</a></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Contact Name: Mickhail Mishustin, Chief of Agency</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ministry responsible: Federal Agency of Real Property Cadastre</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Russian Federation Ministry of Economic Development and Trade</td>
<td></td>
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## Organisation and Government Responsibility

### Name and Address of responsible organisation(s):

<table>
<thead>
<tr>
<th>Organisation</th>
<th>San Marino</th>
<th>National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries</th>
<th>Land Use</th>
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<tr>
<td><strong>San Marino</strong></td>
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<tr>
<td><strong>Land Title Registration</strong> (Registration of rights of ownership, mortgages etc.)</td>
<td>Ufficio Del Registro E Delle Ipoteche Viale Onofri - 47890 San Marino Republic of San Marino</td>
<td>Ufficio Tecnico del Catasto Via Piana, 42-47890 San Marino Republic of San Marino</td>
<td>Ufficio Tecnico Del Catasto Via Piana, 42-47890 San Marino Republic of San Marino</td>
</tr>
<tr>
<td>Address</td>
<td>Address</td>
<td>Telephone Number</td>
<td>+ 378 88 21 05</td>
</tr>
<tr>
<td></td>
<td>Viale Onofri - 47890 San Marino Republic of San Marino</td>
<td>+ 378 88 20 94</td>
<td></td>
</tr>
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<tr>
<td>Contact Name</td>
<td>AVV Paola Colombini, Direttore</td>
<td>Ing. Piermarino Montagna Direttore</td>
<td>Ing Pier Marino Montagna Direttore</td>
</tr>
<tr>
<td>Ministry responsible</td>
<td>Ministry of Finance and Budget Segreteria di Stato per le Finanze e il Bilancio – Programmazione</td>
<td>Segreteria di Stato per il Territorio Ambiente, Agricoltura e Rapporti con A.A.S.P</td>
<td>Segretaria di Stato per il Territorio Ambiente, Agricoltura e Rapporti Con A.A.S.P</td>
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### Organisation and Government Responsibility

#### Section A

**Name and Address of responsible organisation(s):**

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<th>Country</th>
<th>Land Title Registration (Registration of rights of ownership, mortgages etc.)</th>
<th>National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries</th>
<th>Land Use</th>
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<tr>
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<td>Republic Geodetic Authority of the Republic of Serbia</td>
<td>Republic Geodetic Authority of the Republic of Serbia</td>
<td>Republic Geodetic Authority of the Republic of Serbia</td>
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<tr>
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<td>Republic Geodetic Authority of the Republic of Serbia</td>
<td>Republic Geodetic Authority of the Republic of Serbia</td>
</tr>
<tr>
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<td>E Mail Address</td>
<td><a href="mailto:sdabasi@rgz.co.yu">sdabasi@rgz.co.yu</a> <a href="mailto:kn@rgz.co.yu">kn@rgz.co.yu</a></td>
<td><a href="mailto:sdabasi@rgz.co.yu">sdabasi@rgz.co.yu</a> <a href="mailto:pn@rgz.co.yu">pn@rgz.co.yu</a></td>
<td><a href="mailto:sdabasi@rgz.co.yu">sdabasi@rgz.co.yu</a> <a href="mailto:pn@rgz.co.yu">pn@rgz.co.yu</a></td>
</tr>
<tr>
<td>Internet Home Page Address</td>
<td><a href="http://www.rgz.co.yu">www.rgz.co.yu</a></td>
<td><a href="http://www.rgz.co.yu">www.rgz.co.yu</a></td>
<td><a href="http://www.rgz.co.yu">www.rgz.co.yu</a></td>
</tr>
<tr>
<td>Contact Name</td>
<td>Suleiman Dabbas, MSc G.E. Mladen Dugonjic, MSc G.E.</td>
<td>Suleiman Dabbas, MSc G.E. Milivoje Avramovic, MSc G.E.</td>
<td>Suleiman Dabbas, MSc G.E. Milivoje Avramovic, MSc G.E. Nenad Matejic, BSc A.E.</td>
</tr>
<tr>
<td>Ministry responsible</td>
<td>Ministry for Urban Planning and Construction</td>
<td>Ministry for Urban Planning and Construction</td>
<td>Ministry for Urban Planning and Construction</td>
</tr>
</tbody>
</table>
## Organisation and Government Responsibility

### Name and Address of responsible organisation(s):

<table>
<thead>
<tr>
<th>Slovakia</th>
<th>Land Title Registration (Registration of rights of ownership, mortgages etc.)</th>
<th>National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries</th>
<th>Land Use</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Address</strong> Geodesy, Cartography and Cadastre Authority of the Slovak Republic Stromova 1 837 86 Bratislava Slovak Republic</td>
<td>The same as Land Title Registration</td>
<td>The same as Land Title Registration</td>
</tr>
<tr>
<td></td>
<td><strong>Telephone Number</strong> +421 2 59 37 44 31</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Fax Number</strong> +421 2 59 37 43 56</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>E Mail Address</strong> <a href="mailto:valis@vugk.sk">valis@vugk.sk</a> <a href="mailto:niksova@geodesy.gov.sk">niksova@geodesy.gov.sk</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Internet Home Page Address</strong> <a href="http://www.geodesy.gov.sk">http://www.geodesy.gov.sk</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Contact Name</strong> Juraj Valis Nadezda Niksova</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Ministry responsible</strong> The Geodesy, Cartography and Cadastre Authority of the Slovak Republic is the central body of the state administration (at the level of the ministry)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Organisation and Government Responsibility

### Section A

**Name and Address of responsible organisation(s):**

| Slovenia | Land Title Registration  
(Registration of rights of ownership, mortgages etc.) | National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries | Land Use |
|----------|---------------------------------------------------|--------------------------------------------------------------------------|---------|
| **Address** | The Supreme Court of the Republic of Slovenia  
Tavcarjeva 9  
SI - 1000 Ljubljana  
Slovenia | Surveying and Mapping Authority of the Republic of Slovenia  
Zemljemerska Ulica 12  
SI - 1000 Ljubljana  
Slovenia | Ministry of Agriculture, Forestry and Food  
Dunajska Cesta 56-58  
SI – 1000 Ljubljana  
Slovenia |
| **Telephone Number** | + 386 1 366 42 00 | + 386 1 478 48 00 | + 386 1 478 90 32 |
| **Fax Number** | + 386 1 366 43 01 | + 386 1 478 49 09 | + 386 1 478 90 13 |
| **E Mail Address** | alenka.jelenc-puklavec@sodisce.si | ales.seliskar@gov.si | alenka.rotter@gov.si |
| **Contact Name** | Alenka Jelenc-Puklavec | Ales Seliskar | Alenka Rotter |
| **Ministry responsible** | Ministry of Justice | Ministry of Environment and Spatial Planning | Ministry of Agriculture, Forestry and Food |
## Organisation and Government Responsibility

Name and Address of responsible organisation(s):

### Spain

<table>
<thead>
<tr>
<th>Land Title Registration (Registration of rights of ownership, mortgages etc.)</th>
<th>National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries</th>
<th>Land Use</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Address</strong></td>
<td>Colegio de Registradores de la Propiedad C/ Diego de León 21 28006 Madrid</td>
<td>Dirección General del Catastro Paseo de la Castellana, 272 28046 - Madrid</td>
</tr>
<tr>
<td><strong>Telephone Number</strong></td>
<td>341 272 18 78</td>
<td>341 583 67 42</td>
</tr>
<tr>
<td><strong>Fax Number</strong></td>
<td>341 564 12 05</td>
<td>341 583 67 52</td>
</tr>
<tr>
<td><strong>E Mail Address</strong></td>
<td>Director.RI @registradores.org</td>
<td><a href="mailto:director.general@catastro.minhac.es">director.general@catastro.minhac.es</a></td>
</tr>
<tr>
<td><strong>Internet Home Page Address</strong></td>
<td><a href="http://www.registradores.org">www.registradores.org</a></td>
<td><a href="http://www.catastro.minhac.es">www.catastro.minhac.es</a> (general information) <a href="http://ovc.catastro.minhac.es/">http://ovc.catastro.minhac.es/</a> (cadastral data and cartography via web)</td>
</tr>
<tr>
<td><strong>Contact Name</strong></td>
<td>Fernando Méndez Decano del colegio</td>
<td>Jesus S. Miranda Hita Director General</td>
</tr>
<tr>
<td><strong>Ministry responsible</strong></td>
<td>Ministerio de Justicia</td>
<td>Ministerio de Economia y Hacienda (Ministry for Economy and Finances)</td>
</tr>
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</table>
## Organisation and Government Responsibility

**Name and Address of responsible organisation(s):**

<table>
<thead>
<tr>
<th><strong>Sweden</strong></th>
<th><strong>Land Title Registration</strong> (Registration of rights of ownership, mortgages etc.)</th>
<th><strong>National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries</strong></th>
<th><strong>Land Use</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Address</strong></td>
<td>Seven local courts under the administrative supervision of National Courts Administration (Domstolsverket), S–551 81 Jönköping</td>
<td>Lantmäteriet (The National Land Survey) S-80182 Gävle, Sweden</td>
<td>290 municipalities for intended land use, but actual land use recorded as part of valuation process and also in Land Data Bank System (for which National Land Survey is responsible)</td>
</tr>
<tr>
<td><strong>Telephone Number</strong></td>
<td>+46 36 155300</td>
<td>+46 26 633000</td>
<td></td>
</tr>
<tr>
<td><strong>Fax Number</strong></td>
<td>+46 36 165721</td>
<td>+46 26 611738</td>
<td></td>
</tr>
<tr>
<td><strong>E Mail Address</strong></td>
<td><a href="mailto:domstolsverket@dom.se">domstolsverket@dom.se</a></td>
<td><a href="mailto:bengt.kjellson@lm.se">bengt.kjellson@lm.se</a></td>
<td></td>
</tr>
<tr>
<td><strong>Internet Home Page Address</strong></td>
<td><a href="http://www.dom.se">www.dom.se</a></td>
<td><a href="http://www.lantmateriet.se">http://www.lantmateriet.se</a></td>
<td></td>
</tr>
<tr>
<td><strong>Contact Name</strong></td>
<td>Charlotte Brokelind</td>
<td>Bengt Kjellson</td>
<td></td>
</tr>
<tr>
<td><strong>Ministry responsible</strong></td>
<td>Ministry of Justice</td>
<td>Ministry of Environment</td>
<td></td>
</tr>
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</table>
# Organisation and Government Responsibility

Name and Address of responsible organisation(s):

<table>
<thead>
<tr>
<th>Switzerland</th>
<th>Land Title Registration (Registration of rights of ownership, mortgages etc.)</th>
<th>National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries</th>
<th>Land Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Eidg. Amt für Grundbuch - und Bodenrecht Taubernstr 16 CH - 3003 Bern Switzerland</td>
<td>Swiss Federal Directorate of Cadastral Surveying Seftigenstrasse 264 CH - 3084 Wabern Switzerland</td>
<td>Swiss Federal Office of Statistics CH - 3003 Bern Switzerland</td>
</tr>
<tr>
<td>Telephone Number</td>
<td>+41 31 322 41 80</td>
<td>+41 31 963 24 13</td>
<td>+41 32 713 67 04</td>
</tr>
<tr>
<td>Fax Number</td>
<td>+41 31 322 44 83</td>
<td>+41 31 963 22 97</td>
<td>+41 32 713 65 60</td>
</tr>
<tr>
<td>E Mail Address</td>
<td><a href="mailto:manual.mueller@bj.admin.ch">manual.mueller@bj.admin.ch</a></td>
<td><a href="mailto:info_vd@LT.admin.ch">info_vd@LT.admin.ch</a></td>
<td><a href="mailto:arealstatostik@bfs.admin.ch">arealstatostik@bfs.admin.ch</a></td>
</tr>
<tr>
<td>Contact Name</td>
<td>Manuel Müller</td>
<td>Department of Defense, Civil Protection and Sport</td>
<td>Andreas Finger Rainer Humbel</td>
</tr>
<tr>
<td>Ministry responsible</td>
<td>Department of Justice and Police</td>
<td></td>
<td>Department of the Interior</td>
</tr>
</tbody>
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### Organisation and Government Responsibility

**Name and Address of responsible organisation(s):**

<table>
<thead>
<tr>
<th>Country</th>
<th>Land Title Registration (Registration of rights of ownership, mortgages etc.)</th>
<th>National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries</th>
<th>Land Use</th>
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</thead>
<tbody>
<tr>
<td>Turkey</td>
<td>Land Registry and Cadastre of Turkey</td>
<td>Land Registry and Cadastre of Turkey</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0-312-425 4631</td>
<td>0-312-425 4631</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0-312-4186103</td>
<td>0-312-4186103</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Nihat Sahin</td>
<td>Nihat Sahin</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ministry of State</td>
<td>Ministry of State</td>
<td></td>
</tr>
</tbody>
</table>
## Organisation and Government Responsibility

### Name and Address of responsible organisation(s):

<table>
<thead>
<tr>
<th>United Kingdom</th>
<th>Land Title Registration (Registration of rights of ownership, mortgages etc.)</th>
<th>National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries</th>
<th>Land Use</th>
</tr>
</thead>
</table>
| **England & Wales** | H M Land Registry  
Lincoln’s Inn Fields  
London  
United Kingdom  
WC2A 3PH | Ordinance Survey  
Romsey Road  
Southampton  
United Kingdom  
SO16 4GU | Department for Environment, Food and Rural Affairs (DEFRA)  
Nobel House  
17 Smith Square  
London  
United Kingdom  
SW1P 3JR |
<p>| <strong>Address</strong> | +44 (0) 20 7917 8888 | +44 23 8079 2131 | +44 (0) 20 7238 6951. |
| <strong>Telephone Number</strong> | +44 (0) 20 7955 0110 | +44 23 8079 2230 | +44 (0) 20 7238 6609 |
| <strong>Fax Number</strong> | <a href="mailto:alan.pemberton@landregistry.gsi.gov.uk">alan.pemberton@landregistry.gsi.gov.uk</a> | <a href="mailto:Clare.Hadley@ordnancesurvey.co.uk">Clare.Hadley@ordnancesurvey.co.uk</a> | <a href="mailto:helpline@defra.gsi.gov.uk">helpline@defra.gsi.gov.uk</a> |
| <strong>E Mail Address</strong> | <a href="http://www.landregistry.gov.uk">http://www.landregistry.gov.uk</a> | <a href="http://www.ordnancesurvey.co.uk">www.ordnancesurvey.co.uk</a> | <a href="http://www.defra.gov.uk">www.defra.gov.uk</a> |
| <strong>Internet Home Page Address</strong> | Alan Pemberton | Clare Hadley | DEFRA |
| <strong>Contact Name</strong> | Department for Constitutional Affairs | Office of Deputy Prime Minister | |</p>
<table>
<thead>
<tr>
<th>United Kingdom</th>
<th>Land Title Registration (Registration of rights of ownership, mortgages etc.)</th>
<th>National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries</th>
<th>Land Use</th>
</tr>
</thead>
</table>
| **Northern Ireland** | Land Registers of Northern Ireland  
Lincoln Building,  
27-45, Great Victoria Street,  
Belfast, BT2 7SL  
(Registration of rights of ownership, mortgages etc) | Ordnance Survey Northern Ireland  
Colby House,  
Stranmillis Court,  
Belfast, BT9 5BJ | |
| **Address** | ( +44) 028 90 251 555 | | |
| **Telephone Number** | ( +44) 028 90 251 550 | | |
| **Fax Number** | | | |
| **E Mail Address** | patricia.montgomery@lrni.gov.uk | | |
| **Internet Home Page Address** | www.lrni.gov.uk | | |
| **Contact Name** | Patricia Montgomery | | |
| **Ministry responsible** | Department of Finance and Personnel | | |
# Organisation and Government Responsibility

Name and Address of responsible organisation(s):

<table>
<thead>
<tr>
<th><strong>United Kingdom</strong></th>
<th><strong>Scotland</strong></th>
<th><strong>Land Title Registration</strong></th>
<th><strong>National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries</strong></th>
<th><strong>Land Use</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Address</strong></td>
<td></td>
<td>Registers of Scotland Executive Agency</td>
<td>Ordnance Survey</td>
<td>Macaulay Land Use Research Institute</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Meadowbank House</td>
<td>Romsey Road</td>
<td>Craigiebuckler</td>
</tr>
<tr>
<td></td>
<td></td>
<td>153 London Road</td>
<td>Southampton</td>
<td>Aberdeen AB15 8QH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Edinburgh EH8 7AU</td>
<td>United Kingdom</td>
<td></td>
</tr>
<tr>
<td><strong>Telephone Number</strong></td>
<td></td>
<td>( +44) 0131 659 6111</td>
<td>+44 23 8079 2131</td>
<td>( +44) 01224 318611</td>
</tr>
<tr>
<td><strong>Fax Number</strong></td>
<td></td>
<td>( +44) 0131 459 1221</td>
<td>+44 23 8079 2230</td>
<td>( +44) 01224 311556</td>
</tr>
<tr>
<td><strong>E Mail Address</strong></td>
<td><a href="mailto:jim.meldrum@ros.gov.uk">jim.meldrum@ros.gov.uk</a></td>
<td><a href="mailto:Clare.Hadley@ordnancesurvey.co.uk">Clare.Hadley@ordnancesurvey.co.uk</a></td>
<td><a href="mailto:d.miller@mluri.sari.ac.uk">d.miller@mluri.sari.ac.uk</a></td>
<td></td>
</tr>
<tr>
<td><strong>Internet Home Page Address</strong></td>
<td><a href="http://www.ros.gov.uk">www.ros.gov.uk</a></td>
<td><a href="http://www.ordnancesurvey.co.uk">www.ordnancesurvey.co.uk</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Contact Name</strong></td>
<td>Jim Meldrum</td>
<td>Clare Hadley</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Ministry responsible</strong></td>
<td>Minister for Communities</td>
<td>Office of Deputy Prime Minister</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Dr. David Miller</td>
<td>Secretary of State for Scotland</td>
</tr>
</tbody>
</table>
Land Title Registration

1. Do you have a system for recording Land Ownership and if so, how is it recorded?

<table>
<thead>
<tr>
<th>Country</th>
<th>Yes</th>
<th>No</th>
<th>A register of title by title number</th>
<th>A register of deeds by parcel identifier</th>
<th>Both (please provide details)</th>
<th>Other records (please provide details)</th>
<th>How is the register record described locally</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albania</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓ United Register for Immovable Property, Rights on Immovable Property and Deeds with Immovable Property</td>
<td>Regjistri I Kartelave Te Pasurise Se Paluaqitshme (Register of Kartelas of Immoveable Properties)</td>
</tr>
<tr>
<td>Armenia</td>
<td>✓</td>
<td></td>
<td></td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>Legal cadastre</td>
</tr>
<tr>
<td>Austria</td>
<td>✓</td>
<td></td>
<td></td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>Grundbuch: a Title System Principles: 1. Validity by registration 2. Publicity and others</td>
</tr>
<tr>
<td>Azerbaijan</td>
<td>✓</td>
<td></td>
<td></td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>The State Book of Registration and Control of Land Use (Kniga Gosudarstvenogo ucheta e registrasii zemlopolzovania) The Cadastral Book of Lands of Organisations, Enterprises and Institutions (Kniga Kadastra zemel organisasii, predpriatii e uchrezdenii)</td>
</tr>
<tr>
<td>Belarus</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>Kataster Nekretnina (Real Estate)</td>
</tr>
</tbody>
</table>
## Land Title Registration

### Section B

1. Do you have a system for recording Land Ownership and if so, how is it recorded?

<table>
<thead>
<tr>
<th>Country</th>
<th>Yes</th>
<th>No</th>
<th>A register of title by title number</th>
<th>A register of title by parcel identifier</th>
<th>A register of deeds</th>
<th>Both (please provide details)</th>
<th>Other records (please provide details)</th>
<th>How is the register record described locally</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bosnia &amp; Herzegovina</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
<td>Zemljisna Knjiga, Kataster Nekretnina, Kataster Zemljista</td>
</tr>
<tr>
<td>Bulgaria</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Canada</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alberta</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
<td>Titles are all maintained in electronic database. Documents regarding interests registered on the title are in the process of being imaged so they can be searched and displayed as part of the on-line system</td>
</tr>
<tr>
<td>British Columbia</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
<td>Certificate of Title under Torrens System</td>
</tr>
<tr>
<td>Manitoba</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td></td>
<td>✓</td>
<td>✓ Land under Torrens system governed by the Real Property Act. Land under the Common Law governed by the Registry Act</td>
<td>Daily record of all transactions recorded against land</td>
<td>A Torrens Title System of Registration</td>
</tr>
<tr>
<td>New Brunswick</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td></td>
<td>✓</td>
<td>✓ Dual Registries, Registers and Land Titles, Coexist</td>
<td></td>
<td>✓ Title Register</td>
</tr>
</tbody>
</table>

*Note: The symbol ✓ indicates that the system is present.*
<table>
<thead>
<tr>
<th></th>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Ontario</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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</tr>
<tr>
<td>Prince Edward Island</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>Grantor/Grantee Indexes</td>
<td></td>
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<td>Saskatchewan</td>
<td>✓</td>
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<td>✓</td>
<td>certificate of title</td>
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<tr>
<td>Croatia</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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<td>Land Register</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Cyprus</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>Katastr nemovitosti</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Czech Republic</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>Tingbog</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Denmark</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>Kinnistusraamat</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Estonia</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>Lainhutto - ja Kiinnitysrekisteri</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Finland</td>
<td>✓</td>
<td></td>
<td>✓ By real estate identifier (a real estate may have several parcels)</td>
<td>✓</td>
<td>✓ Grundbuch/Land register</td>
<td>Inventory list(parcel)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>France</td>
<td>✓</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Grundbuch</td>
</tr>
<tr>
<td>Germany</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Land Title Registration

**Section B**

1. Do you have a system for recording Land Ownership and if so, how is it recorded?

<table>
<thead>
<tr>
<th>Country</th>
<th>Yes</th>
<th>No</th>
<th>A register of title</th>
<th>A register of deeds</th>
<th>Both</th>
<th>Other records</th>
<th>How is the register record described locally</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>by title number</td>
<td>by parcel identifier</td>
<td></td>
<td>(please provide details)</td>
<td></td>
</tr>
<tr>
<td>Germany (cont.)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Georgia</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Greece</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hungary</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **A register of title**
  - By title number
  - By parcel identifier

- **A register of deeds**
  - By parcel identifier

- **Both** (please provide details)

- **Other records** (please provide details)
  - Identifier, location, size and use respective to the real estate cadastre
  - Pt 1: ownership
  - Pt 2: special rights eg usufruct of land, landed servitudes, life estate, right of way
  - Pt 3: hypothecs, mortgages, land charges

- **How is the register record described locally**
  - Public Register
  - Old system - Registry Offices or Register of Deeds and mortgages
  - New system - national cadastral system of Greece
  - Ingatlan-Nyilvántartás

Germany (cont.)

- Germany
  - Yes
  - No
  - A register of title
  - A register of deeds
  - Both
  - Other records
  - How is the register record described locally

Georgia

- Georgia
  - Yes
  - No
  - A register of title
  - A register of deeds
  - Both
  - Other records
  - How is the register record described locally

Greece

- Greece
  - Yes
  - No
  - A register of title
  - A register of deeds
  - Both
  - Other records
  - How is the register record described locally

Hungary

- Hungary
  - Yes
  - No
  - A register of title
  - A register of deeds
  - Both
  - Other records
  - How is the register record described locally
<table>
<thead>
<tr>
<th>Hungary (cont.)</th>
<th>Iceland</th>
<th>✓</th>
<th>✓</th>
<th>✓</th>
<th>✓</th>
<th>✓</th>
<th>✓</th>
<th>✓</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Ireland</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

- The register of land ownership in the register of deeds does not at all times coincide with Fasteignaskra.
- The Land Registry maintains public registers of documents consisting of folios and maps. The Folio document:
  - describes where a given piece of registered property is physically located
  - identifies that location by reference to the corresponding Land Registry map
  - provides details of the registered owner(s) - name, postal address, legal status of title etc.
  - identifies the legal burdens e.g. mortgages, rights of way, rights of residence etc. affecting the property.
- The boundaries and extent of each property are shown on map records also maintained by the organisation. Each parcel has a plan reference number which appears on the master index map and also on the folio relating to the parcel.
- There are also separate maps attached to each folio known as Filed Plan maps that illustrate the individual land parcels relating to a deeds; data on utilisation, soil quality, usufruct, limitations of disposition etc.

Fasteignaskra = Computerised Register of land and real properties in houses

Land Registry (Register of Titles), Registry of Deeds
Land Title Registration

1. Do you have a system for recording Land Ownership and if so, how is it recorded?

<table>
<thead>
<tr>
<th>Country</th>
<th>Yes</th>
<th>No</th>
<th>A register of title</th>
<th>A register of deeds</th>
<th>Both (please provide details)</th>
<th>Other records (please provide details)</th>
<th>How is the register record described locally</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ireland (cont.)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>particular folio. The folio can be regarded as the textual record of the legal title to a piece of land and the filed plan map as the graphical record of that land. The two documents complement each other and, together, provide a comprehensive records base for business transactions and enquiries relating to land. In operation since 1891 approx 85% of the land titles in Ireland are now registered in the Land Registry and the remaining titles ie those not yet registered in the Land Registry are recorded in the Registry of Deeds which has operated since 1707. Each register (folio) has a separate number and collectively the folios form the Land Register. Both registries are under the control and management of the Registrar of Deeds and Titles and are known as the Land Registry and the Registry of Deeds.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Country</td>
<td>Address Management</td>
<td>Property Management</td>
<td>Names Management</td>
<td>Deeds Management</td>
<td>Registration of Real Property</td>
<td></td>
<td></td>
</tr>
<tr>
<td>------------------</td>
<td>--------------------</td>
<td>---------------------</td>
<td>------------------</td>
<td>-----------------</td>
<td>------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ireland (cont.)</td>
<td>At a national level. Yes – see above for explanation. However we have a decentralised office which handles one third of our business and over the next three years we will open another similar office at a second decentralised location.</td>
<td>Land Registry: Virtually all folios are computerised. The filed plan map of each folio is also held in scanned format. The large scale index maps are in paper format. Registry of Deeds: A significant portion of the records, which account for a large volume of activity, are held in computerized format.</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Italy</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Latvia</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>Zemesgrāmata (Land book)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Liechtenstein</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>Grundbuch</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lithuania</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>Real Property Register (land, buildings, flats and rights to them)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Luxembourg</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>Registres Cadastraux</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
1. Do you have a system for recording Land Ownership and if so, how is it recorded?

