

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

Land
Registry



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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

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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

UNECE WORKING PARTY ON LAND ADMINISTRATION - OFFICIALS

Chairperson	Vice-Chairperson	Secretary
Bengt Kjellson Director Lantmateriet Se 801-82 Gavle SWEDEN	Alexey Overchuk Deputy Chief Federal Agency for Immovable Property Cadastre Moscow Prospect Vernadsgko 37-2 RUSSIAN FEDERATION	Guennadi Vinogradov UN Secretariat Committee on Human Settlements United Nations Palais des Nations 8-14 Avenue de la Paix 1211 Geneva 10 SWITZERLAND
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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:		
<i>England and Wales*</i>	<i>Northern Ireland</i>	<i>Scotland*</i>
Canada: <i>the Provinces of:</i>		
<i>Alberta*</i>	<i>British Columbia*</i>	<i>Manitoba*</i>
<i>New Brunswick*</i>	<i>Ontario*</i>	<i>Prince Edward Island</i>
<i>Saskatchewan*</i>		

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

Former Yugoslav Republic of Macedonia

Summary of Responses

Section B

Land and Title Registration

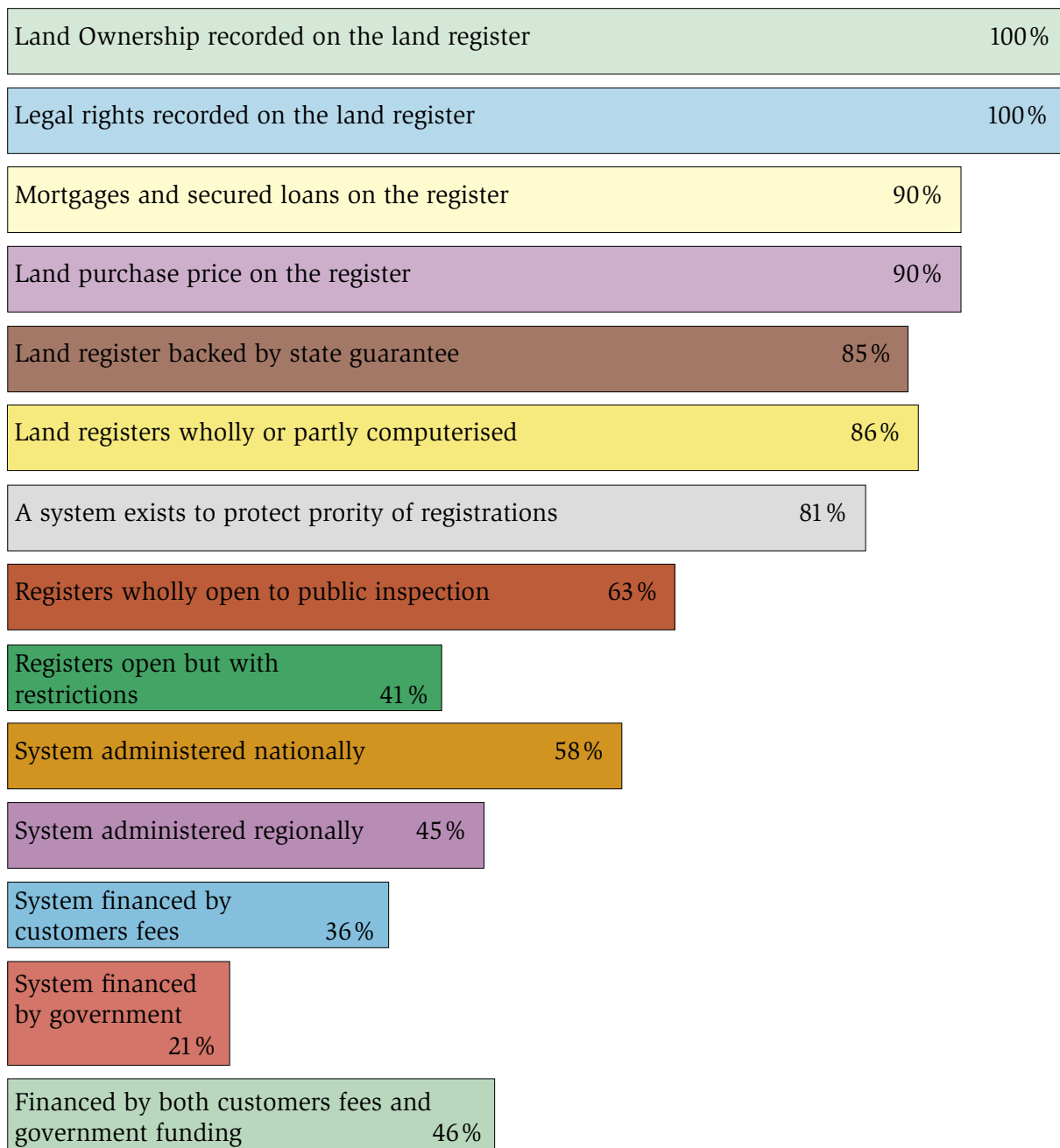
Land registration systems operate throughout the world as the legal basis of recording, with certainty, the ownership and other legal rights in and over land. Such systems provide the machinery for confident property transfer, the operation of a secure mortgage market and protections for the citizen. 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)