<table>
<thead>
<tr>
<th>Country</th>
<th>Yes</th>
<th>No</th>
<th>A register of title</th>
<th>A register of deeds</th>
<th>Both (please provide details)</th>
<th>Other records (please provide details)</th>
<th>How is the register record described locally</th>
</tr>
</thead>
<tbody>
<tr>
<td>FYRO Macedonia</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td>Zakon Za Premer Katastar i Zapisuvange na Pravata na Nedviznostite. (Popular name Katastar na Nedviznosti)</td>
</tr>
<tr>
<td>Malta</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Land Register</td>
</tr>
<tr>
<td>Republic of Moldova</td>
<td>✓</td>
<td></td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>All deeds are kept, actual situation is extracted from these deeds and recorded in the cadastral registration</td>
<td>Registru Bunurilor Imobilare (Register of Real Estate)</td>
</tr>
<tr>
<td>Netherlands</td>
<td>✓</td>
<td></td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
<td>“Kadaster”</td>
</tr>
<tr>
<td>Norway</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Grunnbok</td>
</tr>
<tr>
<td>Poland</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Ksiegi Wieczyste</td>
</tr>
</tbody>
</table>

The purpose of managing the land and mortgage registers is to settle the legal status of the real estate. Land and mortgage register constitute public record of rights in rem to the real estate manifesting its legal status in virtue of notarial deeds, administrative decisions, courts verdicts and other documents.
<table>
<thead>
<tr>
<th>Country</th>
<th>✓</th>
<th>✓</th>
<th>✓</th>
<th>✓</th>
<th>✓</th>
<th>✓</th>
<th>✓</th>
<th>✓</th>
<th>✓</th>
</tr>
</thead>
<tbody>
<tr>
<td>Portugal</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Romania</td>
<td></td>
<td></td>
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<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Russian Federation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>San Marino</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Serbia</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*deeds under public seal and probated private contracts concerning the transfer of real property and landed estate, final judgements, and succession statements

Before 1998 land ownership was registered in the Land Book by cadastral identifier or street address. If the unit of real estate does not have a cadastral identifier then the unit is assigned a number by the registration authority. Starting from January 1998 the land ownership record will be done in the Unified State Register of Rights to Real Property and Transactions With It.

**Zemljisna Knjiga or Land Book** (similar by contents to Grundbuch) within local municipal courts presents paper title records, i.e. manual registration about ownership rights and obligations (i.e. limits and restrictions), but also data about parcel number,

**Registri Catastali** c/o Land Registry Office
**Registri Delle Proprietà immobiliari** c/o The Office of Public Records and Mortgages, where everyone is free to consult the “Tables of Records and Registrations”

**Jedinstvena Evidencija** (Unique Evidence) presents synthesis of Land Cadastre and Land Book, an automatized ownership registration in expansion.
## Land Title Registration

1. Do you have a system for recording Land Ownership and if so, how is it recorded?

<table>
<thead>
<tr>
<th>Country</th>
<th>Yes</th>
<th>No</th>
<th>A register of title</th>
<th>A register of deeds</th>
<th>Both (please provide details)</th>
<th>Other records (please provide details)</th>
<th>How is the register record described locally</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serbia (contd)</td>
<td>✓</td>
<td></td>
<td>✓ by title number</td>
<td>✓ by parcel identifier</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Slovakia</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td>Cadastre of Real Estates/kataster nehnutel’nosti</td>
</tr>
<tr>
<td>Slovenia</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td>Land Register</td>
</tr>
<tr>
<td>Spain</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td>Registro de la Propiedad</td>
</tr>
<tr>
<td>Sweden</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Inskrivningsregister</td>
</tr>
<tr>
<td>Switzerland</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td>Grundbuch/registre foncier/registro fondiano</td>
</tr>
<tr>
<td>Turkey</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td>Tapu Sicili</td>
</tr>
<tr>
<td>United Kingdom</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>England &amp; Wales</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td>Register of Title</td>
</tr>
<tr>
<td>Northern Ireland</td>
<td>✓</td>
<td></td>
<td>✓ by title number</td>
<td>✓ by parcel identifier</td>
<td>✓ Two systems co-exist. Land Registry for registered title and Registry of Deeds for unregistered title. However, as Northern Ireland has now been declared a compulsory first registration area, unregistered titles will</td>
<td></td>
<td>Land Registry (for registered land) Registry of Deeds (for unregistered land)</td>
</tr>
<tr>
<td>Northern Ireland (contd)</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------------------</td>
<td>---</td>
<td>---</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Scotland</em></td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Land Register of Scotland is a register of title - General Register of Sasines is a register of deeds - the former is progressively replacing the latter.*
B2. Please indicate which of the following items are included in these records:

<table>
<thead>
<tr>
<th>Country</th>
<th>Purchase Price Paid</th>
<th>Legal Rights</th>
<th>Existence of Secured Loan</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albania</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Armenia</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Austria</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Azerbaijan</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Belarus</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Bosnia and Herzegovina</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Bulgaria</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Canada</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Alberta</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>British Columbia</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Manitoba</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>New Brunswick</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Ontario</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Croatia</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Cyprus</td>
<td>✓</td>
<td>✓</td>
<td>✓ (any charge against the property)</td>
</tr>
<tr>
<td>Country</td>
<td>Czech Republic</td>
<td>Denmark</td>
<td>Estonia</td>
</tr>
<tr>
<td>------------------------</td>
<td>----------------</td>
<td>---------</td>
<td>---------</td>
</tr>
<tr>
<td></td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Land Title Registration

### Section B

**B2.** Please indicate which of the following items are included in these records:

<table>
<thead>
<tr>
<th>Country</th>
<th>Purchase Price Paid</th>
<th>Legal Rights</th>
<th>Existence of Secured Loan</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poland</td>
<td>✓</td>
<td>✓</td>
<td>✓ (hypothecary security)</td>
</tr>
<tr>
<td>Portugal</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Romania</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Russian Federation</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>San Marino</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Serbia</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Slovakia</td>
<td>In records since 1.1.2005</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Slovenia</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Spain</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Sweden</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Switzerland</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Turkey</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>England &amp; Wales</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Northern Ireland</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Scotland</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

✓ All data about legal rights, mortgages, tenure, transactions, etc., on property are included in this database feature class.
**Land Title Registration**

### Section B

**B3. Is this system administered and maintained:**

<table>
<thead>
<tr>
<th>Country</th>
<th>At a National Level</th>
<th>At State or Province Level</th>
<th>At Regional Level</th>
<th>Other (please specify)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Albania</strong></td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Armenia</strong></td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Austria</strong></td>
<td>✓ (storage &amp; administration)</td>
<td></td>
<td>✓ (Maintenance)</td>
<td></td>
</tr>
<tr>
<td><strong>Azerbaijan</strong></td>
<td></td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td><strong>Belarus</strong></td>
<td>✓</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td><strong>Bosnia &amp; Herzegovina</strong></td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Bulgaria</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Canada</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Alberta</strong></td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>British Columbia</strong></td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Manitoba</strong></td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>New Brunswick</strong></td>
<td>✓</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td><strong>Ontario</strong></td>
<td>✓</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td><strong>Prince Edward Island</strong></td>
<td>✓ By County within Province</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Saskatchewan</strong></td>
<td>✓</td>
<td></td>
<td>✓</td>
<td>8 Customer Service Centres</td>
</tr>
<tr>
<td><strong>Croatia</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Land Title Registration

### Section B

#### B3. Is this system administered and maintained:

<table>
<thead>
<tr>
<th>Country</th>
<th>At a National Level</th>
<th>At State or Province Level</th>
<th>At Regional Level</th>
<th>Other (please specify)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyprus</td>
<td>✓</td>
<td></td>
<td></td>
<td>Each of the 6 districts administers its own Land Registers under the overall control of the Director at a national level.</td>
</tr>
<tr>
<td>Czech Republic</td>
<td>✓ maintenance, supervision, central data base of digital data</td>
<td></td>
<td></td>
<td>The system is a part of the lower courts. The contents of the register are kept in a central database</td>
</tr>
<tr>
<td>Denmark</td>
<td>✓</td>
<td></td>
<td></td>
<td>Our system is administered and maintained at a national level and at regional level. The local courts update the data. The central data system is supervised by the Ministry of Justice</td>
</tr>
<tr>
<td>Estonia</td>
<td>✓</td>
<td></td>
<td></td>
<td>The data is updated by the local courts. The central data system is supervised by the Ministry of Justice</td>
</tr>
<tr>
<td>Finland</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>France</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Germany</td>
<td>✓ (New Cadastral system)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Greece</td>
<td>✓</td>
<td>✓ (The register of land and real properties in houses)</td>
<td>✓ (The register of deeds)</td>
<td></td>
</tr>
<tr>
<td>Hungary</td>
<td>✓</td>
<td></td>
<td></td>
<td>✓ Old System</td>
</tr>
<tr>
<td>Iceland</td>
<td>✓ (The register of land and real properties in houses)</td>
<td>✓ (The register of deeds)</td>
<td></td>
<td>Maintenance of duplicate Registers of Titles</td>
</tr>
<tr>
<td>Ireland</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Country</td>
<td>Supervision, central database of digital data</td>
<td>Cadastral, offices in districts</td>
<td>Note - the LR intends seeking ways of compiling/holding data at Local Council level (recently set up).</td>
<td></td>
</tr>
<tr>
<td>-------------------------</td>
<td>---------------------------------------------</td>
<td>--------------------------------</td>
<td>--------------------------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Italy</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Latvia</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Liechtenstein</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lithuania</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Luxembourg</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FYRO Macedonia</td>
<td>✓Supervision, central database of digital data</td>
<td>✓Cadastral, offices in districts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Malta</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Republic of Moldova</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Netherlands</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Norway</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Poland</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Portugal</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Romania</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Russian Federation</td>
<td>✓Administered</td>
<td>✓Administered</td>
<td></td>
<td></td>
</tr>
<tr>
<td>San Marino</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Serbia</td>
<td>✓Administration and supervision (Sector for Informatics and Communication and Sector for Supervision within RGA)</td>
<td>✓Maintained</td>
<td>✓Local Real Estate Cadastre Offices are legally responsible to maintain JE database.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Note: Parliament has decided to transfer land registration from the courts
### B3. Is this system administered and maintained:

<table>
<thead>
<tr>
<th>Country</th>
<th>At a National Level</th>
<th>At State or Province Level</th>
<th>At Regional Level</th>
<th>Other (please specify)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Slovakia</td>
<td>✓</td>
<td></td>
<td>✓cadastral offices in districts</td>
<td></td>
</tr>
<tr>
<td>Slovenia</td>
<td>✓Supervision with central database</td>
<td></td>
<td>✓(local)</td>
<td></td>
</tr>
<tr>
<td>Spain</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sweden</td>
<td>✓</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Switzerland</td>
<td></td>
<td>✓</td>
<td></td>
<td>Registration is made at seven of the lower courts. The computerised register is kept in a central, national database (part of the Land Data Bank System, for which the National Land Survey is responsible).</td>
</tr>
<tr>
<td>Turkey</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>United Kingdom</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>England &amp; Wales</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Northern Ireland</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scotland</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Land Title Registration

#### Section B

**B4. Are these records held:**

<table>
<thead>
<tr>
<th>Country</th>
<th>In a computerised format (indicate percentage)</th>
<th>As Paper / Manual Records</th>
<th>In a Combination of Both</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albania</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Armenia</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Austria</td>
<td>✓ 100%</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Azerbaijan</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Belarus</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Bosnia &amp; Herzegovina</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Bulgaria</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Canada</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Alberta</td>
<td>✓ 100% (microfilm documents being converted to digital images)</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>British Columbia</td>
<td>✓ 100%</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Manitoba</td>
<td>✓ 80%</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>New Brunswick</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Ontario</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>✓ 100% of current titles by end of 2002</td>
<td>✓ Instrumets other than current titles to be imaged as time allows</td>
<td>✓</td>
</tr>
</tbody>
</table>
## Land Title Registration

### Section B

**B4. Are these records held:**

<table>
<thead>
<tr>
<th>Country</th>
<th>In a computerised format (indicate percentage)</th>
<th>As Paper / Manual Records</th>
<th>In a Combination of Both</th>
</tr>
</thead>
<tbody>
<tr>
<td>Croatia</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Cyprus</td>
<td></td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Czech Republic</td>
<td>✓ (conversion will be finished in 1998)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Denmark</td>
<td>✓ 100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Estonia</td>
<td>✓</td>
<td>✓</td>
<td>✓ Computerisation of the Land Register is in the last phase.</td>
</tr>
<tr>
<td>Finland</td>
<td>✓ 100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>France</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Germany</td>
<td>Computerisation begun</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Greece</td>
<td>✓ New cadastral system 100%</td>
<td></td>
<td>old system</td>
</tr>
<tr>
<td>Hungary</td>
<td>✓ 100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Iceland</td>
<td>✓ The Register of Land and Real properties in Houses (98-100%)</td>
<td>✓ The Register of Deeds</td>
<td></td>
</tr>
<tr>
<td>Ireland</td>
<td>✓ In the Land Registry 18% of the Folios are on computer. In the Register of Deeds some of the abstracts are on computer, resulting in 40% of all searches being done on computer.</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Italy</td>
<td>✓ 90%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Latvia</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Country</td>
<td>Status</td>
<td>Comment</td>
<td></td>
</tr>
<tr>
<td>--------------------------</td>
<td>--------</td>
<td>------------------------------------------------------------------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Liechtenstein</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lithuania</td>
<td>✓ 100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Luxembourg</td>
<td>✓</td>
<td>In the coming years - solely in a computerised format (copies in paper records being kept by the Notary).</td>
<td></td>
</tr>
<tr>
<td>FYRO Macedonia</td>
<td>✓ 100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Malta</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Republic of Moldova</td>
<td>✓ 100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Netherlands</td>
<td>✓ 100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Norway</td>
<td>✓ 100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Poland</td>
<td>✓</td>
<td>With decisive supremacy of paper</td>
<td></td>
</tr>
<tr>
<td>Portugal</td>
<td>✓ 10%</td>
<td>90%</td>
<td></td>
</tr>
<tr>
<td>Romania</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Russian Federation</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>San Marino</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Serbia</td>
<td>✓</td>
<td>At this moment, JE operates on 33% of the Republic of Serbia territory. Further transformation is in process.</td>
<td></td>
</tr>
<tr>
<td>Slovakia</td>
<td>✓ 100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Slovenia</td>
<td>✓ 100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spain</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sweden</td>
<td>✓ 100%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Land Title Registration

#### Section B

B4. Are these records held:

<table>
<thead>
<tr>
<th>Country</th>
<th>In a computerised format (indicate percentage)</th>
<th>As Paper / Manual Records</th>
<th>In a Combination of Both</th>
</tr>
</thead>
<tbody>
<tr>
<td>Switzerland</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Turkey</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>United Kingdom</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>England &amp; Wales</td>
<td>✓ 100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Northern Ireland</td>
<td>✓ 100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scotland</td>
<td>✓ 100%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

✓ Until now 16 cantons have been authorised by the Federal Council to keep the land register (Grundbuch) in a computerised format.

✓
# Land Title Registration

## Section B

### B5. Is this data open to public inspection

<table>
<thead>
<tr>
<th>Country</th>
<th>By Any Member of the Public Without Restriction</th>
<th>By Any Member of the Public With Restriction in the level of Access</th>
<th>By Professional Parties Only</th>
<th>By Other Groups (please specify)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albania</td>
<td>☑️</td>
<td>☑️</td>
<td></td>
<td>☑️ Search by name only for public authorities and notaries</td>
</tr>
<tr>
<td>Armenia</td>
<td>☑️</td>
<td>☑️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Austria</td>
<td>☑️</td>
<td>☑️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Azerbaijan</td>
<td>☑️ If inquiries are for immovable property unit, not for a person</td>
<td>☑️ If key in inquiries are person’s identification data</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Belarus</td>
<td>☑️</td>
<td>☑️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bosnia &amp; Herzegovina</td>
<td>☑️</td>
<td>☑️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bulgaria</td>
<td>☑️</td>
<td>☑️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Canada</td>
<td>☑️</td>
<td>☑️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alberta</td>
<td>☑️ (on payment of prescribed fees)</td>
<td>☑️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>British Columbia</td>
<td>☑️ (available on line through BCO)</td>
<td>☑️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Manitoba</td>
<td>☑️ (to search public record)</td>
<td>☑️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>New Brunswick</td>
<td>☑️</td>
<td>☑️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ontario</td>
<td>☑️</td>
<td>☑️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td>☑️ within office procedures</td>
<td>☑️</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Land Title Registration

### Section B

**B5. Is this data open to public inspection**

<table>
<thead>
<tr>
<th>Country</th>
<th>By Any Member of the Public Without Restriction</th>
<th>By Any Member of the Public With Restriction in the level of Access</th>
<th>By Professional Parties Only</th>
<th>By Other Groups (please specify)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saskatchewan</td>
<td>✓ (available on-line)</td>
<td></td>
<td></td>
<td>By interested parties with restrictions in the level of access.</td>
</tr>
<tr>
<td>Croatia</td>
<td></td>
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</tr>
<tr>
<td>Cyprus</td>
<td>✓</td>
<td></td>
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<tr>
<td>Czech Republic</td>
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<tr>
<td>Denmark</td>
<td>✓</td>
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<tr>
<td>Estonia</td>
<td>✓</td>
<td></td>
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<tr>
<td>Finland</td>
<td>✓</td>
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<tr>
<td>France</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Germany</td>
<td>✓ Public authorities and notaries, owners (for their own property)</td>
<td>✓ Any one else with a justified interest</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Greece</td>
<td>✓ (not the personal data)</td>
<td></td>
<td></td>
<td>✓ (Old system)</td>
</tr>
<tr>
<td>Hungary</td>
<td>✓ Open access with very limited exception e.g military areas</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Iceland</td>
<td>✓</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Ireland</td>
<td>✓ On payment of the prescribed fee. Computerised records can also be inspected via the internet by anyone who opens an Electronic Access Service (EAS) account.</td>
<td></td>
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</tr>
<tr>
<td>Country</td>
<td>Access</td>
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<td>Access</td>
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</tr>
<tr>
<td>Italy</td>
<td>✓</td>
<td></td>
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<tr>
<td>Latvia</td>
<td>✓</td>
<td></td>
<td></td>
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<tr>
<td>Liechtenstein</td>
<td></td>
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</tr>
<tr>
<td>Lithuania</td>
<td>✓ (Courts, prosecutors, state security offices, notaries, bailiffs)</td>
<td>✓ Real property agencies, private companies, telecommunication agencies, architects, municipalities, advocates, etc)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Luxembourg</td>
<td></td>
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</tr>
<tr>
<td>FYRO Macedonia</td>
<td>✓</td>
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<tr>
<td>Malta</td>
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<tr>
<td>Republic of Moldova</td>
<td></td>
<td>✓</td>
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<td></td>
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<tr>
<td>Netherlands</td>
<td>✓</td>
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<tr>
<td>Norway</td>
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<tr>
<td>Poland</td>
<td></td>
<td>✓ Restricted access to the file of land and mortgage register (law interest is required)</td>
<td></td>
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<tr>
<td>Portugal</td>
<td></td>
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<tr>
<td>Romania</td>
<td></td>
<td>✓ Restricted only for specific destination area, against charges.</td>
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<tr>
<td>Russian Federation</td>
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<tr>
<td>San Marino</td>
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<tr>
<td>Serbia</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Slovakia</td>
<td>✓ (exempt the identical personal number and deeds)</td>
<td>✓ (to the identical personal number and to the deeds)</td>
<td>✓ The identical personal number and the deeds are open to owner and any other entitled persons.</td>
<td></td>
</tr>
</tbody>
</table>
## Land Title Registration

### Section B

**B5. Is this data open to public inspection**

<table>
<thead>
<tr>
<th>Country</th>
<th>By Any Member of the Public Without Restriction</th>
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<th>By Professional Parties Only</th>
<th>By Other Groups (please specify)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Slovenia</td>
<td></td>
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<td></td>
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<tr>
<td>Spain</td>
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<tr>
<td>Sweden</td>
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<td>Switzerland</td>
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<tr>
<td>Turkey</td>
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<tr>
<td>United Kingdom</td>
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<td>England &amp; Wales</td>
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<tr>
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<tr>
<td>Northern Ireland</td>
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<td></td>
<td>Scotland</td>
</tr>
</tbody>
</table>
B6. Is the system of property transfer/land registration guaranteed by the state?

<table>
<thead>
<tr>
<th>Country</th>
<th>No</th>
<th>Yes (please provide brief details in the space provided)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albania</td>
<td></td>
<td>✓ The law explicitly guarantees the protection of legal rights of the registration system</td>
</tr>
<tr>
<td>Armenia</td>
<td></td>
<td>✓ According to the legislation of the Republic of Armenia the title registration and property transfer is guaranteed by the State</td>
</tr>
<tr>
<td>Austria</td>
<td></td>
<td>✓ Yes Responsibility and guaranties of State Registration offices for mistakes in registration activity are pointed in the Registration Law (2003)</td>
</tr>
<tr>
<td>Azerbaijan</td>
<td>Not at this moment, although, it will be once new legislation has been passed.</td>
<td>✓ 5% of registration fees are applied to an Assurance Fund which will provide land owners and registered interest holders with financial compensation if their interest is lost due to fraud, forgery or error by the Land Titles.</td>
</tr>
<tr>
<td>Belarus</td>
<td></td>
<td>✓ Yes Provincial Title Assurance fund maintained through a charge for each transaction</td>
</tr>
<tr>
<td>Bosnia and Herzegovina</td>
<td></td>
<td>✓ For land under the operation of the Real Property Act, provision for an Assurance Fund to pay for claims where action arises out of an error, omission of the District Registrar or by virtue of the operation of the Act, some limitation where claim arises out of a mineral interest.</td>
</tr>
<tr>
<td>Bulgaria</td>
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<tr>
<td>Canada</td>
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<tr>
<td>Alberta</td>
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<tr>
<td>British Columbia</td>
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<tr>
<td>Manitoba</td>
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</tr>
</tbody>
</table>
## Land Title Registration

### Section B

**B6. Is the system of property transfer/land registration guaranteed by the state?**

<table>
<thead>
<tr>
<th>Country</th>
<th>No</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Brunswick</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Ontario</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Saskatchewan</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Croatia</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Cyprus</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Czech Republic</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Denmark</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Estonia</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Finland</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>France</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Germany</td>
<td></td>
<td>✓</td>
</tr>
</tbody>
</table>

**New Brunswick**

- Land Titles only. Title to Registry Parcels is not guaranteed.

**Ontario**

There are two types of land registration in the Province – Registry, a geographical based system of registration and, Land Titles, a parcelized by ownership system. The government guarantees ownership of property under the Land Titles system.

**Prince Edward Island**

- The Land Titles Act guarantees indefeasible title except in certain exceptions listed in the Act.

**Saskatchewan**

- It is stated by law that proprietary and other material rights to real estates will come into power by their registration to the cadastre.

**Croatia**

- Guaranteed by the State in the sense that the State pays compensation when title is registered incorrectly.

**Cyprus**

- By law on the Land Register

**Czech Republic**

- The data in the register is guaranteed by state for an individual in Good Faith.

**Denmark**

- A change in property ownership becomes effective in law at the moment of entry in the land register. That way the land register reproduces the actual legal position. Artificial presumption of truth and complete registration...
<table>
<thead>
<tr>
<th>Country</th>
<th>System Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Germany (cont.)</td>
<td>✓ Old system</td>
</tr>
<tr>
<td>Greece</td>
<td>✓ Under the new Hellenic Cadastre System</td>
</tr>
<tr>
<td>Hungary</td>
<td>✓ The safe and secure transfer of title can be freely conveyed. In Hungary the Government acts as the guarantor of title through the act of registration of property which records all required legal, administrative, financial and physical description information within the system of register and upon the cadastral map</td>
</tr>
<tr>
<td>Iceland</td>
<td>✓ Land Registry. The Register of Title is conclusive in respect of a purchaser for value in good faith - the state compensating any person suffering a loss by reason of an error in registration. Registry of Deeds. The registration of deeds affords a priority but does not confer any additional validity and there is no guarantee by the state.</td>
</tr>
<tr>
<td>Ireland</td>
<td>✓ By the Civil law</td>
</tr>
<tr>
<td>Italy</td>
<td>✓ The basis of the guarantee is Liechtenstein Civil Law.</td>
</tr>
<tr>
<td>Latvia</td>
<td>✓ Law on Real Property Register foresees the State Guarantee</td>
</tr>
<tr>
<td>Liechtenstein</td>
<td>The Cadastre furnishes the details of proprietorship to the Notary. The notary executes authentic deeds. The registry office records the deeds. One copy is sent to the Cadastre. After one year the Cadastre publishes the new proprietor in his public register.</td>
</tr>
<tr>
<td>Lithuania</td>
<td>✓ With certificate from the court.</td>
</tr>
<tr>
<td>Luxembourg</td>
<td>✓ - where Government is involved.</td>
</tr>
<tr>
<td>FYRO Macedonia</td>
<td>- if 10 years elapse from date of application unless a title with qualification is issued or unless an objection/caution has been lodged.</td>
</tr>
<tr>
<td>Malta</td>
<td>- dealings in an absolute title.</td>
</tr>
</tbody>
</table>
## Land Title Registration

### Section B

**B6. Is the system of property transfer/land registration guaranteed by the state?**

<table>
<thead>
<tr>
<th>Country</th>
<th>Yes (please provide brief details in the space provided)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Republic of Moldova</td>
<td>✓ It is proposed to create a warranty fund from a percentage of registration fee</td>
</tr>
<tr>
<td>Netherlands</td>
<td>✓ The Cadastre, Land Registry and Mapping Agency guarantees the correct processing of the notarial deeds in the Land Registers and the cadastral maps.</td>
</tr>
<tr>
<td>Norway</td>
<td>✓ By law on the Land Register</td>
</tr>
<tr>
<td>Poland</td>
<td>✓ The land and mortgage register is managed to record legal status of property having credibility guaranteed by the State. It has public nature. The right to property becomes overt at the moment of entry in land and mortgage register and enjoys the presumed consistence with factual legal status and the public warranty of credibility of land and mortgage register.</td>
</tr>
<tr>
<td>Portugal</td>
<td>✓ Titles registered in the land register are state guaranteed</td>
</tr>
<tr>
<td>Romania</td>
<td>✓ The property right and claims on the state are guaranteed. The private property is equally guaranteed by law, irrespective of title.</td>
</tr>
<tr>
<td>Russian Federation</td>
<td>✓ Federal Law on Registration or Right to Real Property and transactions with it.</td>
</tr>
<tr>
<td>San Marino</td>
<td>✓ Each Local Cadastral Office has Pisarnicu, i.e. department for Office Documentation Management and File Registration, where each application is entering in database (ID, day-hour-minute of receiving, etc.) and consider according to order of arriving</td>
</tr>
<tr>
<td>Serbia</td>
<td>✓</td>
</tr>
<tr>
<td>Slovakia</td>
<td>✓</td>
</tr>
<tr>
<td>Country</td>
<td>Guarantee Type</td>
</tr>
<tr>
<td>----------------</td>
<td>-------------------------------------</td>
</tr>
<tr>
<td>Slovenia</td>
<td>✓ by personal liability of civil servant</td>
</tr>
<tr>
<td>Spain</td>
<td>✓ by personal liability of civil servant</td>
</tr>
<tr>
<td>Sweden</td>
<td></td>
</tr>
<tr>
<td>Switzerland</td>
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<tr>
<td>Turkey</td>
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<tr>
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<td>Northern Ireland</td>
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<tr>
<td>Scotland</td>
<td></td>
</tr>
</tbody>
</table>
B7. Do you have a system to protect an application to record a change of ownership against another pre-dated transfer? (for instance by establishing priority rules for registration applications)

<table>
<thead>
<tr>
<th>Country</th>
<th>No</th>
<th>Yes (please provide brief details in the space provided)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albania</td>
<td>No</td>
<td>✓ A seal with date and time defines the priority</td>
</tr>
<tr>
<td>Armenia</td>
<td>No</td>
<td>✓ The sequence of entries follows the sequence of applications</td>
</tr>
<tr>
<td>Austria</td>
<td>No</td>
<td>✓ Registration at land Titles establishes priority not date of transfer.</td>
</tr>
<tr>
<td>Azerbaijan</td>
<td>No, as all land is the property of the state</td>
<td>✓ Torrens System, each registration on title is assigned a unique priority number</td>
</tr>
<tr>
<td>Belarus</td>
<td>No</td>
<td>✓ Each registration is assigned a priority no. unique to that instrument. Where a title is created, a unique title of that ownership is created.</td>
</tr>
<tr>
<td>Bosnia and Herzegovina</td>
<td>No</td>
<td>✓ Documents are dealt with in sequential order (Time Stamp) of receipt</td>
</tr>
<tr>
<td>Bulgaria</td>
<td>No</td>
<td>✓ The Land Titles Act establishes priority rules by order of registration.</td>
</tr>
<tr>
<td>Canada</td>
<td>No</td>
<td>✓ Registration at land Titles establishes priority not date of transfer.</td>
</tr>
<tr>
<td>Alberta</td>
<td>Yes</td>
<td>✓ Torrens System, each registration on title is assigned a unique priority number</td>
</tr>
<tr>
<td>British Columbia</td>
<td>Yes</td>
<td>✓ Each registration is assigned a priority no. unique to that instrument. Where a title is created, a unique title of that ownership is created.</td>
</tr>
<tr>
<td>Manitoba</td>
<td>Yes</td>
<td>✓ Documents are dealt with in sequential order (Time Stamp) of receipt</td>
</tr>
<tr>
<td>New Brunswick</td>
<td>Yes</td>
<td>✓ The Land Titles Act establishes priority rules by order of registration.</td>
</tr>
<tr>
<td>Ontario</td>
<td>Yes</td>
<td>✓ Torrens System, each registration on title is assigned a unique priority number</td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td>Yes</td>
<td>✓ Each registration is assigned a priority no. unique to that instrument. Where a title is created, a unique title of that ownership is created.</td>
</tr>
<tr>
<td>Country</td>
<td>Remarks</td>
<td></td>
</tr>
<tr>
<td>--------------------</td>
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<td></td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>✓ Transfers and other instruments are subject to instruments previously registered on our database. A search of the database is done each time a transfer is received.</td>
<td></td>
</tr>
<tr>
<td>Croatia</td>
<td>✓ Based upon the time the declaration of transfer has been deposited in the Land Registry office.</td>
<td></td>
</tr>
<tr>
<td>Cyprus</td>
<td>✓ The priority of entries is stated by the law that depends on the moment of presentation or entry requirement.</td>
<td></td>
</tr>
<tr>
<td>Czech Republic</td>
<td>✓ A day-book is kept in order to establish priority of applications. Applications received on the same day have equal rights.</td>
<td></td>
</tr>
<tr>
<td>Denmark</td>
<td>✓ Priority by application time.</td>
<td></td>
</tr>
<tr>
<td>Estonia</td>
<td>✓ Based on time when the application has been left in the local court.</td>
<td></td>
</tr>
<tr>
<td>Finland</td>
<td>✓ The sequence of inscriptions follows the sequence of applications made, not of applications finished.</td>
<td></td>
</tr>
<tr>
<td>France</td>
<td>✓ The land registration system is based on, and secured by, a strict filing system logging the timing of application entries.</td>
<td></td>
</tr>
<tr>
<td>Germany</td>
<td>✓ A document in violation of a pre-dated transfer is not accepted in the Register of Deeds.</td>
<td></td>
</tr>
<tr>
<td>Hungary</td>
<td>✓ In both systems of registration priority is generally in accordance with the date of lodgment for registration. However a person who has entered into a contract to purchase, take a lease of or lend money on the security of a charge on land, the title of which is registered in the Land Registry, may make an application to have an entry made in the register after an official search, whereupon an application for registration of the instrument to complete the contract shall, provided it is in order and is delivered within a period of 14 days from the date of the entry, rank in priority before any other registration made in respect of that property within that period.</td>
<td></td>
</tr>
<tr>
<td>Iceland</td>
<td>✓ A day-book is kept in order to establish priority of applications.</td>
<td></td>
</tr>
<tr>
<td>Ireland</td>
<td>✓ Establishing priorities are regulated by the law of Landbooks of the Republic of Latvia.</td>
<td></td>
</tr>
<tr>
<td>Italy</td>
<td>✓ Establishing priorities are regulated by the law of Landbooks of the Republic of Latvia.</td>
<td></td>
</tr>
</tbody>
</table>
**Land Title Registration**

**Section B**

**B7.** Do you have a system to protect an application to record a change of ownership against another pre-dated transfer? (for instance by establishing priority rules for registration applications)

<table>
<thead>
<tr>
<th>Country</th>
<th>No</th>
<th>Yes (please provide brief details in the space provided)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liechtenstein</td>
<td></td>
<td>✓ Legal acts establish that the first application submitted for registration receives the priority over the subsequent ones.</td>
</tr>
<tr>
<td>Lithuania</td>
<td></td>
<td>✓ By archiving the documents</td>
</tr>
<tr>
<td>Luxembourg</td>
<td>✓</td>
<td>✓ Priority by application time</td>
</tr>
<tr>
<td>FYRO Macedonia</td>
<td></td>
<td>✓ The agreement of sale (which precedes the notarial deed of transfer) might be registered (voluntary base), which give a 6 month notice. The notarial deed has to be registered (compulsory base), as registration is one of the requirements for a legal delivery. The deeds are filed as they come in, which gives a ranking that determines the priority.</td>
</tr>
<tr>
<td>Malta</td>
<td>✓ but we are working on a system whereby following a promise of sale, an official search will serve as a caution “blocking” the registration process. But in principle a first come first served principle applies.</td>
<td>✓ Priority by application time. A binding contract to sell the property may be recorded before the deed, and will block the registration of deeds which are not in line with the contract.</td>
</tr>
<tr>
<td>Republic of Moldova</td>
<td></td>
<td>✓ “Reference to application”. The day of submitting of application for entry in register decides about its registration sequence. Sequence of application is decisive for qualification of precedence of rights to property presented in land and mortgage register. The reference to application results in reservation the place in register and to make obstruction against applications with higher numbers (it means submitted later).</td>
</tr>
<tr>
<td>Netherlands</td>
<td></td>
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<tr>
<td>Norway</td>
<td></td>
<td></td>
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<tr>
<td>Poland</td>
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<td></td>
</tr>
<tr>
<td>Country</td>
<td>Note</td>
<td></td>
</tr>
<tr>
<td>--------------------</td>
<td>----------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Portugal</td>
<td>✓ A day-book is used to establish priority of registration</td>
<td></td>
</tr>
<tr>
<td>Romania</td>
<td>✓ In the input registry the date and hour of the application is recorded.</td>
<td></td>
</tr>
<tr>
<td>Russian Federation</td>
<td>✓ The applications are registered as they come in. The priority rules are not established in a sense as they are described in western countries.</td>
<td></td>
</tr>
<tr>
<td>Serbia</td>
<td>✓ Each Local Cadastral Office has Pisarnicu, i.e. department for Office Documentation Management and File Registration, where each application is entering in database (ID, day-hour-minute of receiving, etc.) and consider according to order of arriving</td>
<td></td>
</tr>
<tr>
<td>San Marino</td>
<td>✓ - special “seal” is put into the database so that application sent at specific time could not be “overcome” by later application.</td>
<td></td>
</tr>
<tr>
<td>Slovakia</td>
<td>✓ - pre-emption right is also involved.</td>
<td></td>
</tr>
<tr>
<td>Slovenia</td>
<td>✓ Registrations made according to order of precedence of Land Register Proposals</td>
<td></td>
</tr>
<tr>
<td>Spain</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Sweden</td>
<td>✓ The first application delivered for registration receives priority over any application subsequently received. A preliminary but binding contract to sell the property may be recorded before the concluding transfer documents and will block the registration of documents which are not associated with the contract.</td>
<td></td>
</tr>
<tr>
<td>Switzerland</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Turkey</td>
<td>✓ Every kind of changes on the records and also transfers are done at the same office and on the same Land Record Books. That’s why another pre-dated transfer not possible.</td>
<td></td>
</tr>
<tr>
<td>United Kingdom</td>
<td>✓ An application for registration delivered to a land registry office generally receives priority over any application subsequently received. A prospective purchaser may, however, apply for an official search in advance of lodging the application to transfer the title. The Official Search which also gives details of any adverse entries made on the register after a given date, gives priority to this application for a period of 30 days. Any other application received during this priority period is postponed until after the registration of the original application protected by the search.</td>
<td></td>
</tr>
</tbody>
</table>

*Note: ✓ indicates a positive note.*
B7. Do you have a system to protect an application to record a change of ownership against another pre-dated transfer? (for instance by establishing priority rules for registration applications)

<table>
<thead>
<tr>
<th>Country</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Northern Ireland</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Scotland</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>

In both systems of registration, priority is generally in accordance with the date of lodgement for registration. However, the Land Registry legislation provides for a priority search which is available to a person who has entered into a contract to purchase, take a lease of or lend money on the security of a charge on registered land. The certificate of the result of the search gives details of any entries made on the relevant part of the register after a given date and also states that a priority entry has been made on that part of the register. The priority entry consists of a note to the effect that if the instrument to complete the purchase, lease or charge is lodged in the Land Registry within a period of 40 days from the date the application for the priority search was received, it will rank in priority before any other registration made in respect of that property within that period.
## Section B

**B8.** What was the total number of applications received to record a change in property ownership in last year?

<table>
<thead>
<tr>
<th>Country</th>
<th>Total of number of applications received to record a change in property ownership annually</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albania</td>
<td>Approximately 16,000</td>
</tr>
<tr>
<td>Armenia</td>
<td>44,789</td>
</tr>
<tr>
<td>Austria</td>
<td>800,000</td>
</tr>
<tr>
<td>Azerbaijan</td>
<td>None</td>
</tr>
<tr>
<td>Belarus</td>
<td>136211 – Deeds. 391896 – Total number of applications.</td>
</tr>
<tr>
<td>Bosnia and Herzegovina</td>
<td>No information available</td>
</tr>
<tr>
<td>Bulgaria</td>
<td></td>
</tr>
<tr>
<td>Canada</td>
<td>181,000 titles issued, approximately 1,000,000 registrations</td>
</tr>
<tr>
<td><em>Alberta</em></td>
<td></td>
</tr>
<tr>
<td><em>British Columbia</em></td>
<td>Approx 800,000</td>
</tr>
<tr>
<td><em>Manitoba</em></td>
<td>70,000 titles issued. 180,000 registrations</td>
</tr>
<tr>
<td><em>New Brunswick</em></td>
<td>25,000 ± Titles changed, 100,000 ± registrations</td>
</tr>
<tr>
<td><em>Ontario</em></td>
<td>1.9 million registrations. (Not all registrations record a change in ownership. This number includes all dealings with property e.g. mortgages, liens, discharges, etc.</td>
</tr>
<tr>
<td><em>Prince Edward Island</em></td>
<td>3,000</td>
</tr>
<tr>
<td><em>Saskatchewan</em></td>
<td>227,376 including all types of changes (from January – December 2000)</td>
</tr>
<tr>
<td>Croatia</td>
<td>No information available</td>
</tr>
<tr>
<td>Cyprus</td>
<td>50,000</td>
</tr>
</tbody>
</table>
**Land Title Registration**

**Section B**

**B8. What was the total number of applications received to record a change in property ownership last year?**

<table>
<thead>
<tr>
<th>Country</th>
<th>Total of number of applications received to record a change in property ownership annually</th>
</tr>
</thead>
<tbody>
<tr>
<td>Czech Republic</td>
<td>667,000</td>
</tr>
<tr>
<td>Denmark</td>
<td>160,000</td>
</tr>
<tr>
<td>Estonia</td>
<td>90,000</td>
</tr>
<tr>
<td>Finland</td>
<td>122,000</td>
</tr>
<tr>
<td>France</td>
<td>–</td>
</tr>
<tr>
<td>Germany</td>
<td>Unknown</td>
</tr>
<tr>
<td>Greece</td>
<td>approx. 800000-1000000 changes of all kind of property rights per year</td>
</tr>
<tr>
<td>Hungary</td>
<td>2,450,482 (2000). Please note number of ownership changes is not statistically registered and reported.</td>
</tr>
<tr>
<td>Iceland</td>
<td>Acc. to Icelandic Law each apartment in a condominium can be a real property. Actually this is the most common property in Iceland. Transfers of ownership for all kinds of properties numbered approximately 17,000 in 1996.</td>
</tr>
<tr>
<td>Ireland</td>
<td>There were approx 350,000 registrations made in the Land Registry and 70,000 in the Registry of Deeds during 2002. These figures include all registrations ie changes of ownership, mortgages, leases, first registrations, etc..</td>
</tr>
<tr>
<td>Italy</td>
<td>About 2,900,000</td>
</tr>
<tr>
<td>Latvia</td>
<td>170,000 approx.</td>
</tr>
<tr>
<td>Liechtenstein</td>
<td>Data not available</td>
</tr>
<tr>
<td>Lithuania</td>
<td>245,000</td>
</tr>
<tr>
<td>Luxembourg</td>
<td>For the whole country: 18,000 deeds (40,000 lots of land)</td>
</tr>
<tr>
<td>FYRO Macedonia</td>
<td>About 15,000</td>
</tr>
<tr>
<td>Country</td>
<td>Number or Information Available</td>
</tr>
<tr>
<td>------------------------------</td>
<td>---------------------------------</td>
</tr>
<tr>
<td>Malta</td>
<td>See No. B9</td>
</tr>
<tr>
<td>Republic of Moldova</td>
<td>No information supplied</td>
</tr>
<tr>
<td>Netherlands</td>
<td>450,000</td>
</tr>
<tr>
<td>Norway</td>
<td>145,000</td>
</tr>
<tr>
<td>Poland</td>
<td>The number of submitted applications is not known. Total number of applications settled by Courts, Sections of Land and Mortgage Register amounts to 1,953,170 (ownership and restricted rights in rem to land, buildings and apartments in block of flats).</td>
</tr>
<tr>
<td>Portugal</td>
<td>– Not supplied</td>
</tr>
<tr>
<td>Romania</td>
<td>About 2,000,000 applications</td>
</tr>
<tr>
<td>Russian Federation</td>
<td>11.3 million</td>
</tr>
<tr>
<td>San Marino</td>
<td>1,160</td>
</tr>
<tr>
<td>Serbia</td>
<td>– Not supplied</td>
</tr>
<tr>
<td>Slovakia</td>
<td>450,000 approximately</td>
</tr>
<tr>
<td>Slovenia</td>
<td>Unknown</td>
</tr>
<tr>
<td>Spain</td>
<td>1,890,000</td>
</tr>
<tr>
<td>Sweden</td>
<td>250,000</td>
</tr>
<tr>
<td>Switzerland</td>
<td>Not Supplied</td>
</tr>
<tr>
<td>Turkey</td>
<td>2,360,544</td>
</tr>
<tr>
<td>United Kingdom</td>
<td></td>
</tr>
<tr>
<td>England &amp; Wales</td>
<td>4 million</td>
</tr>
<tr>
<td>Northern Ireland</td>
<td>61,454 in Land Registry. 26,697 in Registry of Deeds</td>
</tr>
<tr>
<td>Scotland</td>
<td>182,000 (2003/04)</td>
</tr>
</tbody>
</table>
Land Title Registration

**Section B**

B9. If records are maintained of the following information please indicate the approximate number of properties transferred annually:

<table>
<thead>
<tr>
<th>Country</th>
<th>From State Ownership to the Private Sector?</th>
<th>Within the Private Sector?</th>
<th>How Many Mortgages Were Registered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albania</td>
<td>Not available</td>
<td>181,000</td>
<td>215,000</td>
</tr>
<tr>
<td>Armenia</td>
<td>11,369</td>
<td>33,420</td>
<td>2,878 400,000</td>
</tr>
<tr>
<td>Austria</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Azerbaijan</td>
<td>(None, answers to Q. 7, 8 &amp; 9 will be available once the Land Reform Law has been passed).</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Belarus</td>
<td>No information</td>
<td>No information</td>
<td>6000</td>
</tr>
<tr>
<td>Bosnia and Herzegovina</td>
<td>No information</td>
<td>No information</td>
<td>No information</td>
</tr>
<tr>
<td>Bulgaria</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Canada</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alberta</td>
<td>Records not maintained</td>
<td>181,000</td>
<td>215,000</td>
</tr>
<tr>
<td>British Columbia</td>
<td>Minimal – number not available</td>
<td>800,000</td>
<td></td>
</tr>
<tr>
<td>Manitoba</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>37,000</td>
</tr>
<tr>
<td>New Brunswick</td>
<td>Not maintained</td>
<td>Not maintained</td>
<td>30,000</td>
</tr>
<tr>
<td>Ontario</td>
<td>This information is not separately maintained</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td></td>
<td></td>
<td>3,500</td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>Will be available in new system</td>
<td>Will be available in new system</td>
<td>28,393 (January – November 2000)</td>
</tr>
<tr>
<td>------------------</td>
<td>------------</td>
<td>------------</td>
<td>------------</td>
</tr>
<tr>
<td>Croatia</td>
<td>Not observed</td>
<td>70,000</td>
<td>15,000</td>
</tr>
<tr>
<td>Cyprus</td>
<td>Not observed</td>
<td>90,000</td>
<td>27,500</td>
</tr>
<tr>
<td>Czech Republic</td>
<td>Not observed</td>
<td>Not observed</td>
<td>Not observed</td>
</tr>
<tr>
<td>Denmark</td>
<td>60</td>
<td>160,000</td>
<td>280,000</td>
</tr>
<tr>
<td>Estonia</td>
<td>No information</td>
<td>No information</td>
<td>77,000</td>
</tr>
<tr>
<td>Finland</td>
<td>50</td>
<td>110,500</td>
<td>150,000</td>
</tr>
<tr>
<td>France</td>
<td>–</td>
<td>Unknown</td>
<td>Unknown</td>
</tr>
<tr>
<td>Germany</td>
<td>Unknown</td>
<td>Unknown</td>
<td>Unknown</td>
</tr>
<tr>
<td>Greece</td>
<td>no records</td>
<td>approx. 540,000 (census 1996)</td>
<td>approx 165,000 (census 1996)</td>
</tr>
<tr>
<td>Hungary</td>
<td>Very few</td>
<td>about 1.71 million</td>
<td>0.74 million</td>
</tr>
<tr>
<td>Iceland</td>
<td>No records maintained but estimated to be few</td>
<td>No records maintained but few</td>
<td>Not known</td>
</tr>
<tr>
<td>Ireland</td>
<td>We do not maintain these figures. However for 2002 it is estimated that over 100,000 mortgages were registered and that Irish financial institutions loaned €10.8 billion for the purchase of houses alone.</td>
<td>Unknown</td>
<td>Not available</td>
</tr>
<tr>
<td>Italy</td>
<td>30,000</td>
<td>Unknown</td>
<td>300,000</td>
</tr>
<tr>
<td>Latvia</td>
<td>139,000</td>
<td>30,000</td>
<td>18,000</td>
</tr>
<tr>
<td>Liechtenstein</td>
<td>Data not available</td>
<td>180,000</td>
<td>10,000</td>
</tr>
<tr>
<td>Lithuania</td>
<td>48,500 (including land, buildings and flats) in 2004</td>
<td>190,500 (including land, buildings and flats) in 2004</td>
<td>31,100 in 2004</td>
</tr>
<tr>
<td>Luxembourg</td>
<td>± 500 lots (number of properties)</td>
<td>the rest 500 lots (number of properties)</td>
<td>This information is held by the Administration of the registry office.</td>
</tr>
</tbody>
</table>
### Land Title Registration

**Section B**

B9. If records are maintained of the following information please indicate the approximate number of properties transferred annually:

<table>
<thead>
<tr>
<th>Country</th>
<th><strong>From State Ownership to the Private Sector?</strong></th>
<th><strong>Within the Private Sector?</strong></th>
<th><strong>How Many Mortgages Were Registered</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>FYRO Macedonia</td>
<td>3,000</td>
<td>11,000</td>
<td>1,000</td>
</tr>
<tr>
<td>Malta</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Republic of Moldova</td>
<td>Till 1995 1 million landshare ownerships</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Netherlands</td>
<td>difference between state and private ownership is not distinguished</td>
<td>404,000</td>
<td>597,000</td>
</tr>
<tr>
<td>Norway</td>
<td>1%</td>
<td>99%</td>
<td>Approx 450,000</td>
</tr>
<tr>
<td>Poland</td>
<td>174,200</td>
<td>457,400</td>
<td>No data available</td>
</tr>
<tr>
<td>Data in question 9 comes from notary offices, however not every notary transaction is reflected in the land and mortgage register.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Portugal</td>
<td>Data not available</td>
<td>Data not available</td>
<td>Data not available</td>
</tr>
<tr>
<td>Romania</td>
<td>470,000 in 2004</td>
<td>Data not available</td>
<td>Data not available</td>
</tr>
<tr>
<td>Russian Federation</td>
<td>41,475</td>
<td>385,024</td>
<td>760</td>
</tr>
<tr>
<td>San Marino</td>
<td>Data not available</td>
<td>Data not available</td>
<td>163</td>
</tr>
<tr>
<td>Serbia</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>Slovakia</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>Slovenia</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>Country</td>
<td>Percentage</td>
<td>Number of Applications</td>
<td>Additional Information</td>
</tr>
<tr>
<td>-------------------</td>
<td>------------</td>
<td>------------------------</td>
<td>------------------------</td>
</tr>
<tr>
<td>Spain</td>
<td>1%</td>
<td>1,890,000</td>
<td></td>
</tr>
<tr>
<td>Sweden</td>
<td>Data not available</td>
<td>272,353</td>
<td></td>
</tr>
<tr>
<td>Switzerland</td>
<td></td>
<td></td>
<td>1,600,000</td>
</tr>
<tr>
<td>Turkey</td>
<td>Not available separately</td>
<td>2,215,821</td>
<td>400,000 (incl. cancellation of mortgages and other associated applications)</td>
</tr>
<tr>
<td>United Kingdom</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>England &amp; Wales</td>
<td>Not available separately</td>
<td>1,464,622</td>
<td></td>
</tr>
<tr>
<td>Northern Ireland</td>
<td>Not known</td>
<td></td>
<td>2,962,429</td>
</tr>
<tr>
<td>Scotland</td>
<td>Not available separately</td>
<td>Not available separately</td>
<td>36798 in Land Registry. 30770 in Registry of Deeds</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>230,000 approximately (2003/2004)</td>
</tr>
</tbody>
</table>
B10. If records are maintained please indicate the approximate percentage of arable land in:

<table>
<thead>
<tr>
<th>Country</th>
<th>Private Ownership %</th>
<th>State Ownership %</th>
<th>Of all Arable in your Country what % is rented from the State?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albania</td>
<td>95</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Armenia</td>
<td>66.7</td>
<td>6.28</td>
<td>26.78</td>
</tr>
<tr>
<td>Austria</td>
<td>80</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>Azerbaijan</td>
<td>3.6 (Allotments)</td>
<td>96.4</td>
<td>85.4</td>
</tr>
<tr>
<td>Belarus</td>
<td>0</td>
<td>100</td>
<td>No information</td>
</tr>
<tr>
<td>Bosnia and Herzegovina</td>
<td>29</td>
<td>3</td>
<td>–</td>
</tr>
<tr>
<td>Bulgaria</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Canada</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alberta</td>
<td>Records not maintained</td>
<td></td>
<td></td>
</tr>
<tr>
<td>British Columbia</td>
<td>8%</td>
<td>92%</td>
<td></td>
</tr>
<tr>
<td>Manitoba</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>New Brunswick</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>Ontario</td>
<td>This information is not maintained</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td>95</td>
<td>5</td>
<td>1</td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Croatia</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Country</td>
<td>Percentage</td>
<td>Source</td>
<td>Notes</td>
</tr>
<tr>
<td>-------------------------</td>
<td>------------</td>
<td>--------</td>
<td>----------------------------------------------------------------------</td>
</tr>
<tr>
<td>Cyprus</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Czech Republic</td>
<td>-</td>
<td>Not observed</td>
<td>-</td>
</tr>
<tr>
<td>Denmark</td>
<td>90</td>
<td>10</td>
<td>-</td>
</tr>
<tr>
<td>Estonia</td>
<td>No information</td>
<td>No information</td>
<td>-</td>
</tr>
<tr>
<td>Finland</td>
<td>98.8</td>
<td>0.4</td>
<td>-</td>
</tr>
<tr>
<td>France</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Germany</td>
<td>Unknown</td>
<td>Unknown</td>
<td>Unknown</td>
</tr>
<tr>
<td>Greece</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Hungary</td>
<td>82.5</td>
<td>17.5</td>
<td>-</td>
</tr>
<tr>
<td>Iceland</td>
<td>90</td>
<td>10</td>
<td>-</td>
</tr>
<tr>
<td>Ireland</td>
<td>Not available</td>
<td>Not available</td>
<td>-</td>
</tr>
<tr>
<td>Latvia</td>
<td>86.9%</td>
<td>13 (state and municipalities)</td>
<td>90</td>
</tr>
<tr>
<td>Liechtenstein</td>
<td>Data not available</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Lithuania</td>
<td>88%</td>
<td>12% (State and municipalities)</td>
<td>10%</td>
</tr>
<tr>
<td>Luxembourg</td>
<td>95</td>
<td>5</td>
<td>4%</td>
</tr>
<tr>
<td>FYRO Macedonia</td>
<td>20%</td>
<td>10%</td>
<td>-</td>
</tr>
<tr>
<td>Malta</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Republic of Moldova</td>
<td>70</td>
<td>30</td>
<td>-</td>
</tr>
<tr>
<td>Netherlands</td>
<td>(State and private ownership is not distinguishable)</td>
<td>Not available</td>
<td>2%</td>
</tr>
</tbody>
</table>
B10. If records are maintained please indicate the approximate percentage of arable land in:

<table>
<thead>
<tr>
<th>Country</th>
<th>Private Ownership %</th>
<th>State Ownership %</th>
<th>Of all Arable in your Country what % is rented from the State?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Norway</td>
<td>95</td>
<td>5</td>
<td>2</td>
</tr>
<tr>
<td>Poland</td>
<td>Not available</td>
<td>Not available</td>
<td>No data available</td>
</tr>
<tr>
<td>Portugal</td>
<td>Not available</td>
<td>Not available</td>
<td>No information</td>
</tr>
<tr>
<td>Romania</td>
<td>92.3</td>
<td>3</td>
<td>No information</td>
</tr>
<tr>
<td>Russian Federation</td>
<td>58</td>
<td>42</td>
<td>No data available</td>
</tr>
<tr>
<td>San Marino</td>
<td>70</td>
<td>30</td>
<td>No information</td>
</tr>
<tr>
<td>Serbia</td>
<td>No information</td>
<td>No information</td>
<td>No information</td>
</tr>
<tr>
<td>Slovakia</td>
<td>70</td>
<td>20</td>
<td>Not available</td>
</tr>
<tr>
<td>Slovenia</td>
<td>90</td>
<td>10</td>
<td>Not available</td>
</tr>
<tr>
<td>Spain</td>
<td>30</td>
<td>2</td>
<td>Not available, but very little</td>
</tr>
<tr>
<td>Sweden</td>
<td>95</td>
<td>2</td>
<td>Not available</td>
</tr>
<tr>
<td>Switzerland</td>
<td>Data not available</td>
<td>11</td>
<td>Not available</td>
</tr>
<tr>
<td>Turkey</td>
<td>89</td>
<td>11</td>
<td>Not available</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>Not available</td>
<td>Not available</td>
<td>Not known</td>
</tr>
<tr>
<td><em>England &amp; Wales</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Northern Ireland</td>
<td>Not known</td>
<td>Not known</td>
<td>Not known</td>
</tr>
<tr>
<td><em>Scotland</em></td>
<td>Not available</td>
<td>Not available</td>
<td></td>
</tr>
</tbody>
</table>
### Land Title Registration

B11. How is the work of land/title registration financed in your country?

<table>
<thead>
<tr>
<th>Country</th>
<th>By Government Funding</th>
<th>By Fees for Services</th>
<th>By Other Means (please specify)</th>
<th>Total 100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albania</td>
<td></td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>(The first registration is entirely funded by the government and foreign donors).</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Armenia</td>
<td>5</td>
<td>25 (current activities 100%)</td>
<td>70 (First Title Registration - FTR donor assistance 90%)</td>
<td>100</td>
</tr>
<tr>
<td>Austria</td>
<td></td>
<td>100</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Azerbaijan</td>
<td>100</td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Belarus</td>
<td></td>
<td>100</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Bosnia &amp; Herzegovina</td>
<td></td>
<td>100</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Bulgaria</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Canada</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alberta</td>
<td></td>
<td>100 (Fees recover registry costs)</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>British Columbia</td>
<td></td>
<td>100% – note we are a government funded operation, however our revenue exceeds our budget.</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Manitoba</td>
<td></td>
<td>Fees for services(55%); for registrations(45%)</td>
<td>100 The Property Register is a special Operating Agency of Government. All financing is obtained through fees or other revenue generating services obtained by the Agency through service requests.</td>
<td>100</td>
</tr>
</tbody>
</table>
### Land Title Registration

#### Section B

B11. How is the work of land/title registration financed in your country?

<table>
<thead>
<tr>
<th>Country</th>
<th>By Government Funding %</th>
<th>By Fees for Services</th>
<th>By Other Means (please specify)</th>
<th>Total 100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Brunswick</td>
<td></td>
<td>100 (Fees for services and registrations)</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Ontario</td>
<td></td>
<td>100</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td>100</td>
<td>Registry fees account for approx. 1,700,000 deposited to General Account.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Saskatchewan</td>
<td></td>
<td>Fees collected by ISC (100%)</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Croatia</td>
<td>80</td>
<td>20</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Cyprus</td>
<td>30</td>
<td>70</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Czech Republic</td>
<td>100</td>
<td>Fees for services are returned to the State Budget.</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Denmark</td>
<td></td>
<td>100</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Estonia</td>
<td>100</td>
<td>Fees for services are returned to the State Budget.</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Finland</td>
<td>40</td>
<td>60</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>France</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Germany</td>
<td>Percentage unknown</td>
<td>Percentage unknown</td>
<td>No other means</td>
<td></td>
</tr>
<tr>
<td>Greece</td>
<td>87% for the implementation of the HC</td>
<td>100% for the operation of the old system</td>
<td>approx 13% by EU for the implementation</td>
<td>100</td>
</tr>
<tr>
<td>Country</td>
<td>Score</td>
<td>Description</td>
<td>Code</td>
<td></td>
</tr>
<tr>
<td>------------------------</td>
<td>-------</td>
<td>--------------------------------------------------</td>
<td>------</td>
<td></td>
</tr>
<tr>
<td>Hungary</td>
<td>69</td>
<td></td>
<td>31</td>
<td></td>
</tr>
<tr>
<td>Iceland</td>
<td>100</td>
<td></td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Ireland</td>
<td>100</td>
<td></td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Italy</td>
<td>100</td>
<td></td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Latvia</td>
<td>100</td>
<td></td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Liechtenstein</td>
<td>100</td>
<td></td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Lithuania</td>
<td>100</td>
<td></td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Luxembourg</td>
<td>50</td>
<td></td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>FYRO Macedonia</td>
<td>100</td>
<td></td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Malta</td>
<td>100</td>
<td>(Government recoups part of the expenses through fees.)</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Republic of Moldova</td>
<td>40</td>
<td></td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Netherlands</td>
<td>100</td>
<td></td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Norway</td>
<td>100</td>
<td></td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Poland</td>
<td>100</td>
<td></td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Portugal</td>
<td>100</td>
<td></td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Romania</td>
<td>100</td>
<td></td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Russian Federation</td>
<td>70</td>
<td></td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>San Marino</td>
<td>100</td>
<td></td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Serbia</td>
<td>100</td>
<td></td>
<td>100</td>
<td></td>
</tr>
</tbody>
</table>

No other means 100

50 (grant sources) 100
## Land Title Registration

### B11. How is the work of land/title registration financed in your country?

<table>
<thead>
<tr>
<th>Country</th>
<th>By Government Funding</th>
<th>By Fees for Services</th>
<th>By Other Means (please specify)</th>
<th>Total 100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Slovakia</td>
<td>100</td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Slovenia</td>
<td>85</td>
<td>15</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Spain</td>
<td></td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Sweden</td>
<td>100</td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Switzerland</td>
<td>Not supplied</td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Turkey</td>
<td>85</td>
<td>15</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>United Kingdom</td>
<td></td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>England &amp; Wales</td>
<td></td>
<td>100</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Northern Ireland</td>
<td></td>
<td>100</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Scotland</td>
<td></td>
<td>100</td>
<td></td>
<td>100</td>
</tr>
</tbody>
</table>
## Land Title Registration

B12. What is the total cost annually of:

<table>
<thead>
<tr>
<th>Country</th>
<th>Operating the Land and Title Registration System in Your Country</th>
<th>Investing in the Further Development of Land and Title Registration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albania</td>
<td>No information available; system just started</td>
<td></td>
</tr>
<tr>
<td>Armenia</td>
<td>For FTR nearly 3 million USD – for current activities 1 million</td>
<td>Approximately 5 million USD</td>
</tr>
<tr>
<td>Austria</td>
<td>37 million US$ (estimated)</td>
<td></td>
</tr>
<tr>
<td>Azerbaijan</td>
<td>308,163 thousand Manat</td>
<td>77,110 thousand Manat</td>
</tr>
<tr>
<td>Belarus</td>
<td>No information supplied</td>
<td>No information</td>
</tr>
<tr>
<td>Bosnia and Herzegovina</td>
<td>No information supplied</td>
<td>No information</td>
</tr>
<tr>
<td>Bulgaria</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Canada</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alberta</td>
<td>$11,000,000</td>
<td>$2,000,000 (beginning system redevelopment)</td>
</tr>
<tr>
<td>British Columbia</td>
<td>Approx $10 million</td>
<td>from 2002-2004 we invested approx $7.5 million</td>
</tr>
<tr>
<td>Manitoba</td>
<td>Salaries and operating total – $11,000,000</td>
<td>Provide full internet access and search of Land Titles Databases,</td>
</tr>
<tr>
<td>New Brunswick</td>
<td>$9,000,000 ±</td>
<td>including electronic registration of documents – $6,900,000</td>
</tr>
<tr>
<td>Ontario</td>
<td>Approximately 27.5 million</td>
<td>$ amount varies</td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td>Not supplied</td>
<td>No further information available</td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>$10 million (increase due to change in accounting procedures and move to a Crown Corporation.) $8 million of total is salary and benefits</td>
<td>Unavailable</td>
</tr>
</tbody>
</table>


### Land Title Registration

**Section B**

**B12. What is the total cost annually of:**

<table>
<thead>
<tr>
<th>Country</th>
<th>Operating the Land and Title Registration System in Your Country</th>
<th>Investing in the Further Development of Land and Title Registration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Croatia</td>
<td>No information supplied</td>
<td>£CY 4,000,000</td>
</tr>
<tr>
<td>Cyprus</td>
<td>£CY 9,000,000</td>
<td>150 million CZK</td>
</tr>
<tr>
<td>Czech Republic</td>
<td>800 million CZK</td>
<td>No information</td>
</tr>
<tr>
<td>Denmark</td>
<td>50 MIO DKR (8,5 mio US $)</td>
<td>€0.2 million</td>
</tr>
<tr>
<td>Estonia</td>
<td>No information</td>
<td>Unknown</td>
</tr>
<tr>
<td>Finland</td>
<td>€19 million</td>
<td>About 1.537 million HUF</td>
</tr>
<tr>
<td>France</td>
<td></td>
<td>£70,000</td>
</tr>
<tr>
<td>Germany</td>
<td>Unknown</td>
<td>Unknown</td>
</tr>
<tr>
<td>Greece</td>
<td>No information supplied</td>
<td>About €9,700,000</td>
</tr>
<tr>
<td>Hungary</td>
<td>10,144 million HUF NB: Overall land office activities incl. Institute of Geodesy, Cartography and Remote Sensing (FOM 1)</td>
<td>About 1.537 million HUF</td>
</tr>
<tr>
<td>Iceland</td>
<td>No information supplied</td>
<td>£70,000</td>
</tr>
<tr>
<td>Ireland</td>
<td>Total expenditure for 2002 was €38 million.</td>
<td>No information</td>
</tr>
<tr>
<td>Italy</td>
<td>About €127,300,000</td>
<td>No information</td>
</tr>
<tr>
<td>Latvia</td>
<td>No information supplied</td>
<td>No information</td>
</tr>
<tr>
<td>Liechtenstein</td>
<td>No information supplied</td>
<td>No information</td>
</tr>
<tr>
<td>Country</td>
<td>Cost Description</td>
<td>Cost (Currency)</td>
</tr>
<tr>
<td>-------------------------</td>
<td>-------------------------------------------------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>Lithuania</td>
<td>LTL 28 million (EUR 8.1 million) for the Administration of Cadastre: 334,000,000 FLUX</td>
<td></td>
</tr>
<tr>
<td>Luxembourg</td>
<td>5 million USD</td>
<td></td>
</tr>
<tr>
<td>FYRO Macedonia</td>
<td>Lm220,000 (£Stg 382,800)</td>
<td></td>
</tr>
<tr>
<td>Malta</td>
<td>USD 1,000,000 (in 1997)</td>
<td></td>
</tr>
<tr>
<td>Republic of Moldova</td>
<td>€210 million (incl. Cadastre)</td>
<td></td>
</tr>
<tr>
<td>Norway</td>
<td>Exact figure not available - approx 100 m Norwegian Krona</td>
<td></td>
</tr>
<tr>
<td>Poland</td>
<td>unknown</td>
<td></td>
</tr>
<tr>
<td>Portugal</td>
<td>Data not available</td>
<td></td>
</tr>
<tr>
<td>Romania</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Russian Federation</td>
<td>No information supplied</td>
<td></td>
</tr>
<tr>
<td>San Marino</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Serbia</td>
<td>Not supplied</td>
<td></td>
</tr>
<tr>
<td>Slovakia</td>
<td>SK 380 million</td>
<td></td>
</tr>
<tr>
<td>Slovenia</td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>Spain</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sweden</td>
<td>SEK 200 million</td>
<td></td>
</tr>
<tr>
<td>Switzerland</td>
<td>Not supplied</td>
<td></td>
</tr>
<tr>
<td>Turkey</td>
<td>(a + b) 759,009,922,000 - TL 8,625,000 USD</td>
<td></td>
</tr>
<tr>
<td>United Kingdom</td>
<td>Included in cost of operating land registration system</td>
<td></td>
</tr>
<tr>
<td>England &amp; Wales</td>
<td>£336 million</td>
<td></td>
</tr>
<tr>
<td>Northern Ireland</td>
<td>£8,600,000</td>
<td></td>
</tr>
<tr>
<td>Scotland</td>
<td>£47 million approximately</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Land Title Registration

**B13. Please list the main regulations or legislation under which land and title registration is administered in your country:**

<table>
<thead>
<tr>
<th>Country</th>
<th>Main Regulations or Legislation Under Which Land and Title Registration is Administered</th>
</tr>
</thead>
</table>
| Albania        | Immoveable Property Registration Act July 1994, Law No 7843 at 13.7.94  
Decision of Council of Ministers at 3.5.95 for approval of certificates of Immoveable Property Registration  
Decision of Council of Ministers ( No 432) at 14.8.95 for procedure of registration of Immoveable Properties in urban areas or villages                                                                                                                                 |
| Armenia        | 1 Constitution of ROA  
2 Civil Code  
3 Law on State Registration of Rights and Real Property of ROA  
4 Resolution of the Government on ‘The Regulation of Conducting the State Unified Cadastre of Real Property and Implementation of Real Property Monitoring’  
5 The Resolution of the Government of ROA on ‘The Approval of the Regulation of Real Property Cadastral Coding of ROA’  
6 Resolution of the Government of ROA on ‘The Approval of Scales and Shapes of Cadastral Maps and Cadastral Layouts’  
7 Resolution of the Government on ‘The Approval of the Regulation on First State Registration in the Areas where the Cadastral mapping is completed’  
8 Resolution of the Government on ‘The Approval of the Regulation on the Provision of Information of State Unified Cadastre of Real Property’  
9 The Order of the State Unified Cadastre of Real Property of ROA on ‘The Regulation on Real Property Inventory, Cadastral Valuation, State Registration’.  
10 The Order of the State Committee of the Real Property Cadastre of ROA on ‘The Approval of the List of Fees on State Registration and Provision of Information’ |
| Austria        | Mugg 2004-01-16: Hier sollten wir doch die relevanten Gesetze genauer ausführen…..                                                                                          |
| Azerbaijan     | Land Codex of the Republic of Azerbaijan Laws: “Regarding the Farm Enterprises”, “The Land Reform”, “Regarding Leasing” and a number of Governmental decrees and legislations.                                                                                                    |
| Belarus        | Civil Code (1999)  
Land Code (1999)  
Registration Law (2003)                                                                                                                                                                                                                                           |
<p>| Bosnia and Herzegovina | Zakon o Zemljisnim knjigama, Zakono Premjern / Katastru Nekretnina, Zakon o Premjeru / Katastru Zemljista (Land Register Law, Surveying and Real Estate Law, Surveying and Cadastre Law).                                                                                     |
| Bulgaria       |                                                                                                                                                                                                                                                                         |</p>
<table>
<thead>
<tr>
<th>Country</th>
<th>Legislation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td>Land Titles Act, Law on Property Act (Statutes of Alberta).</td>
</tr>
<tr>
<td><strong>Alberta</strong></td>
<td>Land Title Act.</td>
</tr>
<tr>
<td><strong>British Columbia</strong></td>
<td>The Real Property Act, The Registry Act.</td>
</tr>
<tr>
<td><strong>Manitoba</strong></td>
<td>Registry Act, Land Titles Act</td>
</tr>
<tr>
<td><strong>New Brunswick</strong></td>
<td>Land Titles Act and Regulations thereunder. Registry Act and Regulations thereunder, Land Registration Reform Act and Regulations thereunder.</td>
</tr>
<tr>
<td><strong>Ontario</strong></td>
<td>Registry Act of PEI.</td>
</tr>
<tr>
<td><strong>Prince Edward Island</strong></td>
<td>The Land Titles Act 2000 and Regulations.</td>
</tr>
<tr>
<td><strong>Saskatchewan</strong></td>
<td>The Land Titles Act 2000 and Regulations.</td>
</tr>
<tr>
<td>Croatia</td>
<td>1. Zakon o geodetskoj izmjeri i katastru zemljista (The Law of Geodesy and Cadastre)</td>
</tr>
<tr>
<td></td>
<td>2. Zakon o zemljisnim knjigama (The Law of the Land Registers)</td>
</tr>
<tr>
<td></td>
<td>3. Zakon o vlasnistvu i drugim stvarnim pravima (The Law of Ownership)</td>
</tr>
<tr>
<td>Cyprus</td>
<td>1. The Immovable Property (Tenure, Registration and Valuation) Law, Cap.224.</td>
</tr>
<tr>
<td></td>
<td>2. The Immovable Property (Transfer and Mortgage Law), 1965.</td>
</tr>
<tr>
<td></td>
<td>3. Wills and Succusion Law Cap. 195.</td>
</tr>
<tr>
<td></td>
<td>Act 359/1992 about surveying, mapping and cadastral bodies in amended wording.</td>
</tr>
<tr>
<td></td>
<td>Regulations 190/1996 of the Czech Office for Surveying, Mapping and Cadastre.</td>
</tr>
<tr>
<td>Denmark</td>
<td>The Law of Land Registration (Tinglysningsloven)</td>
</tr>
<tr>
<td>Finland</td>
<td>The Code of real Estate</td>
</tr>
<tr>
<td></td>
<td>The Law on Register of Titles and Mortgages</td>
</tr>
<tr>
<td></td>
<td>The Ordinance on Register of Titles and Mortgages</td>
</tr>
<tr>
<td>Estonia</td>
<td>Land Register Act, Law and Property Act</td>
</tr>
<tr>
<td>France</td>
<td></td>
</tr>
</tbody>
</table>
B13. Please list the main regulations or legislation under which land and title registration is administered in your country:

<table>
<thead>
<tr>
<th>Country</th>
<th>Main Regulations or Legislation Under Which Land and Title Registration is Administered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Germany</td>
<td>Civil Code&lt;br&gt;Land Registration Act, Land Registration Regulation (Grundbuchordnung)&lt;br&gt;L 653/1977 For the codification of the modified legislation for the cadastral system in urban real estate&lt;br&gt;RD 30.4.1953 For the codification of existent legislation for the compulsory reallocation&lt;br&gt;L 674/1977 For the Land Reallotment&lt;br&gt;L 1512/1983&lt;br&gt;L 1647/1986 HEMCO and other legislation&lt;br&gt;RD 10.1.1949 For the introduction of administration management and protection of the public land legislation to the Dodecanese&lt;br&gt;L 998/1979 For the forest and forest land protection&lt;br&gt;L2308/1995 rules the cadastral surveys&lt;br&gt;MDGG 245B/1996 Definition of rights on the real estate for which a submission of statement is required for the registration in the cadastral books&lt;br&gt;MDGG 639B/1995 Ratification of the technical specification, the content of the cadastral maps and tables and the list of fees for the National Cadastre&lt;br&gt;L 2664/1998 rules the operation of the cadastre, and L3127/2003, which makes some changes on the articles of the L2308 and L 2664.</td>
</tr>
<tr>
<td>Hungary</td>
<td>• Act No. LXIII of 1992 on the Protection of Personal Data and the Disclosure of Public Information&lt;br&gt;• Act No. LXXVI of 1996 on Surveying and Mapping Activities&lt;br&gt;This Act was passed by Parliament in late October 1996. Basic aim of the act is to ensure that series of maps be available covering the total area of the country, that are suitable as bases of real property registration, geographic information systems, defence, as well as of various economic, scientific and social subjects. The legal measure also sets the rules to what degree users of maps are to cover the costs of maps. The act is supported by two Ministerial-level executive orders such as 16/1997 (III.5) FVM (FVM-Ministry of Agriculture and Regional Development) and 21/1997 (III.12) FVM-HM (HM -Ministry of Defence), and the order 63/1999(VII.21.) of FVM-HM-PM(PM-Ministry of Finance).&lt;br&gt;• Act No. CXLI/1997 on Land Registration and the related executive order 109/1999(XII.29.) of FVM.&lt;br&gt;• Government Decree No.184/1999(XII.13)Korm. on the detailed regulations of the registration of land use (by setting up and maintaining the Registry on Land Users at the Land Offices).</td>
</tr>
<tr>
<td>Country</td>
<td>Legislation</td>
</tr>
<tr>
<td>------------------</td>
<td>------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Iceland</td>
<td>The Law of Registration and Valuation of Real Properties nr. 94/1976.</td>
</tr>
<tr>
<td></td>
<td>The Law of Registration of deeds, mortgages, transfer of ownership etc nr. 39/1978.</td>
</tr>
<tr>
<td>Ireland</td>
<td>Registration of Title Act 1964, Land Registration Rules 1972-1986, Registry of Deeds Act 1707-1832 as amended</td>
</tr>
<tr>
<td>Italy</td>
<td>The law R.D. nr. 2183/1938 Guideline nr. XIV approved by the ordinance of Ministry of finance 1949.</td>
</tr>
<tr>
<td>Liechtenstein</td>
<td>Civil Code</td>
</tr>
<tr>
<td>Lithuania</td>
<td>1. Civil Code</td>
</tr>
<tr>
<td></td>
<td>2. Law on Real Property Register</td>
</tr>
<tr>
<td></td>
<td>3. Law on Real Property Cadastre</td>
</tr>
<tr>
<td></td>
<td>4. Resolution of the Government of the Republic of Lithuania on Regulations of the Real Property Register</td>
</tr>
<tr>
<td></td>
<td>5. Resolution of the Government of the Republic of Lithuania on Regulations of the Real Property Cadastre</td>
</tr>
<tr>
<td></td>
<td>6. Law on Land</td>
</tr>
<tr>
<td></td>
<td>7. Law on Land Lease</td>
</tr>
<tr>
<td>Luxembourg</td>
<td>1. The law concerning the Administration of Cadastre and Topography 21.06.1973</td>
</tr>
<tr>
<td></td>
<td>2. The laws concerning the Administration of Registry Offices</td>
</tr>
<tr>
<td>FYRO Macedonia</td>
<td>Law for Land Surveying, Cadastre and Real Estate Rights Inscription.</td>
</tr>
<tr>
<td>Malta</td>
<td>Land Registration Act (Cap 296)</td>
</tr>
<tr>
<td></td>
<td>Legal Notices -16/82 - Rules*</td>
</tr>
<tr>
<td></td>
<td>43/94 - Submission of plans</td>
</tr>
<tr>
<td></td>
<td>* All rules being redrafted</td>
</tr>
<tr>
<td>Netherlands</td>
<td>Civil Code</td>
</tr>
<tr>
<td></td>
<td>Cadastre Act</td>
</tr>
<tr>
<td></td>
<td>Cadastre Organisation Act</td>
</tr>
<tr>
<td></td>
<td>Land Development Act.</td>
</tr>
<tr>
<td>Norway</td>
<td>Law on the Land Register</td>
</tr>
<tr>
<td></td>
<td>Law on the Cadastre</td>
</tr>
</tbody>
</table>
### Land Title Registration

#### Section B

B13. Please list the main regulations or legislation under which land and title registration is administered in your country:

<table>
<thead>
<tr>
<th>Country</th>
<th>Main Regulations or Legislation Under Which Land and Title Registration is Administered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Portugal</td>
<td>Civil Code, Decree- Law No–172/95 (18/7), Decree- Law No–533/99 (11/12) and Decree- Law No–287/03 (12/11)</td>
</tr>
<tr>
<td>Russian Federation</td>
<td>Not Supplied</td>
</tr>
<tr>
<td>Serbia</td>
<td>Zakon o drzavnom premeru i katastru i upisima prava na nepokretnostima (Law on State Land Survey, Cadastre and Registration of Real Estate Rights) Zakon o opstem upravnom postupku (Law on Basic Administrative Procedure) Pravilnik o izradi i odrzavanju katastra nepokretnosti (Regulation for Establishment and Maintaining of Real Estate Cadastre) Uredba o visini naknade za koriscenje podataka premera i katastra i pruzanje usluga RGZ (Bylaw on Payment Level for Surveying and Cadastral Data Usage and Service Providing by RGA) Uredba o nacinu cuvanja, koriscenja i razgledanja podataka premera, katastra zemljišta, katastra nepokretnosti i vodova (Bylaw for Storage, Usage and Inspection of Surveying Data, Land Cadastre, Real Estate Cadastre and Infrastructures)</td>
</tr>
<tr>
<td>Slovenia</td>
<td>Law on Land Register (Official Gazette of the Republic of Slovenia No 58/2003), Court Rules (internal document)</td>
</tr>
<tr>
<td>Country</td>
<td>Legal Base</td>
</tr>
<tr>
<td>--------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
</tbody>
</table>
| Spain        | Código Civil  
Ley Hipotecaria  
Reglamento Hipotecario                                                        |
| Sweden       | Jordabalken (Land Code)  
Lag om fastighetsregister (Real Property Register Act.)  
Förordning om fastighetsregister (Real Property Register Ordinance)  
Inskrivningsförordning (Land Registration Ordinance) |
| Switzerland  | Civil Code/Registration Acts (on federal and cantonal level)                |
| Turkey       | The legal base for Land Registration is the article 2997 and 2015 of October 4 1926 dated Turkish Civil Code  
(The Swiss Civil Code was the primary source for the Civil Code of the Republic of Turkey). |
| United Kingdom |                                                                                         |
| England & Wales | Land Registration Acts 1925-2002                                                   |
| Northern Ireland | Land Registration Act (Northern Ireland) 1970  
Land Registration Rules (NI) 1994  
Registration of Deeds Act (NI) 1970  
Registration of Deeds Regulations (NI) 1997  
Registration (Land and Deeds) (NI) Order 1992 |
| Scotland     | Land Register:-Land Registration (Scotland) Act 1979  
Land Registration (Scotland) Rules 1980  
General Register of Sasines:-The Registration Act 1617 |
### National Topographical Survey of Physical Ground Features and Section C

**Recording of the Area of Parcel Boundaries**

C1. Do you have a geodetic network to support land title registration in your country?

<table>
<thead>
<tr>
<th>Country</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albania</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Armenia</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Austria</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Azerbaijan</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Belarus</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Bosnia &amp; Herzegovina</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Bulgaria</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Canada</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Alberta</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>British Columbia</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Manitoba</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>New Brunswick</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ontario</td>
<td>There is a general geodetic network but there is no requirement to have a geodetic reference for document registration</td>
<td></td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Croatia</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Country</td>
<td>✓</td>
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</tr>
<tr>
<td>-------------------------</td>
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<td></td>
</tr>
<tr>
<td>Cyprus</td>
<td>✓</td>
<td></td>
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<tr>
<td>Czech Republic</td>
<td>✓</td>
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<tr>
<td>Denmark</td>
<td>✓</td>
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<tr>
<td>Estonia</td>
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<tr>
<td>Finland</td>
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</tr>
<tr>
<td>France</td>
<td>✓</td>
<td></td>
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<tr>
<td>Germany</td>
<td>✓</td>
<td></td>
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<tr>
<td>Georgia</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Greece</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Hungary</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Iceland</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Ireland</td>
<td>✓</td>
<td></td>
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<tr>
<td>Italy</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Latvia</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Liechtenstein</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Lithuania</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Luxembourg</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>FYRO Macedonia</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Malta</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Republic of Moldova</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Netherlands</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

*All answers in this section refer to the new cadastral system*

The parcel boundaries are marked on maps purchased from the OS, the title to which is registered in the Land Registry. These defined lands are shown on index maps at different scales.

A new Geodetic network is being established.
National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

C1. Do you have a geodetic network to support land title registration in your country?

<table>
<thead>
<tr>
<th>Country</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Norway</td>
<td>✓</td>
</tr>
<tr>
<td>Poland</td>
<td>✓</td>
</tr>
<tr>
<td>Portugal</td>
<td>✓</td>
</tr>
<tr>
<td>Romania</td>
<td>✓</td>
</tr>
<tr>
<td>Russian Federation</td>
<td>✓</td>
</tr>
<tr>
<td>San Marino</td>
<td>✓</td>
</tr>
<tr>
<td>Serbia</td>
<td>✓</td>
</tr>
<tr>
<td>Slovakia</td>
<td>✓</td>
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<tr>
<td>Slovenia</td>
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</tr>
<tr>
<td>Spain</td>
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</tr>
<tr>
<td>Sweden</td>
<td>✓</td>
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<tr>
<td>Switzerland</td>
<td>✓</td>
</tr>
<tr>
<td>Turkey</td>
<td>✓</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>✓</td>
</tr>
<tr>
<td>England &amp; Wales</td>
<td>✓</td>
</tr>
<tr>
<td>Northern Ireland</td>
<td>✓</td>
</tr>
<tr>
<td>Scotland</td>
<td>✓</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Country</th>
<th>No</th>
</tr>
</thead>
</table>

Note: The ✓ indicates that the country has a geodetic network to support land title registration.
## National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

### Section C

#### C2. Does the title registration system require a map?

<table>
<thead>
<tr>
<th>Country</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albania</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Armenia</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Austria</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Azerbaijan</td>
<td>✓ Yes, but only for recent registrations</td>
<td></td>
</tr>
<tr>
<td>Belarus</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Bosnia &amp; Herzegovina</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Bulgaria</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Canada</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Alberta</td>
<td>✓ (requires registration of plan of survey or descriptive plan)</td>
<td></td>
</tr>
<tr>
<td>British Columbia</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Manitoba</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>New Brunswick</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ontario</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>✓ requires a plan of survey or descriptive plan</td>
<td></td>
</tr>
</tbody>
</table>

- A metes and bounds description is applicable in some circumstances.
- There is a provision under the Land Registration Act for maps when properties are being automated. Blocks of properties are laid out on maps for parcel identification. Properties are defined by metes and bounds descriptions or by a survey known as a reference plan. A survey is required when a new property is being created.
- Metes and bounds will no longer be allowed.
## National Topographical Survey of Physical Ground Features and Section C
### Recording of the Area of Parcel Boundaries

**C2. Does the title registration system require a map?**

<table>
<thead>
<tr>
<th>Country</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Croatia</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Cyprus</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Czech Republic</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Denmark</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Estonia</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Finland</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>France</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Germany</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Georgia</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Greece*</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Hungary</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Iceland</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Ireland</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Italy</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Latvia</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Liechtenstein</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

✓ but registration of title for a new real property requires a cadastral procedure and an updated map to be presented to the Land Registry.

✓ Registration is based on units found in the Cadastre.
<table>
<thead>
<tr>
<th>Country</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lithuania</td>
<td>✓</td>
</tr>
<tr>
<td>Luxembourg</td>
<td>✓</td>
</tr>
<tr>
<td>FYRO Macedonia</td>
<td>✓</td>
</tr>
<tr>
<td>Malta</td>
<td>✓</td>
</tr>
<tr>
<td>Republic of Moldova</td>
<td>✓</td>
</tr>
<tr>
<td>Netherlands</td>
<td>✓ Cadastral Map is being updated after the transfer</td>
</tr>
<tr>
<td>Norway</td>
<td>✓</td>
</tr>
<tr>
<td>Poland</td>
<td>✓</td>
</tr>
<tr>
<td>Portugal</td>
<td>✓ When Cadastre exists</td>
</tr>
<tr>
<td>Romania</td>
<td>✓</td>
</tr>
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<td>Spain</td>
<td>✓ A cadastral Graphical certificate if it is first inscription in property registry</td>
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<td>England &amp; Wales</td>
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</tr>
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</tr>
<tr>
<td>Scotland</td>
<td>✓</td>
</tr>
</tbody>
</table>

✓ New titles *may* be registered without an updated map. This is however normally in existence.

✓ The description of a parcel in the land register is based on the property register which contains a map of each real property.
### National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

**Section C**

C3. Does the land administration system use:

<table>
<thead>
<tr>
<th>Country</th>
<th>A Topographical Map</th>
<th>Other Plans or Maps Indicating, for Instance, Ownership Limits</th>
<th>A Combination of Both</th>
<th>A Special Cadastral Map</th>
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<tr>
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<td>The maps used for Land Registration are based on the topographical maps produced by the Ordnance Survey office. There is no requirement for a map in the Registry of Deeds.</td>
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### National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

#### Section C

C3. Does the land administration system use:

<table>
<thead>
<tr>
<th>Country</th>
<th>A Topographical Map</th>
<th>Other Plans or Maps Indicating, for Instance, Ownership Limits</th>
<th>A Combination of Both</th>
<th>A Special Cadastral Map</th>
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<td>✓</td>
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<tr>
<td>Norway</td>
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<td>✓</td>
<td>✓</td>
<td>✓ mostly connected to topographic and land use map system</td>
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<td>Northern Ireland</td>
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<tr>
<td>Scotland</td>
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</table>

✓ mostly connected to topographic and land use map system
## National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

### Section C

C4. What percentage of the land mass in your Country has been mapped?

<table>
<thead>
<tr>
<th>Country</th>
<th>Less than 25%</th>
<th>Between 25% and 50%</th>
<th>Between 50% and 75%</th>
<th>Between 75% and 100%</th>
<th>100%</th>
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<td>For other purposes</td>
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<tr>
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<td>✓ This answer relates to the new cadastral map</td>
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### National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

#### Section C

C4. What percentage of the land mass in your Country has been mapped?

<table>
<thead>
<tr>
<th>Country</th>
<th>Less than 25%</th>
<th>Between 25% and 50%</th>
<th>Between 50% and 75%</th>
<th>Between 75% and 100%</th>
<th>100%</th>
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<td>Malta</td>
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<tr>
<td>Republic of Moldova</td>
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<td>✓</td>
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<tr>
<td>Norway</td>
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<td>✓ (However all areas over the tree limit only in scale 1:50.000, showing no boundaries)</td>
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<td>Portugal</td>
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<td>Sweden</td>
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<td>✓ with cadastral maps</td>
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</tbody>
</table>

Note: ✓ indicates that the country has completed the mapping, with additional notes on the scale of mapping and any limitations.
<table>
<thead>
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<th>✓</th>
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<td>England &amp; Wales</td>
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<tr>
<td>Scotland</td>
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### National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

#### Section C

C5. What scale is used?

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<th>1:2000</th>
<th>1:5000</th>
<th>1:10,000</th>
<th>1:50,000</th>
<th>1:1000,000</th>
<th>Other (please specify)</th>
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<tbody>
<tr>
<td>Albania</td>
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<td></td>
<td>✓ rural area cadastral map</td>
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<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Belarus</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>1:25000 (Mountain regions)</td>
</tr>
<tr>
<td>Bosnia &amp; Herzegovina</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td>1:500, 1:2500</td>
</tr>
<tr>
<td>Bulgaria</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>1:500</td>
</tr>
<tr>
<td>Canada</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>Cadastre Information is entered into a database, using co-ordinate geometry. Information can be accessed independent of scale or projection combination of scales listed</td>
</tr>
<tr>
<td>Alberta</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>British Columbia</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Country</td>
<td>1:50,000</td>
<td>1:100,000</td>
<td>1:200,000</td>
<td>1:500,000</td>
<td>1:1500</td>
<td>1:500 (urban areas)</td>
<td></td>
</tr>
<tr>
<td>------------------</td>
<td>----------</td>
<td>-----------</td>
<td>-----------</td>
<td>-----------</td>
<td>--------</td>
<td>---------------------</td>
<td></td>
</tr>
<tr>
<td>Manitoba</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>New Brunswick</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ontario</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>✓ (9%)</td>
<td>✓ (11%)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Croatia</td>
<td>✓ (urban areas)</td>
<td>✓ (urban areas)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cyprus</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Czech Republic</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Denmark</td>
<td>✓ (urban areas)</td>
<td>✓ (urban areas)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Estonia</td>
<td>✓ (urban areas)</td>
<td></td>
<td></td>
<td>✓ (rural areas)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Finland</td>
<td>✓ (detailed planned areas 1%)</td>
<td>✓ (detailed planned areas 1%)</td>
<td>✓ 75%</td>
<td></td>
<td>✓ 23%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>France</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Germany</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

All of these scales for plan registration

✔ Mapped to 1:50000

Majority 1:10000 and 1:20000. Topographical maps

Old Orthophotos 1:5000 New digital mapping – scale varies.

Topographical 1:50,000 and 1:250,000 Cadastral 1:1,000 to 1:10,000

1:500, 1:1250, 1:2500

1:1250, 1:1440, 1:2500, 1:2880 on older maps

1:4000 for cadastral maps in rural areas

1:500 to 1:10000 cadastral parcel plans

1:1500

1:500 (urban areas)
## Section C

### National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

**C5. What scale is used?**

<table>
<thead>
<tr>
<th>Country</th>
<th>1:1000</th>
<th>1:2000</th>
<th>1:5000</th>
<th>1:10,000</th>
<th>1:50,000</th>
<th>1:1000,000</th>
<th>Other (please specify)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Georgia</td>
<td>✔️ urban areas</td>
<td>✔️ urban areas</td>
<td>✔️ rural areas</td>
<td>✔️ forests</td>
<td>✔️ Topography</td>
<td>✔️ Topography</td>
<td>Different scales used on different areas</td>
</tr>
<tr>
<td>Greece</td>
<td>✔️ (in inner parts of settlements using Unified Protection System)</td>
<td>✔️ (in rural areas used by the new National cadastral Programme, otherwise 1:4000, both using the Unified Projection system)</td>
<td>✔️ rural areas</td>
<td>✔️ forests</td>
<td>✔️ Topography</td>
<td>✔️ Topography</td>
<td>About 53% of the country is mapped using the earlier cylindric and stereo projection systems at scales 1:1440, 1:2880 and rarely, 1:5000</td>
</tr>
<tr>
<td>Hungary</td>
<td>✔️ urban areas, towns and villages</td>
<td>✔️ urban areas, towns and villages</td>
<td>✔️ rural areas</td>
<td>✔️ forests</td>
<td>✔️ Topography</td>
<td>✔️ Topography</td>
<td>✔️ Topography</td>
</tr>
<tr>
<td>Iceland</td>
<td>✔️ urban areas, towns and villages</td>
<td>✔️ urban areas, towns and villages</td>
<td>✔️ rural areas</td>
<td>✔️ forests</td>
<td>✔️ Topography</td>
<td>✔️ Topography</td>
<td>✔️ Topography</td>
</tr>
<tr>
<td>Ireland</td>
<td>✔️ Topography</td>
<td>✔️ Topography</td>
<td>✔️ Topography</td>
<td>✔️ Topography</td>
<td>✔️ Topography</td>
<td>✔️ Topography</td>
<td>✔️ Topography</td>
</tr>
</tbody>
</table>

Most properties registered in urban areas are shown on the 1:1000 scale and in rural locations at 1:2500 scale. A small proportion of registrations have taken place in the past on supplementary maps in urban regions, the scale of which can vary.
<table>
<thead>
<tr>
<th>Country</th>
<th>1:500, 1:4000</th>
<th>1:500, 1:250,000</th>
<th>1:500</th>
<th>1:2500 (most)</th>
<th>1:2500 100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Italy</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Latvia</td>
<td>✓ for urban areas</td>
<td>✓ for urban areas</td>
<td>✓</td>
<td>✓ Topography</td>
<td>✓ Topography</td>
</tr>
<tr>
<td>Liechtenstein</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓ Topography</td>
<td>✓ Topography</td>
</tr>
<tr>
<td>Lithuania</td>
<td>✓ for urban areas</td>
<td>✓ for rural areas</td>
<td>✓</td>
<td>✓ other purposes (military, roadmaps etc)</td>
<td>✓ other purposes (military, roadmaps etc)</td>
</tr>
<tr>
<td>Luxembourg</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>FYRO Macedonia</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Malta</td>
<td>✓ ✓ ✓ 20%</td>
<td>✓</td>
<td>✓</td>
<td>✓ (general topographic maps)</td>
<td>✓</td>
</tr>
<tr>
<td>Netherlands</td>
<td>✓ cadastral purposes &amp; large scale base mapping</td>
<td>✓ cadastral purposes &amp; large scale base mapping</td>
<td>✓</td>
<td>✓ other purposes (military, roadmaps etc)</td>
<td>✓ other purposes (military, roadmaps etc)</td>
</tr>
<tr>
<td>Norway</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Poland</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Portugal</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Romania</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Russian Federation</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>
## National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

### Section C

#### C5. What scale is used?

<table>
<thead>
<tr>
<th>Country</th>
<th>1:1000</th>
<th>1:2000</th>
<th>1:5000</th>
<th>1:10,000</th>
<th>1:50,000</th>
<th>1:1000,000</th>
<th>Other (please specify)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Russian Federation</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>✓ 1:25000–1:50000 forest cadaster maps 1:50000–1:100000 deserts and tundra</td>
</tr>
<tr>
<td>(cont.)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>✓ Cadastral maps are made also in scales 1:500 and 1:2500 (Gauss-Kruger projection), and 1:720, 1:1440 and 1:2880 (Stereographic projection).</td>
</tr>
<tr>
<td>San Marino</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>✓ 1:2880 and derived scales</td>
</tr>
<tr>
<td>Serbia</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td>✓ 1:2880, 1:1440, 1:5760, 1:500, 1:2500</td>
</tr>
<tr>
<td>Slovakia</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td>✓ 1:500 to 1:1000 in urban areas (most in 1:1000) 1:5000 to 1:10000 in rural areas (most in 1:10000)</td>
</tr>
<tr>
<td>Slovenia</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td>✓ 1:2880, 1:1440, 1:5760, 1:500, 1:2500</td>
</tr>
<tr>
<td>Spain</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td>✓ 1:500 to 1:1000 in urban areas (most in 1:1000) 1:5000 to 1:10000 in rural areas (most in 1:10000)</td>
</tr>
<tr>
<td>Country</td>
<td>1:1250</td>
<td>1:2500</td>
<td>1:10,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----------------------</td>
<td>--------</td>
<td>--------</td>
<td>----------</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sweden</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Switzerland</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Turkey</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>United Kingdom</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>England &amp; Wales</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Northern Ireland</td>
<td></td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scotland</td>
<td></td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- ✓ down to 1:400 or 1:500 in some major cities. The most remote areas are done in the scale 1:20000.
- ✓ 1:500 Scale depends on 1) density of elements 2) land value
- ✓ 1:500
- 1:1250 Urban
- 1: 2500 Rural
- 1: 10000 Mountain & Moorland
- ✓ 1:1250, & 1:2500
- ✓ 1:1250, 1:2500
- ✓ 1:10,000
### National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

#### Section C

**C6. Is this map held in digital format:**

<table>
<thead>
<tr>
<th>Country</th>
<th>Not at All</th>
<th>Partly (please specify what percentage)</th>
<th>Completely</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albania</td>
<td></td>
<td>✓ 30% of base maps</td>
<td></td>
</tr>
<tr>
<td>Armenia</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Austria</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Azerbaijan</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Belarus</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Bosnia &amp; Herzegovina</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bulgaria</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Canada</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alberta</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>British Columbia</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Manitoba</td>
<td></td>
<td>✓ 60,000 plans converted to images.</td>
<td></td>
</tr>
<tr>
<td>New Brunswick</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Ontario</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Saskatchewan</td>
<td></td>
<td>✓ All topographical is digital, all cadastral plans are handcopy but are compiled onto digital maps.</td>
<td></td>
</tr>
<tr>
<td>Country</td>
<td>Digital Formats</td>
<td>Notes</td>
<td></td>
</tr>
<tr>
<td>---------------</td>
<td>----------------</td>
<td>----------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Croatia</td>
<td>✓ (2%)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cyprus</td>
<td>✓ (10% We have started digitizing our cadastral plans. Full digital format will be available in ten years).</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| Czech Republic | ✓ (3% digital maps, 27% of point coordinates stored in digital format | ✓ Cadastral map  
✓ Base map  
✓ Restrictions map |
| Denmark       | ✓ 99.9%        |                                                                      |
| Estonia       | ✓ 10%          | A couple of city planned areas are still in analogue form            |
| Finland       | ✓ 60–70% (vector-format) |                                                                      |
| France        | ✓             |                                                                      |
| Germany       | ✓             |                                                                      |
| Georgia       | ✓             |                                                                      |
| Greece        | ✓             |                                                                      |
| Hungary       | ✓ 100% in the Capital, less than 12% in the countryside. 60% of the remaining 88% are available in numerical form, which has to be transformed into standardised DAT format. | ✓ |
| Iceland       | ✓ 20%          |                                                                      |
| Ireland       | ✓             | All Ordnance Survey mapping is in digital format. The Land Registry currently operate a paper based mapping system. Consideration is been given to proposals to move to a digital mapping environment. As outlined above each folio has its own “filed plan” map attached and as part of our document imaging project all these maps have been scanned and are available for inspection electronically. |
National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

C6. Is this map held in digital format:

<table>
<thead>
<tr>
<th>Country</th>
<th>Not at All</th>
<th>Partly (please specify what percentage)</th>
<th>Completely</th>
</tr>
</thead>
<tbody>
<tr>
<td>Italy</td>
<td></td>
<td>✓ 33%</td>
<td></td>
</tr>
<tr>
<td>Latvia</td>
<td>✓</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Liechtenstein</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Lithuania</td>
<td>✓</td>
<td>✓ 10%</td>
<td></td>
</tr>
<tr>
<td>Luxembourg</td>
<td>✓</td>
<td>✓ 20%</td>
<td></td>
</tr>
<tr>
<td>FYRO Macedonia</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Malta</td>
<td>✓</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Republic of Moldova</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Netherlands</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Norway</td>
<td></td>
<td>✓ 50% (to be completed by 2004)</td>
<td></td>
</tr>
<tr>
<td>Poland</td>
<td>✓</td>
<td>✓ 2%</td>
<td></td>
</tr>
<tr>
<td>Portugal</td>
<td></td>
<td>✓ 45% raster format, 12% vector format (parcel boundaries), 37% vector format (survey of physical ground feature)</td>
<td></td>
</tr>
<tr>
<td>Romania</td>
<td>✓</td>
<td>✓ Less than 5%</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>✓ Cadastral map ✓ Topographical Map(s)</td>
</tr>
</tbody>
</table>

Country Notations:
- ✓: Yes
- □: No
<table>
<thead>
<tr>
<th>Country</th>
<th>Coverage</th>
<th>Format</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Russian Federation</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>San Marino</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Serbia</td>
<td>✓</td>
<td>✓ 40%</td>
<td>✓</td>
</tr>
<tr>
<td>Slovakia</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Slovenia</td>
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### National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

#### Section C

C7. Do you have a system for recording data on boundaries of ownership and parcels of land?

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<th>Country</th>
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✓ In rural areas, written description of boundaries exists in the Register of deeds. In towns, local authorities have maps in the scales 1:500 - 1:5000 showing boundaries.
C7. Do you have a system for recording data on boundaries of ownership and parcels of land?

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<th>Country</th>
<th>No</th>
<th>Yes, Integrated with the Register of Ownership</th>
<th>Yes, as a Separate System Linked to the Register of Ownership</th>
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### National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

**Section C**

C8. Is this system administered and maintained:

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<th>At a National Level</th>
<th>At State or Province Level</th>
<th>At Regional or Local Level</th>
<th>Other (please specify)</th>
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National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

C8. Is this system administered and maintained:

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<th>At Regional or Local Level</th>
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<tr>
<td>Slovenia</td>
<td>✓ Supervised and controlled by surveying and mapping authorities of the Republic of Slovenia</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spain</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sweden</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Switzerland</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Turkey</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>United Kingdom</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>England &amp; Wales</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Northern Ireland</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scotland</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

✓ Local Real Estate Cadastre Offices are legally responsible to maintain, i.e. to collect and update data, of DKP and DGP databases.

✓ Cadastral offices in districts

✓ Maintained

Registration is made at county, and in some cases, municipal, cadastral authorities. The register is kept in a central, national database (part of the Land Data Bank system, for which the National Land Survey is responsible).
C9. What is the estimated total number of land parcels in your country?

<table>
<thead>
<tr>
<th>Country</th>
<th>Estimated Number of Land Parcels</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albania</td>
<td>3.2 million</td>
</tr>
<tr>
<td>Armenia</td>
<td>The estimated total number of land parcels is 1,200,000 but the experience shows that the number will be increased by 15-20% due to the first title registration process</td>
</tr>
<tr>
<td>Austria</td>
<td>11 million</td>
</tr>
<tr>
<td>Azerbaijan</td>
<td>At present - about 9,000. This number increased every year.</td>
</tr>
<tr>
<td>Belarus</td>
<td>20,000,000</td>
</tr>
<tr>
<td>Bosnia &amp; Herzegovina</td>
<td>8,700,000</td>
</tr>
<tr>
<td>Bulgaria</td>
<td>About 6 million</td>
</tr>
<tr>
<td>Canada</td>
<td></td>
</tr>
<tr>
<td>Alberta</td>
<td>1.9 million fee simple titles (plus unpatented land – approximately 55% of province is unpatented)</td>
</tr>
<tr>
<td>British Columbia</td>
<td>Approx 2.2 million</td>
</tr>
<tr>
<td>Manitoba</td>
<td>678,000 private</td>
</tr>
<tr>
<td>New Brunswick</td>
<td>510,000</td>
</tr>
<tr>
<td>Ontario</td>
<td>Approximately 4.7 million plus unpatented land. Approximately 85% of land mass unpatented mostly in Northern Ontario. No record kept of number of unpatented parcels in land registration system</td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td>85,000</td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>2.5 million</td>
</tr>
<tr>
<td>Country</td>
<td>Number</td>
</tr>
<tr>
<td>-----------------</td>
<td>---------</td>
</tr>
<tr>
<td>Croatia</td>
<td>18 million</td>
</tr>
<tr>
<td>Cyprus</td>
<td>2,200,000</td>
</tr>
<tr>
<td>Czech Republic</td>
<td>23 million</td>
</tr>
<tr>
<td>Denmark</td>
<td>2,2 million – The number of Real Properties is approximately 1.9 million. A Real Property may consist of more than one land parcel</td>
</tr>
<tr>
<td>Estonia</td>
<td>Estimated Number of Land Parcels 700,000</td>
</tr>
<tr>
<td>Finland</td>
<td>All real estates (register units) have been registered in the Land Register as well as in the Cadastre; parcels are described in the Cadastre as spatial objects.</td>
</tr>
<tr>
<td>France</td>
<td>100 million</td>
</tr>
<tr>
<td>Germany</td>
<td>61.3 million</td>
</tr>
<tr>
<td>Georgia</td>
<td>4 million</td>
</tr>
<tr>
<td>Greece</td>
<td>15–18 million</td>
</tr>
<tr>
<td>Hungary</td>
<td>1994 - Land Parcels 7,472,379, Independent real properties i.e flats 1,077,449 (countryside) about 1 million in the capital</td>
</tr>
<tr>
<td>Iceland</td>
<td>74,000</td>
</tr>
<tr>
<td>Ireland</td>
<td>2,700,000</td>
</tr>
<tr>
<td>Italy</td>
<td>78,000,000</td>
</tr>
<tr>
<td>Latvia</td>
<td>578,000</td>
</tr>
<tr>
<td>Liechtenstein</td>
<td>35,000</td>
</tr>
<tr>
<td>Lithuania</td>
<td>2.5 million</td>
</tr>
<tr>
<td>Luxembourg</td>
<td>730,000</td>
</tr>
<tr>
<td>FYRO Macedonia</td>
<td>4.1 million</td>
</tr>
<tr>
<td>Malta</td>
<td></td>
</tr>
<tr>
<td>Republic of Moldova</td>
<td>1 million – intravillan, 4 million extravillan</td>
</tr>
<tr>
<td>Netherlands</td>
<td>8 million</td>
</tr>
</tbody>
</table>
## National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

### Section C

C9. What is the estimated total number of land parcels in your country?

<table>
<thead>
<tr>
<th>Country</th>
<th>Estimated Number of Land Parcels</th>
</tr>
</thead>
<tbody>
<tr>
<td>Norway</td>
<td>2.4 million real properties, however one property may consist of several separately located plots under the same parcel number. Number of plots in total: approximately 4 million</td>
</tr>
<tr>
<td>Poland</td>
<td>29,000,000</td>
</tr>
<tr>
<td>Portugal</td>
<td>About 17,000,000 parcels, including each autonomous fraction</td>
</tr>
<tr>
<td>Romania</td>
<td>About 40,000,000 parcels</td>
</tr>
<tr>
<td>Russian Federation</td>
<td>46.4 million</td>
</tr>
<tr>
<td>San Marino</td>
<td>25,610</td>
</tr>
<tr>
<td>Serbia</td>
<td>There are approximately 21 million of parcels</td>
</tr>
<tr>
<td>Slovakia</td>
<td>5,000,000 physically existing in the nature + 12,000,000 original Legal Land Parcels</td>
</tr>
<tr>
<td>Slovenia</td>
<td>5,200,000</td>
</tr>
<tr>
<td>Spain</td>
<td>41,700,000 rural parcels 11,000,000 urban parcels; 30,000,000 urban properties</td>
</tr>
<tr>
<td>Sweden</td>
<td>3.2 million properties, consisting of 3.8 million parcels. A real property unit in rural areas often consists of more than one parcel (which are often separately located)</td>
</tr>
<tr>
<td>Switzerland</td>
<td>4 million</td>
</tr>
<tr>
<td>Turkey</td>
<td>50,000,000</td>
</tr>
<tr>
<td>United Kingdom</td>
<td></td>
</tr>
<tr>
<td>England &amp; Wales</td>
<td>23 million</td>
</tr>
<tr>
<td>Northern Ireland</td>
<td></td>
</tr>
<tr>
<td>Scotland</td>
<td>There are an estimated 2.6 million property titles, however one parcel may include more than one title and some titles include more than one land parcel.</td>
</tr>
</tbody>
</table>
C10. What is the estimated number of parcels already registered and recorded?

<table>
<thead>
<tr>
<th>Country</th>
<th>Estimated Number of Land Parcels Registered and Recorded</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albania</td>
<td>1,700,000 (up to December 1996)</td>
</tr>
<tr>
<td>Armenia</td>
<td>Nearly 1,200,000 units of agricultural parcels had been registered after the land privatisation in 1991 and all owners had been issued with land deeds</td>
</tr>
<tr>
<td>Austria</td>
<td>100%</td>
</tr>
<tr>
<td>Azerbaijan</td>
<td>4,250 (main land users)</td>
</tr>
<tr>
<td>Belarus</td>
<td>250,000</td>
</tr>
<tr>
<td>Bosnia &amp; Herzegovina</td>
<td>8,700,000</td>
</tr>
<tr>
<td>Bulgaria</td>
<td></td>
</tr>
<tr>
<td>Canada</td>
<td></td>
</tr>
<tr>
<td>Alberta</td>
<td>100%</td>
</tr>
<tr>
<td>British Columbia</td>
<td>Approx 2.2 million</td>
</tr>
<tr>
<td>Manitoba</td>
<td></td>
</tr>
<tr>
<td>New Brunswick</td>
<td>135,000 of the 510,000 parcels have been converted to Land Titles</td>
</tr>
<tr>
<td>Ontario</td>
<td>Approximately 4.7 million</td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td>85,000</td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>The information will be available in the new system but not available yet</td>
</tr>
<tr>
<td>Croatia</td>
<td>App. 15 million</td>
</tr>
</tbody>
</table>
Section C

C10. What is the estimated number of parcels already registered and recorded?

<table>
<thead>
<tr>
<th>Country</th>
<th>Estimated Number of Land Parcels Registered and Recorded</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyprus</td>
<td>2,090,000</td>
</tr>
<tr>
<td>Czech Republic</td>
<td>80% of 23 million is recorded in computerised format, in 1998 it will be 100%</td>
</tr>
<tr>
<td>Denmark</td>
<td>All parcels</td>
</tr>
<tr>
<td>Estonia</td>
<td>490,000</td>
</tr>
<tr>
<td>Finland</td>
<td>All real estates (register units) have been registered in the Land Register as well as in the Cadastre; parcels are described in the Cadastre as spatial objects</td>
</tr>
<tr>
<td>France</td>
<td>100 million</td>
</tr>
<tr>
<td>Germany</td>
<td>61.3 million (all parcels)</td>
</tr>
<tr>
<td>Georgia</td>
<td></td>
</tr>
<tr>
<td>Greece</td>
<td>in operating cadastral offices: 276,000, currently under cadastral surveys: 1,625,000</td>
</tr>
<tr>
<td>Hungary</td>
<td>100%</td>
</tr>
<tr>
<td>Iceland</td>
<td>74,000</td>
</tr>
<tr>
<td>Ireland</td>
<td>2.2 million registered parcels</td>
</tr>
<tr>
<td>Italy</td>
<td>78,000,000</td>
</tr>
<tr>
<td>Latvia</td>
<td>99% – From total number of land parcels are registered in cadastre registers. In Landbooks % registered 46%</td>
</tr>
<tr>
<td>Liechtenstein</td>
<td>All parcels</td>
</tr>
<tr>
<td>Lithuania</td>
<td>1.45 million</td>
</tr>
<tr>
<td>Luxembourg</td>
<td>Not available</td>
</tr>
<tr>
<td>Country</td>
<td>Count</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>FYRO Macedonia</td>
<td>4.0 million</td>
</tr>
<tr>
<td>Malta</td>
<td>-</td>
</tr>
<tr>
<td>Republic of Moldova</td>
<td>-</td>
</tr>
<tr>
<td>Netherlands</td>
<td>100%</td>
</tr>
<tr>
<td>Norway</td>
<td>100% of real properties are registered in the alphanumeric part of the Cadastre. Approximately 90% of the parcels are mapped, and with various precision</td>
</tr>
<tr>
<td>Poland</td>
<td>29,000,000</td>
</tr>
<tr>
<td>Portugal</td>
<td>2,055,000 parcels</td>
</tr>
<tr>
<td>Romania</td>
<td>About 15,000,000 parcels registered</td>
</tr>
<tr>
<td>Russian Federation</td>
<td>28.2 million</td>
</tr>
<tr>
<td>San Marino</td>
<td>25,610</td>
</tr>
<tr>
<td>Serbia</td>
<td>All 21 million parcels are registered, but some in digital format and some still as paper records.</td>
</tr>
<tr>
<td>Slovakia</td>
<td>100%</td>
</tr>
<tr>
<td>Slovenia</td>
<td>5,200,000</td>
</tr>
<tr>
<td>Spain</td>
<td>41,700,000 rural parcels 11,000,000 urban parcels; 30,000,000 urban properties</td>
</tr>
<tr>
<td>Sweden</td>
<td>3.2 million properties (real property units, not parcels, being the registration unit)</td>
</tr>
<tr>
<td>Switzerland</td>
<td>3.5 million</td>
</tr>
<tr>
<td>Turkey</td>
<td>30,923,672</td>
</tr>
<tr>
<td>United Kingdom</td>
<td></td>
</tr>
<tr>
<td>England &amp; Wales</td>
<td>19,736,297</td>
</tr>
<tr>
<td>Northern Ireland</td>
<td></td>
</tr>
<tr>
<td>Scotland</td>
<td>1.1 million (Land Register)</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

### Section C

#### C11. Does the governing legislation require that corner points are surveyed to determine new registered boundaries on new developments

<table>
<thead>
<tr>
<th>Country</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albania</td>
<td>✓ (in some circumstances this can be waived)</td>
<td>✓ Some parcel corners will be surveyed by total stations and GPS</td>
</tr>
<tr>
<td>Armenia</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Austria</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Azerbaijan</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Belarus</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Bosnia &amp; Herzegovina</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Bulgaria</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Canada</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alberta</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>British Columbia</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Manitoba</td>
<td>✓ (in some circumstances this can be waived)</td>
<td></td>
</tr>
<tr>
<td>New Brunswick</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Ontario</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td></td>
<td>✓ Some exceptions are allowed but a description must be filed</td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Croatia</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Country</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>-----------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Cyprus</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Czech Republic</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Denmark</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Finland</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Estonia</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>France</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Germany</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Georgia</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Greece</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>
| Hungary               | Numeric surveying is mandatory in rural areas but also in inner part of settlements where digital cadastral maps are already available.
| Iceland               | ✓                                                                             |
| Ireland               | The Land Registry requires that a property submitted for subdivision would reflect the accuracy of the scale of the application map. ✓ |
| Italy                 | ✓                                                                             |
| Latvia                | ✓                                                                             |
| Liechtenstein         | ✓                                                                             |
| Lithuania             | ✓                                                                             |
| Luxembourg            | ✓                                                                             |
| FYRO Macedonia        | ✓                                                                             |
| Malta                 | ✓                                                                             |
| Republic of Moldova   | ✓                                                                             |
| Netherlands           | ✓                                                                             |

✓ (only approximate pom. ± 2.5 m approx for new development)
Does the governing legislation require that corner points are surveyed to determine new registered boundaries on new developments?

<table>
<thead>
<tr>
<th>Country</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Norway</td>
<td>✓ But with some exceptions. Isolated plots in rural and remote areas may be approximately located on maps only, without field surveying</td>
<td></td>
</tr>
<tr>
<td>Poland</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Portugal</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Romania</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Russian Federation</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>San Marino</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Serbia</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Slovakia</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Slovenia</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Spain</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Sweden</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Switzerland</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Turkey</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td><strong>England &amp; Wales</strong></td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td><strong>Northern Ireland</strong></td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td><strong>Scotland</strong></td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>
C12. Are the registered parcel boundaries defined:

<table>
<thead>
<tr>
<th>Country</th>
<th>Precisely (by measurement from a framework of co-ordinates or geodetic reference)</th>
<th>In General Terms on a Topographical Map</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albania</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Armenia</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Austria</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Azerbaijan</td>
<td>very rare</td>
<td></td>
</tr>
<tr>
<td>Belarus</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Bosnia &amp; Herzegovina</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Bulgaria</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Canada</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alberta</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>British Columbia</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Manitoba</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>New Brunswick</td>
<td>✓ Most new plans created are based on a co-ordinated plan of survey</td>
<td></td>
</tr>
<tr>
<td>Ontario</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td>✓ *(combination of both)</td>
<td>✓ *</td>
</tr>
<tr>
<td>Saskatchewan</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Croatia</td>
<td></td>
<td>✓</td>
</tr>
</tbody>
</table>
# National Topographical Survey of Physical Ground Features and
## Recording of the Area of Parcel Boundaries

C12. Are the registered parcel boundaries defined:

<table>
<thead>
<tr>
<th>Country</th>
<th>Precisely (by measurement from a framework of co-ordinates or geodetic reference)</th>
<th>In General Terms on a Topographical Map</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyprus</td>
<td>✓</td>
<td></td>
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<tr>
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<td>✓ By measurement from a framework of co-ordinates or geodetic reference</td>
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<tr>
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<td>✓ In rural areas all kinds of recording is used</td>
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<td>The Land Registry operates under the non conclusive boundary system boundary system which was adopted under the Registration of Title Act, 1964</td>
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<td>✓ (rural areas)</td>
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<tr>
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<tr>
<td>Norway</td>
<td>✓ In most cases by precise measurements in the general geodetic reference system. Isolated parcels in rural and remote districts may be identified on the topographic maps only, without field surveying.</td>
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<td>✓ Parcels registered after 1 July 1999 *</td>
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**National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries**

**Section C**

C13. Which, if any, of the following survey techniques are used:

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<th>Aerial Photogrammetry</th>
<th>Other Methods (please provide brief details)</th>
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<td>Notes</td>
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<td>✓ only in a few cases</td>
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<td>✓ Satellite images</td>
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<td>✓ GPS, satellite mapping, total stations</td>
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<tr>
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<td>✓ N B. The new National Cadastre Programme will use a total of seven technologies according to circumstances</td>
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<tr>
<td>Iceland</td>
<td>✓ In towns</td>
<td>✓</td>
<td>✓ In rural areas sometimes aerial photos</td>
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<td>When necessary the Land Registry would complete land surveys of registered boundaries by qualified staff.</td>
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<tr>
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<td>✓ (simplified methods)</td>
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### National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

#### Section C

#### C13. Which, if any, of the following survey techniques are used:

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<th>Other Methods (please provide brief details)</th>
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### National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

**Section C**

#### C14. Is this data open to public inspection

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<th>By Any Member Of the Public With Restrictions in the Level Of Access</th>
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<th>By Other Groups (please specify)</th>
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By interested parties with restrictions in the level of access.

The survey data would be available to any party directly involved, when the boundary was surveyed by Land Registry staff.
National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

C14. Is this data open to public inspection

<table>
<thead>
<tr>
<th>Country</th>
<th>By Any Member Of The Public Without Restriction</th>
<th>By Any Member Of the Public With Restrictions in the Level Of Access</th>
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<td></td>
</tr>
<tr>
<td>Northern Ireland</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scotland</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
National Topographical Survey of Physical Ground Features and Section C
Recording of the Area of Parcel Boundaries

C15. Are the map records held

<table>
<thead>
<tr>
<th>Country</th>
<th>In a Computerised Format (indicate percentage coverage)</th>
<th>As Paper / Manual Records</th>
<th>In a Combination of Both</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albania</td>
<td></td>
<td>✓ A little in digital format</td>
<td></td>
</tr>
<tr>
<td>Armenia</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Austria</td>
<td>✓ 100% digital</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Azerbaijan</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Belarus</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bosnia &amp; Herzegovina</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Bulgaria</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Canada</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alberta</td>
<td>✓ 100% digital</td>
<td></td>
<td></td>
</tr>
<tr>
<td>British Columbia</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Manitoba</td>
<td>✓ (satellite imaging)</td>
<td>✓ (land title plans)</td>
<td>Papes (mylar) prints converted from paper to imaged system on registration. (Land title plans)</td>
</tr>
<tr>
<td>New Brunswick</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ontario</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td>✓ (digital)</td>
<td>✓ (plastic orthos)</td>
<td></td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>✓ proposed 100% for primary and secondary surveys</td>
<td>✓ GIS imaged</td>
<td></td>
</tr>
<tr>
<td>Country</td>
<td>(3% digital maps, 27% point coordinates are in a computerised format)</td>
<td>(70% of all maps)</td>
<td>✓ Some few detail planned areas for which municipalities are responsible are not yet computerised</td>
</tr>
<tr>
<td>------------------</td>
<td>---------------------------------------------------------------------</td>
<td>------------------</td>
<td>-----------------------------------------------------------------</td>
</tr>
<tr>
<td>Croatia</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cyprus</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Czech Republic</td>
<td>✓ (3% digital maps, 27% point coordinates are in a computerised format)</td>
<td>✓ (70% of all maps)</td>
<td></td>
</tr>
<tr>
<td>Denmark</td>
<td>✓ 100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Estonia</td>
<td>✓ 99.9% of all registered parcels</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Finland</td>
<td>✓ 100%</td>
<td></td>
<td>✓ Some few detail planned areas for which municipalities are responsible are not yet computerised</td>
</tr>
<tr>
<td>France</td>
<td></td>
<td></td>
<td>✓ Some few detail planned areas for which municipalities are responsible are not yet computerised</td>
</tr>
<tr>
<td>Germany</td>
<td>✓ 60 to 70%</td>
<td></td>
<td>✓ Some few detail planned areas for which municipalities are responsible are not yet computerised</td>
</tr>
<tr>
<td>Georgia</td>
<td></td>
<td></td>
<td>✓ Some few detail planned areas for which municipalities are responsible are not yet computerised</td>
</tr>
<tr>
<td>Greece</td>
<td>✓ 100%</td>
<td></td>
<td>✓ Some few detail planned areas for which municipalities are responsible are not yet computerised</td>
</tr>
<tr>
<td>Hungary</td>
<td>✓ 100% in the Capital, less than 10% in the countryside.</td>
<td>✓ 90% in the countryside</td>
<td>✓ Some few detail planned areas for which municipalities are responsible are not yet computerised</td>
</tr>
<tr>
<td>Iceland</td>
<td></td>
<td></td>
<td>✓ Some few detail planned areas for which municipalities are responsible are not yet computerised</td>
</tr>
<tr>
<td>Ireland</td>
<td></td>
<td></td>
<td>✓ Some few detail planned areas for which municipalities are responsible are not yet computerised</td>
</tr>
<tr>
<td>Italy</td>
<td></td>
<td></td>
<td>✓ Some few detail planned areas for which municipalities are responsible are not yet computerised</td>
</tr>
<tr>
<td>Latvia</td>
<td>✓</td>
<td>✓ Maps what were made in previous times</td>
<td>✓ Some few detail planned areas for which municipalities are responsible are not yet computerised</td>
</tr>
<tr>
<td>Liechtenstein</td>
<td></td>
<td></td>
<td>✓ Some few detail planned areas for which municipalities are responsible are not yet computerised</td>
</tr>
<tr>
<td>Lithuania</td>
<td></td>
<td></td>
<td>✓ Some few detail planned areas for which municipalities are responsible are not yet computerised</td>
</tr>
</tbody>
</table>
# National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

## Section C

### C15. Are the map records held

<table>
<thead>
<tr>
<th>Country</th>
<th>In a Computerised Format (indicate percentage coverage)</th>
<th>As Paper / Manual Records</th>
<th>In a Combination of Both</th>
</tr>
</thead>
<tbody>
<tr>
<td>Luxembourg</td>
<td>✓ 20% Vector, 80% Raster</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>FYRO Macedonia</td>
<td>✓ 100%</td>
<td>✓ 50%</td>
<td>✓</td>
</tr>
<tr>
<td>Malta</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Republic of Moldova</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Netherlands</td>
<td>✓ 100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Norway</td>
<td>✓ 50%</td>
<td>✓ 50%</td>
<td></td>
</tr>
<tr>
<td>Poland</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Portugal</td>
<td>✓</td>
<td>✓ 50%</td>
<td></td>
</tr>
<tr>
<td>Romania</td>
<td>✓ less than 5%</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Russian Federation</td>
<td>✓ 15%</td>
<td></td>
<td>✓ 100%</td>
</tr>
<tr>
<td>San Marino</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Serbia</td>
<td>✓ Only approximately 5% of national territory is covered with digital cadastral maps, but one of the main task within RGA Mid-Term Program is covering of all national area with digital cadastral spatial data.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Slovakia</td>
<td>✓ 40%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Country</td>
<td>Percentage</td>
<td>Notes</td>
<td></td>
</tr>
<tr>
<td>--------------------</td>
<td>------------</td>
<td>--------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Slovenia</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spain</td>
<td>80% urban 90% rural</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sweden</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Switzerland</td>
<td>25%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Turkey</td>
<td>20%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>United Kingdom</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>England &amp; Wales</em></td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Northern Ireland</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Scotland</em></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

✓ Remainder kept in paper format

✓ 75%
C16. To what extent are private companies used in the surveying of new boundaries?

<table>
<thead>
<tr>
<th>Country</th>
<th>Not at All</th>
<th>In conjunction with Government Employees</th>
<th>Completely</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albania</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Armenia</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Austria</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Azerbaijan</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Belarus</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bosnia &amp; Herzegovina</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bulgaria</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Canada</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alberta</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>British Columbia</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Manitoba</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>New Brunswick</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ontario</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
</tbody>
</table>

✓ Government establishes standards under legislation/regulation,

✓ Primarily private companies, complete plans. Some registrations are completed by government
<table>
<thead>
<tr>
<th>Country</th>
<th>Cadastre authorities as well as licensed surveyors in all states except Bavaria</th>
<th>✓ by Licensed Land Surveyors in private practice.</th>
<th>✓ private companies are used except for surveys of highways and for the primary survey.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saskatchewan</td>
<td>☑️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Croatia</td>
<td>☑️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cyprus</td>
<td>☑️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Czech Republic</td>
<td>☑️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Denmark</td>
<td>☑️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Estonia</td>
<td>☑️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Finland</td>
<td>☑️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>France</td>
<td>☑️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Germany</td>
<td>✓ (not all in Bavaria)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Georgia</td>
<td>☑️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Greece</td>
<td>☑️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hungary</td>
<td>☑️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Iceland</td>
<td>☑️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ireland</td>
<td>☑️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Italy</td>
<td>☑️</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Cadastre authorities as well as licensed surveyors in all states except Bavaria.

This is the recent position due to the campaign of the execution of the Land Compensation Act.

It is the responsibility of the registered owner to ensure that the boundaries and area's submitted for registration reflect the applicants intentions as the Land Registry registers on the basis of this map.
C16. To what extent are private companies used in the surveying of new boundaries?

<table>
<thead>
<tr>
<th>Country</th>
<th>Not at All</th>
<th>In conjunction with Government Employees</th>
<th>Completely</th>
</tr>
</thead>
<tbody>
<tr>
<td>Latvia</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Liechtenstein</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Lithuania</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Luxembourg</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>FYRO Macedonia</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Malta</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Republic of Moldova</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Netherlands</td>
<td>✓</td>
<td>Private companies are contracted by the</td>
<td>✓ Contracting out the technical land survey</td>
</tr>
<tr>
<td></td>
<td></td>
<td>municipalities to undertake cadastre surveys,</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>but this option is only used for 5% of cases</td>
<td></td>
</tr>
<tr>
<td>Norway</td>
<td></td>
<td>✓ in the new cadastre</td>
<td>✓</td>
</tr>
<tr>
<td>Poland</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Portugal</td>
<td>✓ in the old cadastre</td>
<td></td>
<td>✓ in the new cadastre</td>
</tr>
<tr>
<td>Romania</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Russian Federation</td>
<td></td>
<td></td>
<td>✓ 5000 private companies</td>
</tr>
<tr>
<td>San Marino</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Country</td>
<td></td>
<td>✓ According to Law, government employees execute surveying tasks only if there is no private company(s) interesting in doing offered job(s).</td>
<td></td>
</tr>
<tr>
<td>--------------</td>
<td>----------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Serbia</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Slovakia</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Slovenia</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Spain</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Sweden</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Switzerland</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Turkey</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>United Kingdom</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>England &amp; Wales</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Northern Ireland</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Scotland</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>
### National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

**Section C**

#### C17. How many separate parcels were surveyed last year as a result of physical changes?

<table>
<thead>
<tr>
<th>Country</th>
<th>Separate Parcels Surveyed last year as a Result of Physical Changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albania</td>
<td>No information</td>
</tr>
<tr>
<td>Armenia</td>
<td>These records are not held in the system separately</td>
</tr>
<tr>
<td>Austria</td>
<td>100,000 parcels</td>
</tr>
<tr>
<td>Azerbaijan</td>
<td>None</td>
</tr>
<tr>
<td>Belarus</td>
<td>No information supplied</td>
</tr>
<tr>
<td>Bosnia &amp; Herzegovina</td>
<td>No information supplied</td>
</tr>
<tr>
<td>Bulgaria</td>
<td>No information supplied</td>
</tr>
<tr>
<td>Canada</td>
<td></td>
</tr>
<tr>
<td>Alberta</td>
<td>10,300 plans of survey registered</td>
</tr>
<tr>
<td>British Columbia</td>
<td>Approx 10,000</td>
</tr>
<tr>
<td>Manitoba</td>
<td>Approx 1,200 plans</td>
</tr>
<tr>
<td>New Brunswick</td>
<td>Parcels surveyed due to physical changes are not tracked – Approximately 3500 ± plans which create 5000 ± new parcels are filed each year.</td>
</tr>
<tr>
<td>Ontario</td>
<td>This information is not maintained by the land registration system</td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td>Approx 700 subdivision plans filed</td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>Approx 200 due to water body changes</td>
</tr>
<tr>
<td>Croatia</td>
<td>Not available</td>
</tr>
<tr>
<td>Country</td>
<td>Description</td>
</tr>
<tr>
<td>------------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Cyprus</td>
<td>In 1995, 5,000 new parcels have been created as a result of subdivision applications.</td>
</tr>
<tr>
<td>Czech Republic</td>
<td>More than 100,000 survey sketches were made. (one sketch could deal with one or more land parcel changes)</td>
</tr>
<tr>
<td>Denmark</td>
<td>15,000 (8,000 new real properties were created)</td>
</tr>
<tr>
<td>Estonia</td>
<td>31,000</td>
</tr>
<tr>
<td>Finland</td>
<td>30,000</td>
</tr>
<tr>
<td>France</td>
<td>320,000</td>
</tr>
<tr>
<td>Germany</td>
<td>About 230,000</td>
</tr>
<tr>
<td>Georgia</td>
<td>None</td>
</tr>
<tr>
<td>Greece</td>
<td>very small number, no data available</td>
</tr>
<tr>
<td>Hungary</td>
<td>641,662 ha (530,257 ha inner part of the settlements, 102,469 ha in outskirts, 8,936 closed garden) (average numbers of parcels: 13 in inner part, 1/ha in outskirts, 20/ha in closed garden) (average costs of surveying 80,000 HUF in inner part, 15,000 HUF/ha in outskirts, 40,000 HUF/ha in closed garden)</td>
</tr>
<tr>
<td>Iceland</td>
<td>Not known</td>
</tr>
<tr>
<td>Ireland</td>
<td>It is not the function of the Land Registry to check the boundary detail as shown on the ground.</td>
</tr>
<tr>
<td>Italy</td>
<td>About 350,000</td>
</tr>
<tr>
<td>Latvia</td>
<td>60,000</td>
</tr>
<tr>
<td>Liechtenstein</td>
<td>Data not available</td>
</tr>
<tr>
<td>Lithuania</td>
<td>150,000</td>
</tr>
<tr>
<td>Luxembourg</td>
<td>No information</td>
</tr>
<tr>
<td>FYRO Macedonia</td>
<td>45,000</td>
</tr>
<tr>
<td>Malta</td>
<td>1,000</td>
</tr>
<tr>
<td>Republic of Moldova</td>
<td>1,000</td>
</tr>
<tr>
<td>Netherlands</td>
<td>176,000</td>
</tr>
</tbody>
</table>
National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

C17. How many separate parcels were surveyed last year as a result of physical changes?

<table>
<thead>
<tr>
<th>Country</th>
<th>Separate Parcels Surveyed last year as a Result of Physical Changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Norway</td>
<td>40,000</td>
</tr>
<tr>
<td>Poland</td>
<td>lack of information</td>
</tr>
<tr>
<td>Portugal</td>
<td>About 1500 parcels</td>
</tr>
<tr>
<td>Romania</td>
<td>354,334 in 2003</td>
</tr>
<tr>
<td>Russian Federation</td>
<td>Data not available</td>
</tr>
<tr>
<td>San Marino</td>
<td>Data not available</td>
</tr>
<tr>
<td>Serbia</td>
<td></td>
</tr>
<tr>
<td>Slovakia</td>
<td>This information is not available</td>
</tr>
<tr>
<td>Slovenia</td>
<td>About 150,000</td>
</tr>
<tr>
<td>Spain</td>
<td>1,200,000 urban parcels suffered any kind of change on physical features on the cadastral map. 700,000 rural parcels suffered any kind of change on physical features on the cadastral map.</td>
</tr>
<tr>
<td>Sweden</td>
<td>17,000 new properties were created or affected by changes but this means that a much larger number of properties (and parcels) were surveyed, at least partially, in connection with changes.</td>
</tr>
<tr>
<td>Switzerland</td>
<td>35,000 (This is rough estimate as no detailed statistics are maintained)</td>
</tr>
<tr>
<td>Turkey</td>
<td>66,115</td>
</tr>
<tr>
<td>United Kingdom</td>
<td></td>
</tr>
<tr>
<td>England &amp; Wales</td>
<td>Not available</td>
</tr>
<tr>
<td>Northern Ireland</td>
<td>Not available</td>
</tr>
<tr>
<td>Scotland</td>
<td>Not available</td>
</tr>
</tbody>
</table>
National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C18. How is the work of the national survey and recording of parcel boundaries financed in your country

<table>
<thead>
<tr>
<th>Country</th>
<th>By Government Funding %</th>
<th>By Fees for Services</th>
<th>By Other Means (please specify)</th>
<th>Total 100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albania</td>
<td>100% by owners (Fees)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Armenia</td>
<td>5%</td>
<td>25 (current activity 100%)</td>
<td>75 (FTR – donor assistance 100%)</td>
<td>100%</td>
</tr>
<tr>
<td>Austria</td>
<td>5%</td>
<td>30</td>
<td>70 (federal users)</td>
<td>100%</td>
</tr>
<tr>
<td>Azerbaijan</td>
<td>100%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Belarus</td>
<td>95%</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bosnia &amp; Herzegovina</td>
<td>84%</td>
<td>10</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Bulgaria</td>
<td>95%</td>
<td></td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Canada</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alberta</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>British Columbia</td>
<td></td>
<td></td>
<td>100% by owner when subdividing property</td>
<td></td>
</tr>
</tbody>
</table>
## National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

### Section C

**C18. How is the work of the national survey and recording of parcel boundaries financed in your country**

<table>
<thead>
<tr>
<th>Country</th>
<th>By Government Funding %</th>
<th>By Fees for Services</th>
<th>By Other Means (please specify)</th>
<th>Total 100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manitoba</td>
<td>Public Works Plans, highways water control 10%</td>
<td>Private plans, subdivisions, parcel plans 85%</td>
<td>5% (Special plot plans financed by the Agency. Plan remonumentation funded 50% by agency and 50% by Municipality</td>
<td>100</td>
</tr>
<tr>
<td>New Brunswick</td>
<td>Highway and Public lands – 10%</td>
<td>Private subdivisions and survey plans – 90%</td>
<td>100 (user fees)</td>
<td>100</td>
</tr>
<tr>
<td>Ontario</td>
<td></td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td></td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>Primary Surveys and 5% secondary are financed by the Government</td>
<td>95% of Secondary surveys are financed by private individuals</td>
<td>60 Local level, public companies</td>
<td>100</td>
</tr>
<tr>
<td>Croatia</td>
<td>40</td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Cyprus</td>
<td>40</td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Czech Republic</td>
<td>100% of land parcel registering</td>
<td></td>
<td>Surveys of physical land parcel changes are financed by owners, only surveys of land parcels restituted to original owners are paid by the State</td>
<td>100</td>
</tr>
<tr>
<td>Denmark</td>
<td></td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Estonia</td>
<td>100% of land parcel registering financed by Government Funding</td>
<td></td>
<td>Surveys of physical land parcel changes are financed by owners, only surveys of land parcels restituted to original owners are</td>
<td>100</td>
</tr>
<tr>
<td>---------------</td>
<td>-------------------</td>
<td>----------------------</td>
<td>----------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Estonia (cont.)</td>
<td></td>
<td></td>
<td>paid by the State. 100% of land parcel registering financed by Government Funding</td>
<td></td>
</tr>
<tr>
<td>Finland</td>
<td>25</td>
<td>75</td>
<td>100 by ownerships</td>
<td></td>
</tr>
<tr>
<td>France</td>
<td></td>
<td></td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Germany</td>
<td>100</td>
<td>100 (by the owner)</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Georgia</td>
<td></td>
<td>50</td>
<td>50 Donors financed initial registration</td>
<td></td>
</tr>
<tr>
<td>Greece</td>
<td>100</td>
<td></td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Hungary</td>
<td>90</td>
<td>7</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Iceland</td>
<td>60</td>
<td>40</td>
<td>3 Surveying activities related to the privatisation of the cooperative lands is financed by the interested parties</td>
<td></td>
</tr>
<tr>
<td>Ireland</td>
<td></td>
<td></td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Italy</td>
<td>100</td>
<td></td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Latvia</td>
<td>5</td>
<td>95</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Liechtenstein</td>
<td>100</td>
<td></td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Lithuania</td>
<td>25</td>
<td>75</td>
<td>100</td>
<td></td>
</tr>
</tbody>
</table>
### National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

#### Section C

C18. How is the work of the national survey and recording of parcel boundaries financed in your country

<table>
<thead>
<tr>
<th>Country</th>
<th>By Government Funding %</th>
<th>By Fees for Services</th>
<th>By Other Means (please specify)</th>
<th>Total 100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Luxembourg</td>
<td>100</td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>FYRO Macedonia</td>
<td>100</td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Malta</td>
<td>100</td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Republic of Moldova</td>
<td>40</td>
<td>10</td>
<td>50</td>
<td>100</td>
</tr>
<tr>
<td>Netherlands</td>
<td></td>
<td>100</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Norway</td>
<td>70</td>
<td>30</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Poland</td>
<td>lack of information</td>
<td>lack of information</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Portugal</td>
<td>93</td>
<td>7</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Romania</td>
<td>100% for systematic cadastre</td>
<td>100% for sporadic information</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Russian Federation</td>
<td>100</td>
<td>70*</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>San Marino</td>
<td>100</td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Serbia</td>
<td>100</td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Slovakia</td>
<td>100</td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Slovenia</td>
<td>50</td>
<td>50</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Spain</td>
<td>100</td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Country</td>
<td>%</td>
<td>Number</td>
<td>Notes</td>
<td></td>
</tr>
<tr>
<td>------------------</td>
<td>---</td>
<td>--------</td>
<td>----------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Sweden</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Switzerland</td>
<td>92% (Federal 10 - 90% Cantonal approx half of rest Communal approx half of rest)</td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Turkey</td>
<td>85</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>United Kingdom</td>
<td>100</td>
<td></td>
<td>Topographic survey wholly funded by Government but 93% costs recovered through commercial revenue including fees paid by Land Registry to Ordnance Survey for mapping and survey services</td>
<td>100</td>
</tr>
<tr>
<td>England &amp; Wales</td>
<td>95</td>
<td></td>
<td>Topographic survey wholly funded by Government but 93% costs recovered through commercial revenue including fees paid by Land Registry to Ordnance Survey for mapping and survey services</td>
<td>100</td>
</tr>
<tr>
<td>Northern Ireland</td>
<td>100</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scotland</td>
<td>15</td>
<td></td>
<td>Topographic survey wholly funded by Government but 93% costs recovered through commercial revenue including fees paid by Land Registry and Registers of Scotland to Ordnance Survey for mapping and survey services</td>
<td>100</td>
</tr>
</tbody>
</table>
C19. What was the total cost last year of:

<table>
<thead>
<tr>
<th>Country</th>
<th>The Maintenance of the National Survey and Recording of Parcel Boundaries in your Country</th>
<th>Investing in Further Developments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albania</td>
<td>No information</td>
<td></td>
</tr>
<tr>
<td>Armenia</td>
<td>Nearly 1,500,000</td>
<td>Nearly 1,000,000</td>
</tr>
<tr>
<td>Austria</td>
<td>64 million US$ (Federal Cadastre)</td>
<td></td>
</tr>
<tr>
<td>Azerbaijan</td>
<td>133,685 thousand Manat</td>
<td>179,859 thousand Manat</td>
</tr>
<tr>
<td>Belarus</td>
<td>No information</td>
<td></td>
</tr>
<tr>
<td>Bosnia &amp; Herzegovina</td>
<td>No information supplied</td>
<td></td>
</tr>
<tr>
<td>Bulgaria</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Canada</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alberta</td>
<td>$1m Can</td>
<td></td>
</tr>
<tr>
<td>British Columbia</td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>Manitoba</td>
<td>Approx. $400,000 Can</td>
<td></td>
</tr>
<tr>
<td>New Brunswick</td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>Ontario</td>
<td>–</td>
<td></td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td>Property Mapping – 100,000</td>
<td>GIS</td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>Not available today but will be available in the new system</td>
<td></td>
</tr>
<tr>
<td>Croatia</td>
<td>DEM 6.5 mil.</td>
<td>DEM 12 mil.</td>
</tr>
<tr>
<td>Cyprus</td>
<td>CY £4,000,000</td>
<td>CY £2,700,000</td>
</tr>
<tr>
<td>Country</td>
<td>Description</td>
<td>Value</td>
</tr>
<tr>
<td>--------------------</td>
<td>------------------------------------------------------------------------------</td>
<td>------------------------------</td>
</tr>
<tr>
<td>Czech Republic</td>
<td>(The answers were included in Section B Question 12 but were not observed separately)</td>
<td>80 million DKR (14 million $US) (Licensed Land Surveyors in private practice not included)</td>
</tr>
<tr>
<td>Denmark</td>
<td></td>
<td>€54 million</td>
</tr>
<tr>
<td>Estonia</td>
<td></td>
<td>€2 million</td>
</tr>
<tr>
<td>Finland</td>
<td></td>
<td>Not supplied</td>
</tr>
<tr>
<td>France</td>
<td></td>
<td>Unknown</td>
</tr>
<tr>
<td>Germany</td>
<td></td>
<td>Unknown</td>
</tr>
<tr>
<td>Georgia</td>
<td></td>
<td>no data available</td>
</tr>
<tr>
<td>Greece</td>
<td></td>
<td>no data available</td>
</tr>
<tr>
<td>Hungary</td>
<td></td>
<td>1,300 million HUF</td>
</tr>
<tr>
<td>Iceland</td>
<td></td>
<td>18 million IKR (0.25 million USD)</td>
</tr>
<tr>
<td>Ireland</td>
<td></td>
<td>453,000 Ls</td>
</tr>
<tr>
<td>Italy</td>
<td></td>
<td>–</td>
</tr>
<tr>
<td>Latvia</td>
<td></td>
<td>LTL 3 million (EUR 870,000)</td>
</tr>
<tr>
<td>Liechtenstein</td>
<td></td>
<td>–</td>
</tr>
<tr>
<td>Lithuania</td>
<td></td>
<td>LTL 45 million (EUR 13 million)</td>
</tr>
<tr>
<td>Luxembourg</td>
<td></td>
<td>–</td>
</tr>
<tr>
<td>FYRO Macedonia</td>
<td></td>
<td>£Stg 200,000 for maintaining national survey</td>
</tr>
<tr>
<td>Malta</td>
<td></td>
<td>£Stg 150,000</td>
</tr>
<tr>
<td>Republic of Moldova</td>
<td></td>
<td>See B.12 (1997)</td>
</tr>
<tr>
<td>Netherlands</td>
<td></td>
<td>€60 million</td>
</tr>
<tr>
<td>Norway</td>
<td></td>
<td>25,000,000 Norw. Kroner</td>
</tr>
</tbody>
</table>
C19. What was the total cost last year of:

<table>
<thead>
<tr>
<th>Country</th>
<th>The Maintenance of the National Survey and Recording of Parcel Boundaries in your Country</th>
<th>Investing in Further Developments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poland</td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>Portugal</td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>Romania</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Russian Federation</td>
<td>Not supplied</td>
<td></td>
</tr>
<tr>
<td>San Marino</td>
<td>The required costs are already included in costs mentioned in part B.12 and it is impossible to specify them separately.</td>
<td></td>
</tr>
<tr>
<td>Slovakia</td>
<td>700,000 EUR (State Budget)</td>
<td>1,550,000 EUR</td>
</tr>
<tr>
<td>Slovenia</td>
<td>Cadastral Organisation Budget for 2004 ia about 120,202,421 EUR</td>
<td></td>
</tr>
<tr>
<td>Spain</td>
<td>400 MSEK</td>
<td>30 MSEK</td>
</tr>
<tr>
<td>Sweden</td>
<td>95 million SFr. (approximation - no detailed records)</td>
<td>80 million SFr.</td>
</tr>
<tr>
<td>Switzerland</td>
<td>13,621,117 $US</td>
<td>1,294,118 $US</td>
</tr>
<tr>
<td>England &amp; Wales</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Northern Ireland</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scotland</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

C20. Please list the main regulations or legislation under which the topographical cadastral survey or parcel and boundary recording is administered in your country:

<table>
<thead>
<tr>
<th>Country</th>
<th>List of Main Regulations or Legislation Under Which the Topographical Cadastral Survey or Parcel and Boundary Recording is Administered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albania</td>
<td>Regulation of Council of Ministers 1974</td>
</tr>
<tr>
<td>Armenia</td>
<td>1. The Law on ‘State Registration of Rights on Real Property’&lt;br&gt;2. The Resolution of the Government on ‘The Approval of the Regulation on First State Title Registration in the Areas where the cadastral mapping is completed’&lt;br&gt;3. Regulation on implementation of cadastral mapping activities</td>
</tr>
<tr>
<td>Austria</td>
<td>Federal Surveying Law</td>
</tr>
<tr>
<td>Azerbaijan</td>
<td>Resolutions of the Cabinet of the Republic of Azerbaijan: No 239, 31/07/91 and No 34, Article 24.01, 1992</td>
</tr>
<tr>
<td>Belarus</td>
<td>Registration Law</td>
</tr>
<tr>
<td>Bosnia &amp; Herzegovina</td>
<td>Zakono Finasiranjn Premjera i Katastra Nekretnina (Law about Surveying and Real Estate Financing)</td>
</tr>
<tr>
<td>Bulgaria</td>
<td>Law on Cadastre (Its by Law), Law on Ownership and use of Agricultural land; (its by law); Law on Court Authority, Law on Ownership</td>
</tr>
<tr>
<td>Canada</td>
<td>Surveys Act, Land Titles Act</td>
</tr>
<tr>
<td><em>Alberta</em></td>
<td>Surveys Act, Land Titles Act</td>
</tr>
<tr>
<td><em>British Columbia</em></td>
<td>Numerous</td>
</tr>
<tr>
<td><em>Manitoba</em></td>
<td>The Surveys Act, The Real Property Act, The Special Surveys Act</td>
</tr>
<tr>
<td><em>New Brunswick</em></td>
<td>Surveys Act, ANBLS Act</td>
</tr>
</tbody>
</table>
C20. Please list the main regulations or legislation under which the topographical cadastral survey or parcel and boundary recording is administered in your country:

<table>
<thead>
<tr>
<th>Country</th>
<th>List of Main Regulations or Legislation Under Which the Topographical Cadastral Survey or Parcel and Boundary Recording is Administered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ontario</td>
<td>Surveys Act, Surveyors Act, Land Titles Act, Registry Act, Land Registration Reform Act, Condominium Act, Boundaries Act, Certification of Titles Act; and Regulations made under all those Acts.</td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td>None supplied</td>
</tr>
<tr>
<td>Croatia</td>
<td>Zakon o geodetskoj izmjeri i katastru zemljista (The Law of Geodesy and Cadastre) Regulations that belong to The Law of Geodesy and Cadastre</td>
</tr>
<tr>
<td>Cyprus</td>
<td>The main legislation is: The Immovable Property (Tenure, Registration and Valuation) Law Cap. 224.</td>
</tr>
<tr>
<td>Denmark</td>
<td>The Law of Subdivision and other Registration in the Cadastre.</td>
</tr>
<tr>
<td>Estonia</td>
<td>Land Cadastre Act; Land Readjustment Act; and internal regulations</td>
</tr>
<tr>
<td>Finland</td>
<td>Act and Ordinance on Cadastral Surveys and Regulations given by the NLS</td>
</tr>
<tr>
<td>France</td>
<td></td>
</tr>
<tr>
<td>Germany</td>
<td>Surveying and Cadastre Acts of the States of FRG (Länder)</td>
</tr>
<tr>
<td>Greece</td>
<td>L2308/1995 cadastral surveys for National Cadastre, L3127/2003</td>
</tr>
<tr>
<td>Country</td>
<td>Acts/Regulations</td>
</tr>
<tr>
<td>-------------</td>
<td>-------------------------------------------------------------------------------------------------</td>
</tr>
</tbody>
</table>
| Hungary     | • Act No. LXIII of 1992 on the Protection of Personal Data and the Disclosure of Public Information  
              • Act No. LV of 1994 on Cultivable Land (Land Law)  
              • Act No. XV of 1995 Subject: Amendment of Act on Committees of Land re-organisation..  
              • Act No. XXXVIII of 1995 Subject: Amendment of the Compensation Act (Act No. XXV of 1991)  
              • Act No. LXXVI of 1996 on Surveying and Mapping Activities  
              This Act was passed by Parliament in late October 1996. Basic aim of the act is to ensure that series of maps be available covering the total area of the country, that are suitable as bases of real property registration, geographic information systems, defence, as well as of various economic, scientific and social subjects. The legal measure also sets the rules to what degree users of maps are to cover the costs of maps. The act is supported by two Ministerial-level executive orders such as 16/1997 (III.5) FVM (FVM-Ministry of Agriculture and Regional Development) and 21/1997 (III.12) FVM-HM (HM -Ministry of Defence), and the order 63/1999(VII.21.) of FVM-HM-PM(PM-Minsitry of Finance).  
              • Parliament’s Resolution No. 83/1997(IX.26.)OGY(Parliament) on Hungary’s National Environmental Programme  
              • Act No. CXLI/1997 on Land Registration and the related executive order 109/1999(XII.29.) of FVM.  
              • Parliament’s Resolution No. 35/1998(III.20.)OGY(Parliament) on the National Regional Development Concept  
              • Government Decree No. 236/1998 (XII.30.) Korm.(Government) on registration of farmers as condition for receiving state aid.  
              • Order 62/1999(VII.21) FVM on the detailed regulations of land classification  
              • Government Decree No.184/1999(XII.13)Korm. on the detailed regulations of the registration of land use (by setting up and maintaining the Registry on Land Users at the Land Offices)  
              • Order 105/1999(XII.22) FVM on the detailed regulations of land classification  
              • Government Decree No. 113/2000. (XII.27.)Korm. on the Registration of the Data Property of Public Administration  
| Iceland     | The Law of the National Survey nr. 95/1997  
              The Zoning and Building Law nr. 73/1997  
              The Law of Registration of deeds, mortgages, transfer of ownership etc nr. 39/1978  
              The Law of Registration and Valuation of Real Properties nr. 94/1976  
              The Law of Rural properties nr. 65/1976  
| Ireland     | Registration of Title Act 1964 Sections 84, 85 and 89. Land Registration Rules 1972 rules 15(1)c, 56,174,175,176 and 188.  
| Latvia      | 1. The Law “On the State Land Service”  
              2. The “Conception of the Development of Cartography of Latvia”  
              3. Governments regulations and real estate cadastre  
              4. The Law “On finishing of land reform in rural territories”  
              5. The Law “On finishing of land reform in cities”  
              6. Regulations issuing by the State Land service  
| Liechtenstein | — |
National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

C20. Please list the main regulations or legislation under which the topographical cadastral survey or parcel and boundary recording is administered in your country:

<table>
<thead>
<tr>
<th>Country</th>
<th>List of Main Regulations or Legislation Under Which the Topographical Cadastral Survey or Parcel and Boundary Recording is Administered</th>
</tr>
</thead>
</table>
| Lithuania         | Law on the Real Property Cadastre  
|                   | Law on the Real Property Register  
|                   | Regulations on the Real Property Register  
|                   | Law on Land  
|                   | Regulations on the Real Property cadastre  
|                   | Law on Territorial Planning  |
| Luxembourg        |                                                                                                                             |
| FYRO Macedonia    | Law for Land Surveying, Cadastre and Real Estate Rights Inscription  |
| Malta             |                                                                                                                             |
| Republic of Moldova | See B13                                                                                                                |
| Netherlands       | Cadastral Act and Internal Regulations  |
| Norway            | Law on the Land Cadastre (Land Subdivision Act)  |
|                   | 2. Ordinance of the Ministers of Physical Planning and Construction and Agriculture and Food Economy of 17th December 1996 in the matter of land and building registry. (Land and Building cadastre).  
<p>|                   | 3. Ordinance of the Ministers of Physical Planning and construction and Agriculture and Food Economy of the 5th August 1996 on the demarcation of real estate.  |
| Portugal          | Decree- Law no 172/95 and Decree-Law No 287/95 – for the new cadastre, Decree-Law No 287/03 – for the old Cadastre.  |
| Romania           | Law No 7 of 1996 on General Cadastre and Public Registers Technical Norms for General Cadastre Works: Regulations for Checking the Geodetic Works |</p>
<table>
<thead>
<tr>
<th>Country</th>
<th>Relevant Laws</th>
</tr>
</thead>
<tbody>
<tr>
<td>Russian Federation</td>
<td>Not Supplied</td>
</tr>
<tr>
<td>Serbia</td>
<td>Zakon o drzavnom premeru i katastru i upisima prava na nepokretnostima (Law on State Land Survey, Cadastre and Registration of Real Estate Rights) Zakon o opstem upravnom postupku (Law on Basic Administrative Procedure) Pravilnik o izradi i odrzavanju katastra nepokretnosti (Regulation for Establishment and Maintaining of Real Estate Cadastre) Pravilnik o planovima i kartama (Regulation for Maps and Plans) Pravilnik o geodetskim radovima za posebne potrebe (Regulation for Geodetic Works for Specific Requirement) Uredba o načinu cuvanja, koriscenja i razgledanja podataka premera, katastra zemljista, katastra nepokretnosti i vodova (Bylaw for Storage, Usage and Inspection of Surveying Data, Land Cadastre, Real Estate Cadastre and Infrastructures) Uredba o digitalnom geodetskom planu (Bylaw on Digital Geodetic Map) Uredba o primeni tehnologije globalnog pozicionog sistema u okviru premera nepokretnosti (Bylaw for GPS technology Application within Real Estate Survey) Uredba o visini naknade za koriscenje podataka premera i katastra i pruzanje usluga RGZ (Bylaw on Payment Level for Surveying and Cadastral Data Usage and Service Providing by RGA)</td>
</tr>
<tr>
<td>Spain</td>
<td>Ley Reguladora de Haciendas Locales Normas Técnicas de Valoración Real Decreto Legislativo 1/2004, de 5 de marzo, por el que se aprueba la Ley del Catastro Inmobiliario</td>
</tr>
<tr>
<td>Sweden</td>
<td>Jordabalken (Land Code) Fastighetsbildningslagen (Real Property Formation Act) Lag om fastighetsregister (Real property Register Act.) Förrordning om fastighetsregister (Real Property Register Ordinance) Mätningsskungörels (Survey Regulation Ordinance)</td>
</tr>
<tr>
<td>Switzerland</td>
<td>Swiss Civil Law (Zivilgesetzbuch ZGB) Ordnance for Official Surveying (Verordnung über die amtliche Vermessung VAV) Technical Ordnance for Official Surveying (Technische Verordnung über die amtliche Vermessung TVAV)</td>
</tr>
</tbody>
</table>
C20. Please list the main regulations or legislation under which the topographical cadastral survey or parcel and boundary recording is administered in your country:

<table>
<thead>
<tr>
<th>Country</th>
<th>List of Main Regulations or Legislation Under Which the Topographical Cadastral Survey or Parcel and Boundary Recording is Administered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turkey</td>
<td>The cadastre is methodically arranged as public inventory of the immovables within a certain district according to the Cadastre Law (no 3402 on June 21, 1987).</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>Ordnance Survey Act 1841, OS Framework Document</td>
</tr>
<tr>
<td>England &amp; Wales</td>
<td>Ordnance Survey Act 1841, OS Framework Document</td>
</tr>
<tr>
<td>Northern Ireland</td>
<td>Ordnance Survey Act 1841, OS Framework Document</td>
</tr>
<tr>
<td>Scotland</td>
<td>Ordnance Survey Act 1841, OS Framework Document</td>
</tr>
</tbody>
</table>
Record and Determination of Land Use and Classification of Attributes Section D

D1. Do you have a standard land use classification system?

<table>
<thead>
<tr>
<th>Country</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albania</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Armenia</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Austria</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Azerbaijan</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Belarus</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Bosnia &amp; Herzegovina</td>
<td>✓</td>
<td>(administered through municipalities)</td>
</tr>
<tr>
<td>Bulgaria</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Canada</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alberta</td>
<td></td>
<td>(administered by local municipalities)</td>
</tr>
<tr>
<td>British Columbia</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Manitoba</td>
<td>✓ (Administered through municipalities)</td>
<td></td>
</tr>
<tr>
<td>New Brunswick</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Croatia</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Cyprus</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Czech Republic</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>
**Record and Determination of Land Use and Classification of Attributes Section D**

D1. Do you have a standard land use classification system?

<table>
<thead>
<tr>
<th>Country</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Denmark</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Estonia</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Finland</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>France</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Germany</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Georgia</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Greece</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Hungary (Yes)</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Iceland (Yes)</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Ireland (Yes)</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Italy (Yes)</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Latvia (Yes)</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Liechtenstein</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Lithuania</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Luxembourg</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>FYRO Macedonia</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

For selected agricultural and forest categories in 9 different classes: arable land, garden, orchard, vineyard, meadow, pasture, forest, reed, fishpond. (Hungary)

Used primarily for tax assessment purposes. (Iceland)
<table>
<thead>
<tr>
<th>Country</th>
<th>Land Use Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Malta</td>
<td>✓</td>
</tr>
<tr>
<td>Republic of Moldova</td>
<td>✓</td>
</tr>
<tr>
<td>Netherlands</td>
<td>✓</td>
</tr>
<tr>
<td>Norway</td>
<td>✓ but only for arable land and forest</td>
</tr>
<tr>
<td>Poland</td>
<td>✓</td>
</tr>
<tr>
<td>Portugal</td>
<td>✓</td>
</tr>
<tr>
<td>Romania</td>
<td>✓ (only a limited classification for cadastre use)</td>
</tr>
<tr>
<td>Russian Federation</td>
<td>✓</td>
</tr>
<tr>
<td>San Marino</td>
<td>✓</td>
</tr>
<tr>
<td>Serbia</td>
<td>✓</td>
</tr>
<tr>
<td>Slovakia</td>
<td>✓</td>
</tr>
<tr>
<td>Slovenia</td>
<td>✓</td>
</tr>
<tr>
<td>Spain</td>
<td>✓</td>
</tr>
<tr>
<td>Sweden</td>
<td>✓ Used primarily for tax assessment purposes</td>
</tr>
<tr>
<td>Switzerland</td>
<td>✓</td>
</tr>
<tr>
<td>Turkey</td>
<td></td>
</tr>
<tr>
<td>United Kingdom</td>
<td></td>
</tr>
<tr>
<td>England &amp; Wales</td>
<td>✓</td>
</tr>
<tr>
<td>Northern Ireland</td>
<td>✓</td>
</tr>
<tr>
<td>Scotland</td>
<td>✓</td>
</tr>
</tbody>
</table>

Based on the description in the notorial deeds the land use is recorded in the cadastral registration. Alterra maintain a land use map (country covering) at small scale, and a soil map. (is not an official registration). Municipalities have land use maps for spatial planning purposes.
### Record and Determination of Land Use and Classification of Attributes Section D

D2. If yes, who is responsible for maintaining or amending the classification system:

<table>
<thead>
<tr>
<th>Country</th>
<th>National Ministry</th>
<th>Regional or Local Government</th>
<th>Research Institute</th>
<th>Other (please specify)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albania</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Armenia</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Austria</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Azerbaijan</td>
<td>NLC and Azgipromzem</td>
<td></td>
<td></td>
<td>✓The State Committee of the Real Property Cadastre of the Government of the Republic of Armenia</td>
</tr>
<tr>
<td>Belarus</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bosnia &amp; Herzegovina</td>
<td></td>
<td>✓</td>
<td></td>
<td>National Cadastral Agency</td>
</tr>
<tr>
<td>Bulgaria</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Canada</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alberta</td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>British Columbia</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Manitoba</td>
<td></td>
<td></td>
<td></td>
<td>Assessment Branch (SNB)</td>
</tr>
<tr>
<td>New Brunswick</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td>Provincial and Municipal jurisdictions</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Saskatchewan</td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Croatia</td>
<td>✓ State Geodetic Administration</td>
<td></td>
<td>✓ Cadastral offices</td>
<td></td>
</tr>
<tr>
<td>Country</td>
<td>Status</td>
<td>Notes</td>
<td></td>
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</tr>
<tr>
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<td>----------------------------------------------------------------------</td>
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<td></td>
</tr>
<tr>
<td>Cyprus</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Czech Republic</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Denmark</td>
<td>✓</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Estonia</td>
<td>✓</td>
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</tr>
<tr>
<td>Finland</td>
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<td></td>
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</tr>
<tr>
<td>France</td>
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</tr>
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<td>Germany</td>
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<td>Georgia</td>
<td>✓</td>
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<td>Greece</td>
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</tr>
<tr>
<td>Hungary</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Iceland</td>
<td></td>
<td>The Valuation Office of Iceland (Fasteignamat rikisins)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ireland</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Italy</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Latvia</td>
<td></td>
<td>✓ State Land Service of the Republic of Latvia</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Liechtenstein</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lithuania</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Luxembourg</td>
<td></td>
<td>✓ State Authority for Geodetic Works</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FYRO Macedonia</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Malta</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

✓ The record and determination of Land Use and Classification of Attributes is a work carried out by the Town Planning Department of the Ministry of interior and not by the Lands and Surveys Department.

✓ the NLS
D2. If yes, who is responsible for maintaining or amending the classification system:

<table>
<thead>
<tr>
<th>Country</th>
<th>National Ministry</th>
<th>Regional or Local Government</th>
<th>Research Institute</th>
<th>Other (please specify)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Republic of Moldova</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td>✓ (National Cadastre Agency)</td>
</tr>
<tr>
<td>Netherlands</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Norway</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Poland</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Portugal</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Romania</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Russian Federation</td>
<td>✓ Russian Federation State Committee for Land Resources and Land Management</td>
<td></td>
<td></td>
<td>✓ Republic Geodetic Authority (RGA) is responsible for application and adaptation of classification system, i.e. Topographic Key registry.</td>
</tr>
<tr>
<td>San Marino</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Serbia</td>
<td>✓ Ministry is responsible for enactment of suggested corrections made by RGA.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Slovakia</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Slovenia</td>
<td>✓</td>
<td></td>
<td></td>
<td>Cadastre at the National level records and updates the uses of land including buildings and crops Urban Planning is in charge of the local authorities, but there is not a central registry.</td>
</tr>
<tr>
<td>Spain</td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Region</td>
<td>Country</td>
<td>Office Name</td>
<td></td>
<td></td>
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<tr>
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<td>------------------------------</td>
<td>-------------------------------------------------</td>
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<tr>
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<tr>
<td>Switzerland</td>
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<td>Swiss Federal Statistical Office</td>
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</tr>
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<td>Turkey</td>
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</tr>
<tr>
<td>United Kingdom</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>England &amp; Wales</td>
<td></td>
<td>Office of Deputy Prime Minister (ODPM)</td>
<td></td>
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<tr>
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<tr>
<td>Scotland</td>
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</table>
D3. Do you have a unified system for collecting information on the distribution of land use for the whole country?

<table>
<thead>
<tr>
<th>Country</th>
<th>Yes</th>
<th>No, But Have Plans to do so</th>
<th>No, and Have no Plans</th>
<th>If ‘Yes’, Please Complete questions 4-8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albania</td>
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<td>Belarus</td>
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<tr>
<td>Bosnia &amp; Herzegovina</td>
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<td>Bulgaria</td>
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<td>Prince Edward Island</td>
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<td>Provincially and Municipally</td>
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<td>Saskatchewan</td>
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</table>

Baseline thematic mapping at a scale of 1:250000 captures a mixture of land use and land cover for the province.
<table>
<thead>
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<td>Estonia</td>
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<td>Finland</td>
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<td>France</td>
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<td>Germany</td>
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<td>Liechtenstein</td>
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<td>Luxembourg</td>
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<td>FYRO Macedonia</td>
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<td>Malta</td>
<td>✓</td>
</tr>
<tr>
<td>Republic of Moldova</td>
<td>✓</td>
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<tr>
<td>Netherlands</td>
<td>✓ only the non urban lands</td>
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### Record and Determination of Land Use and Classification of Attributes Section D

D3. Do you have a unified system for collecting information on the distribution of land use for the whole country?

<table>
<thead>
<tr>
<th>Country</th>
<th>Yes</th>
<th>No, But Have Plans to do so</th>
<th>No, and Have no Plans</th>
<th>If ‘Yes’, Please Complete questions 4-8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Norway</td>
<td>✓</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>but only for arable land, forest etc.</td>
<td></td>
<td></td>
<td></td>
<td>✓</td>
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<td>Poland</td>
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<td>San Marino</td>
<td>✓</td>
<td></td>
<td></td>
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<tr>
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<td>✓</td>
<td></td>
<td>✓ Each cadastral municipality (CM) has for its area of competence so called “Overview of tracts and cadastral income by cultures and classes and uncultivable areas”.</td>
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<td>Switzerland</td>
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<td>Turkey</td>
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<td></td>
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<tr>
<td>United Kingdom</td>
<td>England &amp; Wales</td>
<td>Northern Ireland</td>
<td>Scotland</td>
<td>LUCS, GLUD and NLUD are all classifications administered by ODPM</td>
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<tr>
<td>---------------</td>
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<td>---------------------------------------------------------------</td>
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</table>

LUCS, GLUD and NLUD are all classifications administered by ODPM.
### Record and Determination of Land Use and Classification of Attributes Section D

#### D4. Is this system administered and records maintained?

<table>
<thead>
<tr>
<th>Country</th>
<th>At National Level by a Ministry</th>
<th>At National Level by Another Organisation, e.g. Research Institute</th>
<th>At State/Province Level</th>
<th>At Regional or Local Level</th>
<th>Other (please specify)</th>
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<tbody>
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<td></td>
<td></td>
<td>Each region</td>
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<tr>
<td>Bosnia &amp; Herzegovina</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>✓ The State Committee of the Real Property Cadastre of the Government of the Republic of Armenia</td>
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<td>Prince Edward Island</td>
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<td>✓ In municipalities</td>
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<td>Saskatchewan</td>
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<tr>
<td>Country</td>
<td>Ministry of Environment</td>
<td>National Land Board</td>
<td>State Land Service of the Republic of Latvia</td>
<td>National Land Survey and State Enterprise Centre of Registers</td>
<td>By 116 district Land Offices</td>
</tr>
<tr>
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<td>Estonia</td>
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<td>✓ National Land Board</td>
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<tr>
<td>Latvia</td>
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<td>✓ State Land Service of the Republic of Latvia</td>
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<tr>
<td>Lithuania</td>
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<td>✓ National Land Survey and State Enterprise Centre of Registers</td>
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<td>Luxembourg</td>
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</table>
### Record and Determination of Land Use and Classification of Attributes Section D

**D4. Is this system administered and records maintained?**

<table>
<thead>
<tr>
<th>Country</th>
<th>At National Level by a Ministry</th>
<th>At National Level by Another Organisation, e.g. Research Institute</th>
<th>At State/Province Level</th>
<th>At Regional or Local Level</th>
<th>Other (please specify)</th>
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<tbody>
<tr>
<td>FYRO Macedonia</td>
<td>✓</td>
<td></td>
<td></td>
<td>✓</td>
<td>✓ By State Authority for Geodetic Works (Supervision Storage)</td>
</tr>
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<td>Malta</td>
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<td>✓</td>
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</tr>
<tr>
<td>Netherlands</td>
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<tr>
<td>Russian Federation</td>
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<tr>
<td>San Marino</td>
<td>✓</td>
<td></td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Serbia</td>
<td>✓ RGA with legal support from Ministry use and maintain and administer established system.</td>
<td>✓ On level of canton, there are sample parcels as first-rate benchmarks. Also, cadastral income is defined on this level.</td>
<td>✓</td>
<td>✓</td>
<td>✓ Local Real Estate Cadastre Offices keep the land use information on cadastral maps and database.</td>
</tr>
<tr>
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<td>✓</td>
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<tr>
<td>Country</td>
<td>Ministry/Office</td>
<td>Cadastre records and updates the user of land including buildings and crops</td>
<td>Urban Planning is in charge of local authorities, but there is no central registry</td>
<td>Changes to land use are identified by OS under contract to ODPM</td>
<td></td>
</tr>
<tr>
<td>--------------------</td>
<td>---------------------------------------------------------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>---------------------------------------------------------------------------------</td>
<td>----------------------------------------------------------------</td>
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<tr>
<td>Slovenia</td>
<td>✓ Ministry for Agriculture, Forestry and Food</td>
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<td>Spain</td>
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<td></td>
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<tr>
<td>England &amp; Wales</td>
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<td>Northern Ireland</td>
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<tr>
<td>Scotland</td>
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</table>
Record and Determination of Land Use and Classification of Attributes Section D

D5. To what extent is the country covered?

<table>
<thead>
<tr>
<th>Country</th>
<th>Complete Census</th>
<th>Sample of Parcels</th>
<th>Sample of Points</th>
<th>Other</th>
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<td>Bosnia &amp; Herzegovina</td>
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<tr>
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<td>Manitoba</td>
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<td></td>
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<tr>
<td>New Brunswick</td>
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<tr>
<td>Prince Edward Island</td>
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<td>✓</td>
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<tr>
<td>Saskatchewan</td>
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</table>

✓ 30% (occupied lands)
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<th>Notes</th>
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<td>Germany</td>
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<td>Georgia</td>
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<tr>
<td>Greece</td>
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<td></td>
</tr>
<tr>
<td>Hungary</td>
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<td></td>
</tr>
<tr>
<td>Iceland</td>
<td>✓</td>
<td>except unhabited parts of the country, mainly central Iceland.</td>
</tr>
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<td>non-urban land</td>
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✓ Registered parcels identify rural and urban areas
D5. To what extent is the country covered?

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<th>Sample of Points</th>
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<td>Scotland</td>
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</table>

✓ 1 point per hectare; approximately 4.1 million points. (1 hectare = 10,000 m²)
### Record and Determination of Land Use and Classification of Attributes  Section D

D6. What method of data collection is used?

<table>
<thead>
<tr>
<th>Country</th>
<th>Through the Mapping System</th>
<th>Field Surveying</th>
<th>Photographic Surveying</th>
<th>Through Another Administrative System</th>
<th>Other (please specify)</th>
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D6. What method of data collection is used?

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</table>

✓ Remote sensing
✓ Laboratory research and identification of physical-chemical qualities of soil from cadastral municipality sample parcel. Besides, there is canton sample parcel as first-rate benchmark.
### Record and Determination of Land Use and Classification of Attributes Section D

**D6. What method of data collection is used?**

<table>
<thead>
<tr>
<th>Country</th>
<th>Through the Mapping System</th>
<th>Field Surveying</th>
<th>Photographic Surveying</th>
<th>Through Another Administrative System</th>
<th>Other (please specify)</th>
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<td>Switzerland</td>
<td></td>
<td>✓ Random checks and points which cannot be interpreted on the aerial photographs</td>
<td>✓ Conventional black &amp; white aerial photographs</td>
<td></td>
<td>✓ Interpretation supported by a variety of additional information (protected areas)</td>
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<td>✓ GLUD depiction is a derived dataset from large scale mapping</td>
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D7. Is the data held?

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### Record and Determination of Land Use and Classification of Attributes Section D

**D7. Is the data held?**

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✓ As standard content of cadastral maps.
D8. Is the data available for enquiry by the public?

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## Record and Determination of Land Use and Classification of Attributes Section D

### D8. Is the data available for enquiry by the public?

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Record and Determination of Land Use and Classification of Attributes Section D

D9. Does the classification system for land use identify the following:

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<th>Residential</th>
<th>Commercial/Office</th>
<th>Industrial</th>
<th>Agricultural</th>
<th>Other (please specify)</th>
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<td>(Institutional, Agricultural, Utility, Park etc)</td>
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<td>Institution; other agricultural uses; Public utility; Parks and recreational</td>
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### Record and Determination of Land Use and Classification of Attributes Section D

D9. Does the classification system for land use identify the following:

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20 classes according to timber volume and tree species

- ✓ Public use
- ✓ 12 categories
- ✓ Water

Non-built land: railways etc.

- ✓ traffic, mining, water, green
- ✓ Agricultural/Nonagricultural
<table>
<thead>
<tr>
<th>Country</th>
<th>Greece</th>
<th>Hungary</th>
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</table>

- ✓ water
- ✓ Conservation, roads, built territories, bogs, unused land, State land fund, water.
- ✓ classification of rural landscape, quarrying, major infrastructure, etc.
- ✓ wasteland, roads, railways, mineral uses (open mining, quarrying areas) drainage, ditches, orchards, grasslands, pastures, forested land, stagnant waters (lakes) flowing waters (rivers) undeveloped areas,
### Record and Determination of Land Use and Classification of Attributes Section D

D9. Does the classification system for land use identify the following:

<table>
<thead>
<tr>
<th>Country</th>
<th>Residential</th>
<th>Commercial/Office</th>
<th>Industrial</th>
<th>Agricultural</th>
<th>Other (please specify)</th>
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<td>greenery areas, various terrains, other areas for transport use (18 land uses categories are distinguished).</td>
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### Record and Determination of Land Use and Classification of Attributes Section D

D10. How is the maintenance of records of land use financed in your country?

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<th>By Government Funding %</th>
<th>By Fees For Services %</th>
<th>By Other Means (please specify) %</th>
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<td>– 60 (Actual)</td>
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<tr>
<td>Country</td>
<td>Fees for services returned to State Budget</td>
<td>95 (By Local Governments)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Cyprus</td>
<td>100</td>
<td>100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Czech Republic</td>
<td>100</td>
<td>100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Denmark</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Estonia</td>
<td>100</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Finland</td>
<td>100</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>France</td>
<td>100</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Germany</td>
<td>100</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Georgia</td>
<td>100</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Greece</td>
<td>100</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hungary</td>
<td>100</td>
<td>67</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Iceland</td>
<td>33</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Ireland</td>
<td></td>
<td>60</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Italy</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Latvia</td>
<td>40</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Liechtenstein</td>
<td>100</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lithuania</td>
<td>100</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Luxembourg</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FYRO Macedonia</td>
<td>100</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Malta</td>
<td>100</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Republic of Moldova</td>
<td>100</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Netherlands</td>
<td>100</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
D10. How is the maintenance of records of land use financed in your country?

<table>
<thead>
<tr>
<th>Country</th>
<th>By Government Funding</th>
<th>By Fees For Services</th>
<th>By Other Means (please specify)</th>
<th>Total 100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Norway</td>
<td>100</td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Poland</td>
<td>100</td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Portugal</td>
<td>100</td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Romania</td>
<td>100</td>
<td>100</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Russian Federation</td>
<td>100</td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>San Marino</td>
<td>100</td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Serbia</td>
<td>98</td>
<td>2</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Slovakia</td>
<td>100</td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Slovenia</td>
<td>100</td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Spain</td>
<td>100</td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Sweden</td>
<td>100</td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Switzerland</td>
<td>100</td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Turkey</td>
<td></td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>United Kingdom</td>
<td></td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>England &amp; Wales</td>
<td>(Information not available)</td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Northern Ireland</td>
<td></td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Scotland</td>
<td>90</td>
<td>10</td>
<td></td>
<td>100</td>
</tr>
</tbody>
</table>
### Record and Determination of Land Use and Classification of Attributes Section D

**D11. What was the total cost last year:**

<table>
<thead>
<tr>
<th>Country</th>
<th>The Maintenance of System of Land Use Classification</th>
<th>Investing in the Further Development of Land Use Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albania</td>
<td>Land use transactions are rare in the country consequentially the amounts are limited</td>
<td>These activities are anticipated in the further development of the Cadastre and the indication of the development in the sustainable land market</td>
</tr>
<tr>
<td>Armenia</td>
<td>Included in the costs of Cadastre</td>
<td>180 million Manat</td>
</tr>
<tr>
<td>Austria</td>
<td>133.6 million Manat</td>
<td>No information supplied</td>
</tr>
<tr>
<td>Azerbaijan</td>
<td>DEM 3.5 million</td>
<td>No information supplied</td>
</tr>
<tr>
<td>Belarus</td>
<td>No information supplied</td>
<td></td>
</tr>
<tr>
<td>Bosnia &amp; Herzegovina</td>
<td>No information supplied</td>
<td></td>
</tr>
<tr>
<td>Bulgaria</td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>Canada</td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>Alberta</td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>British Columbia</td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>Manitoba</td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>New Brunswick</td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td>No information supplied</td>
<td></td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>Not available</td>
<td>DEM 5 million</td>
</tr>
<tr>
<td>Croatia</td>
<td>DEM 3.5 million</td>
<td></td>
</tr>
<tr>
<td>Cyprus</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
D11. What was the total cost last year:

<table>
<thead>
<tr>
<th>Country</th>
<th>The Maintenance of System of Land Use Classification</th>
<th>Investing in the Further Development of Land Use Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Czech Republic</td>
<td>See Section B question 12</td>
<td>See Section B question 12</td>
</tr>
<tr>
<td>Denmark</td>
<td>200 mio DKR (34 mio US $)</td>
<td>0</td>
</tr>
<tr>
<td>Estonia</td>
<td>No information</td>
<td></td>
</tr>
<tr>
<td>Finland</td>
<td>€20,000</td>
<td>€10,000</td>
</tr>
<tr>
<td>France</td>
<td>Unknown</td>
<td>Unknown</td>
</tr>
<tr>
<td>Germany</td>
<td>Unknown</td>
<td>52 million HUF</td>
</tr>
<tr>
<td>Georgia</td>
<td>Costs are included in the overall Land Office operation costs.</td>
<td>100,000 LS(Lats)</td>
</tr>
<tr>
<td>Greece</td>
<td>Costs included in other activities</td>
<td></td>
</tr>
<tr>
<td>Hungary</td>
<td>Costs are included in the overall Land Office operation costs.</td>
<td></td>
</tr>
<tr>
<td>Iceland</td>
<td>No information supplied</td>
<td></td>
</tr>
<tr>
<td>Ireland</td>
<td>No information supplied</td>
<td></td>
</tr>
<tr>
<td>Italy</td>
<td>No information supplied</td>
<td></td>
</tr>
<tr>
<td>Latvia</td>
<td>Costs included in other activities</td>
<td></td>
</tr>
<tr>
<td>Liechtenstein</td>
<td>No information supplied</td>
<td></td>
</tr>
<tr>
<td>Lithuania</td>
<td>Data not available</td>
<td></td>
</tr>
<tr>
<td>Luxembourg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Country</td>
<td>Budget Amount</td>
<td>Notes</td>
</tr>
<tr>
<td>-------------------------</td>
<td>-----------------------------</td>
<td>------------------------------------------------</td>
</tr>
<tr>
<td>FYRO Macedonia</td>
<td>100,000 USD</td>
<td></td>
</tr>
<tr>
<td>Malta</td>
<td>£Stg. 100,000</td>
<td>10,000 USD</td>
</tr>
<tr>
<td>Republic of Moldova</td>
<td>USD 150,000</td>
<td></td>
</tr>
<tr>
<td>Netherlands</td>
<td>100 million Norway Kroner</td>
<td>10 million Norway Kroner (Approx)</td>
</tr>
<tr>
<td>Norway</td>
<td>USD 150,000</td>
<td>10 million Norway Kroner (Approx)</td>
</tr>
<tr>
<td>Poland</td>
<td>Lack of information</td>
<td></td>
</tr>
<tr>
<td>Portugal</td>
<td>Not supplied</td>
<td></td>
</tr>
<tr>
<td>Romania</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Russian Federation</td>
<td>Not supplied</td>
<td>Data not available</td>
</tr>
<tr>
<td>San Marino</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Serbia</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Slovakia</td>
<td>SK 380 million</td>
<td>SK 40 million</td>
</tr>
<tr>
<td>Slovenia</td>
<td>110,000 EUR</td>
<td>165,000 EUR</td>
</tr>
<tr>
<td>Spain</td>
<td>Cadastral Organisation</td>
<td>This is part of the assessment for property</td>
</tr>
<tr>
<td></td>
<td>Budget for 2004 is about</td>
<td>tax purposes.</td>
</tr>
<tr>
<td></td>
<td>120,202,421 EUR</td>
<td></td>
</tr>
<tr>
<td>Sweden</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Switzerland</td>
<td>Approx. 800,000 CHF</td>
<td>Approx. 300,000 CHF</td>
</tr>
<tr>
<td>Turkey</td>
<td></td>
<td></td>
</tr>
<tr>
<td>United Kingdom</td>
<td></td>
<td></td>
</tr>
<tr>
<td>England &amp; Wales</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Northern Ireland</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scotland</td>
<td>£300,000 including investment</td>
<td></td>
</tr>
</tbody>
</table>
D12. Please list the main regulations or legislation under which land use recording is administered in your country:

<table>
<thead>
<tr>
<th>Country</th>
<th>Main Regulations or Legislation Under Which Land Use Recording is Administered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albania</td>
<td></td>
</tr>
<tr>
<td>Austria</td>
<td>Land Use: National Surveying law and related regulations&lt;br&gt;Land Use Planning: Regional Planning laws</td>
</tr>
<tr>
<td>Azerbaijan</td>
<td>Resolution No 34, Article 24.01, 1992 and No 239, Article 31.07, 1991</td>
</tr>
<tr>
<td>Belarus</td>
<td>Land Code, Registration Law</td>
</tr>
<tr>
<td>Bosnia &amp; Herzegovina</td>
<td>Zakono Iskoristavanju Poljoprivrednog Zemljista, Zakon o Sunana, Zakon o Gradevinskom Zemljistu (Agricultural Land Use, Law about Forest, Law about land for Building)</td>
</tr>
<tr>
<td>Bulgaria</td>
<td></td>
</tr>
<tr>
<td>Canada</td>
<td></td>
</tr>
<tr>
<td>Alberta</td>
<td>The Municipal Government Act</td>
</tr>
<tr>
<td>British Columbia</td>
<td>Numerous</td>
</tr>
<tr>
<td>New Brunswick</td>
<td>Assessment Act</td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td>This is a joint responsibility of the Province and the Municipalities</td>
</tr>
<tr>
<td>Country</td>
<td>Law/Act</td>
</tr>
<tr>
<td>----------------</td>
<td>---------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>The Planning and Development Act, 1983&lt;br&gt;Urban Municipality Act&lt;br&gt;Rural Municipality Act&lt;br&gt;Northern Municipalities Act&lt;br&gt;Parks Act&lt;br&gt;Central Farm Land Regulations&lt;br&gt;Meewasin Valley Authority Act&lt;br&gt;Conservation Easements Act&lt;br&gt;Wakamow Valley Authority Act&lt;br&gt;Forest Resources Management Act&lt;br&gt;Wildlife Habitat Lands Disposition and Alteration Act&lt;br&gt;Water Corporation Act&lt;br&gt;Conservation and Development Act&lt;br&gt;Heritage Property Act&lt;br&gt;Land Titles Act, 2000&lt;br&gt;Various Municipal Zoning By Laws</td>
</tr>
<tr>
<td>Cyprus</td>
<td>Town Planning Law and Regulations</td>
</tr>
<tr>
<td>Denmark</td>
<td>The Law of Planning</td>
</tr>
<tr>
<td>Estonia</td>
<td>Regulations on classification of Land Use purposes</td>
</tr>
<tr>
<td>Finland</td>
<td>The Ministry of Agriculture and Forestry has given the task and needed money to the NLS.</td>
</tr>
</tbody>
</table>
### Country | Main Regulations or Legislation Under Which Land Use Recording is Administered
--- | ---
France | No information Supplied
Germany | Construction and Planning Act (Federal) ("Baugesetzbuch")
Greece | MDGG 166D/6.3.1987 Categories and Land Use content
| MDGG 639B/19.7.1995 Technical Specification for the National Cadastre
| Act No. LV of 1994 on Cultivable Land (Land Law)
| Government Decree No.184/1999(XII.13)Korm. on the detailed regulations of the registration of land use (by setting up and maintaining the Registry on Land Users at the Land Offices)
| Order 105/1999(XII.22) FVM on the detailed regulations of land classification
| Parliament’s Resolution No. 35/1998(III.20.)OGY(Parliament) on the National Regional Development Concept
Hungary | The Law of Registration and Valuation of Real Properties nr. 94/1976
Iceland | No information Supplied
Ireland | Regulations of National Real Estate Cadastre
Latvia | Regulations on real estate valuation
| Regulations on classification of Land Use purposes
Lithuania | Law on Real Property Cadastre
| Law on Land
| Regulations on the Real Property Cadastre
| Law on Territorial Planning
<table>
<thead>
<tr>
<th>Country</th>
<th>Law/Regulations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Luxembourg</td>
<td>Not supplied</td>
</tr>
<tr>
<td>FYRO Macedonia</td>
<td>Law for Land Surveying Cadastre and Real Estate Rights Inscription</td>
</tr>
<tr>
<td>Malta</td>
<td>National Development planning legislation.</td>
</tr>
<tr>
<td>Republic of Moldova</td>
<td>Law on Land Cadastre. Regulation on Content of Cadastral Documentation</td>
</tr>
<tr>
<td>Netherlands</td>
<td>No specific legislation. Task of a government research institute. EU directives.</td>
</tr>
<tr>
<td>Norway</td>
<td>No specific legislation. Land use only registered as an integrated part of the general mapping programme in scale 1:500, Mapping scale shall be 1:5000/1:10000</td>
</tr>
<tr>
<td></td>
<td>1. Ordinance of the Ministers of Physical Planning and Construction and Agriculture and Food Economy of 17 December 1996 in the matter of Land and Building Registry</td>
</tr>
<tr>
<td></td>
<td>2. Ordinance of the Council of Ministers from June 9, 1956 in the matter of land classification.</td>
</tr>
<tr>
<td>Poland</td>
<td>Not supplied</td>
</tr>
<tr>
<td>Portugal</td>
<td>Not supplied</td>
</tr>
<tr>
<td>Russian Federation</td>
<td>Not supplied</td>
</tr>
<tr>
<td>San Marino</td>
<td>Decree n.30 of 27th November, 1952 and Decree n.31 of 24th August, 1953</td>
</tr>
<tr>
<td>Serbia</td>
<td>Zakon o drzavnom premeru i katastru i upisima prava na nepokretnostima (Law on State Land Survey, Cadastre and Registration of Real Estate Rights)</td>
</tr>
<tr>
<td></td>
<td>Pravilnik o osnovi za bonitiranje i merilima za rasporedjivanje zemljista u bonitetne klase i podklase (Regulation for Solvency Basis and Criterions for Land Allocation in Solvency Class and Subclass)</td>
</tr>
<tr>
<td></td>
<td>Instrukcije za katastarsko klasiranje i bonitiranje zemljista (Instructions for Cadastral Land Classification and Solvency Identification)</td>
</tr>
<tr>
<td></td>
<td>Zakon o opstem upravnom postupku (Law on Basic Administrative Procedure)</td>
</tr>
<tr>
<td></td>
<td>Zakon o poljoprivrednom zemljistu (Law on Agricultural Land)</td>
</tr>
<tr>
<td></td>
<td>Pravilnik o izradi i odrzavanju katastra nepokretnosti (Regulation for Establishment and Maintaining of Real Estate Cadastre)</td>
</tr>
<tr>
<td></td>
<td>Instrukcije za odrzavanje katastra zemljista (Instructions for Maintaining of Real Estate Cadastre)</td>
</tr>
<tr>
<td></td>
<td>Uredba o nacinu cuvanja, koriscenja i razgledanja podataka premera, katastra zemljista, katastra nepokretnosti i vodova (Bylaw for Storage, Usage and Inspection of Surveying Data, Land Cadastre, Real Estate Cadastre and Infrastructures)</td>
</tr>
<tr>
<td>Slovenia</td>
<td>Law on Agriculture (Official Gazzette of the Republic of Slovenia No. 54/2000)</td>
</tr>
</tbody>
</table>
D12. Please list the main regulations or legislation under which land use recording is administered in your country:

<table>
<thead>
<tr>
<th>Country</th>
<th>Main Regulations or Legislation Under Which Land Use Recording is Administered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spain</td>
<td>Administration Ley del suelo y ordenación urbana; Ley 6/1998 del suelo y valoraciones; and 17 regional laws on urban planning Cadastral: real Decreto Legislativo 1/2004, de 5 marzo, por el que se aprueba la Ley del Catastro Inmobiliario</td>
</tr>
<tr>
<td>Sweden</td>
<td>Fastighetstaxeringslagen (Property Tax Act) and, to a lesser extent, Plan och bygglagen (plan and building Act).</td>
</tr>
<tr>
<td>Switzerland</td>
<td>Decision of the Federal Council (February 1982)</td>
</tr>
<tr>
<td></td>
<td>Federal Statistical Law of August 1993</td>
</tr>
<tr>
<td></td>
<td>Ordnance of the statistical surveys accompanying above laws</td>
</tr>
<tr>
<td>Turkey</td>
<td>Not supplied</td>
</tr>
<tr>
<td>England &amp; Wales</td>
<td>There are none which cover all land uses. The Agricultural Census is collected under the Agricultural Statistics Act 1979 (amended 1984)</td>
</tr>
<tr>
<td>Northern Ireland</td>
<td></td>
</tr>
<tr>
<td>Scotland</td>
<td>Land Cover of Scotland (LCS88)</td>
</tr>
<tr>
<td></td>
<td>None related to general land use. The UK Forestry Commission are required to conduct a census of woodland, approximately every 15 years. This is being changed into a rolling programme of inventory. Agricultural land is recorded in two ways:</td>
</tr>
<tr>
<td></td>
<td>1. IACS (Integrated Agricultural Control System) which is a monitoring required of agricultural land, the results of which are confidential.</td>
</tr>
<tr>
<td></td>
<td>2. Agricultural Census and Statistics – a six monthly statistical survey of farms to provide economic data and some information on land areas under crops and grazing land.</td>
</tr>
</tbody>
</table>
Inventory of Land Administration Systems in Europe and North America

Fourth Edition

Produced and published by HM Land Registry, London on behalf of the UN ECE Working Party on Land Administration

July 2005