Summary of Responses

Section C

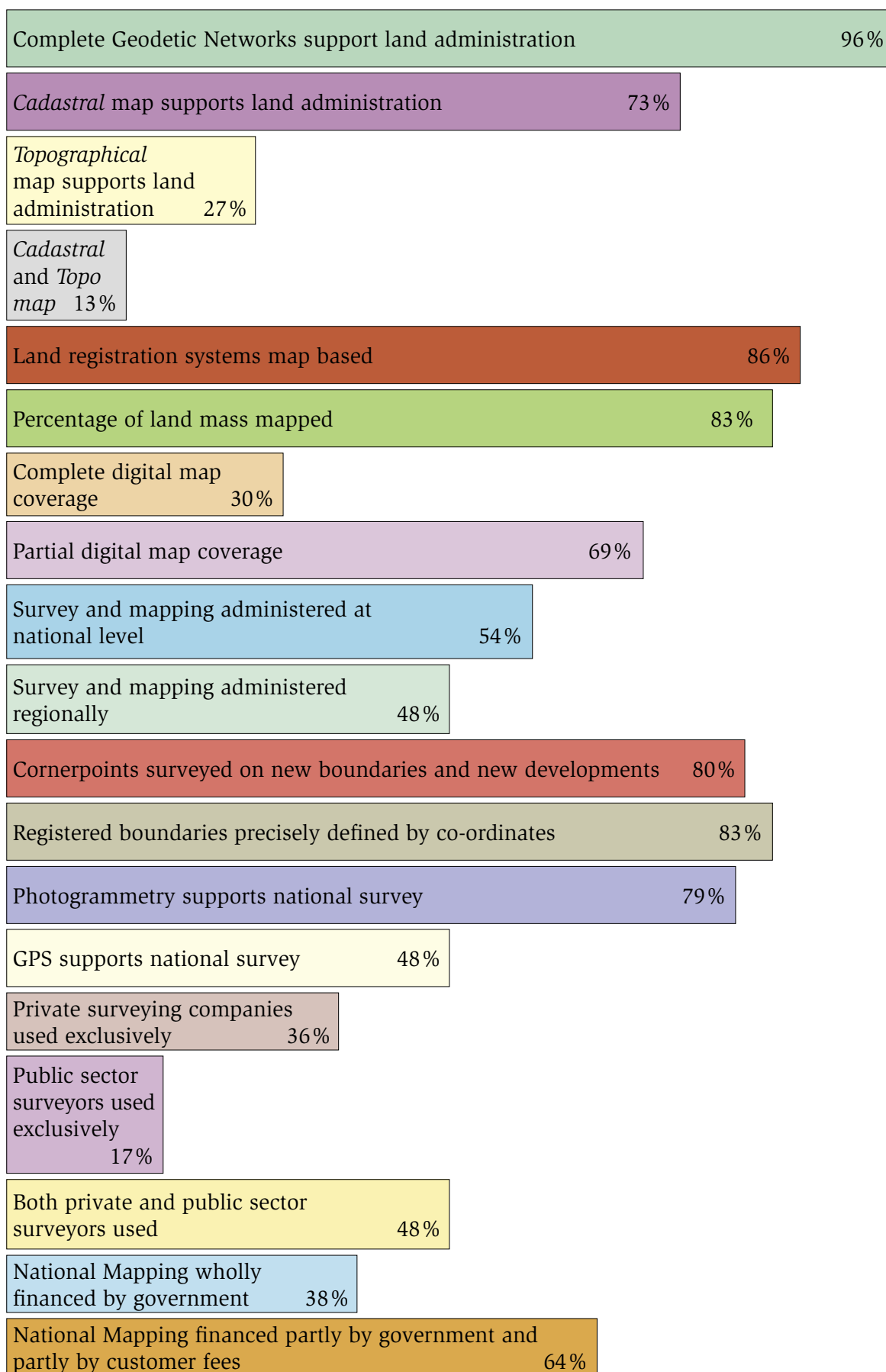
Cadastral and Topographical Mapping Systems

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)



Summary of Responses

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

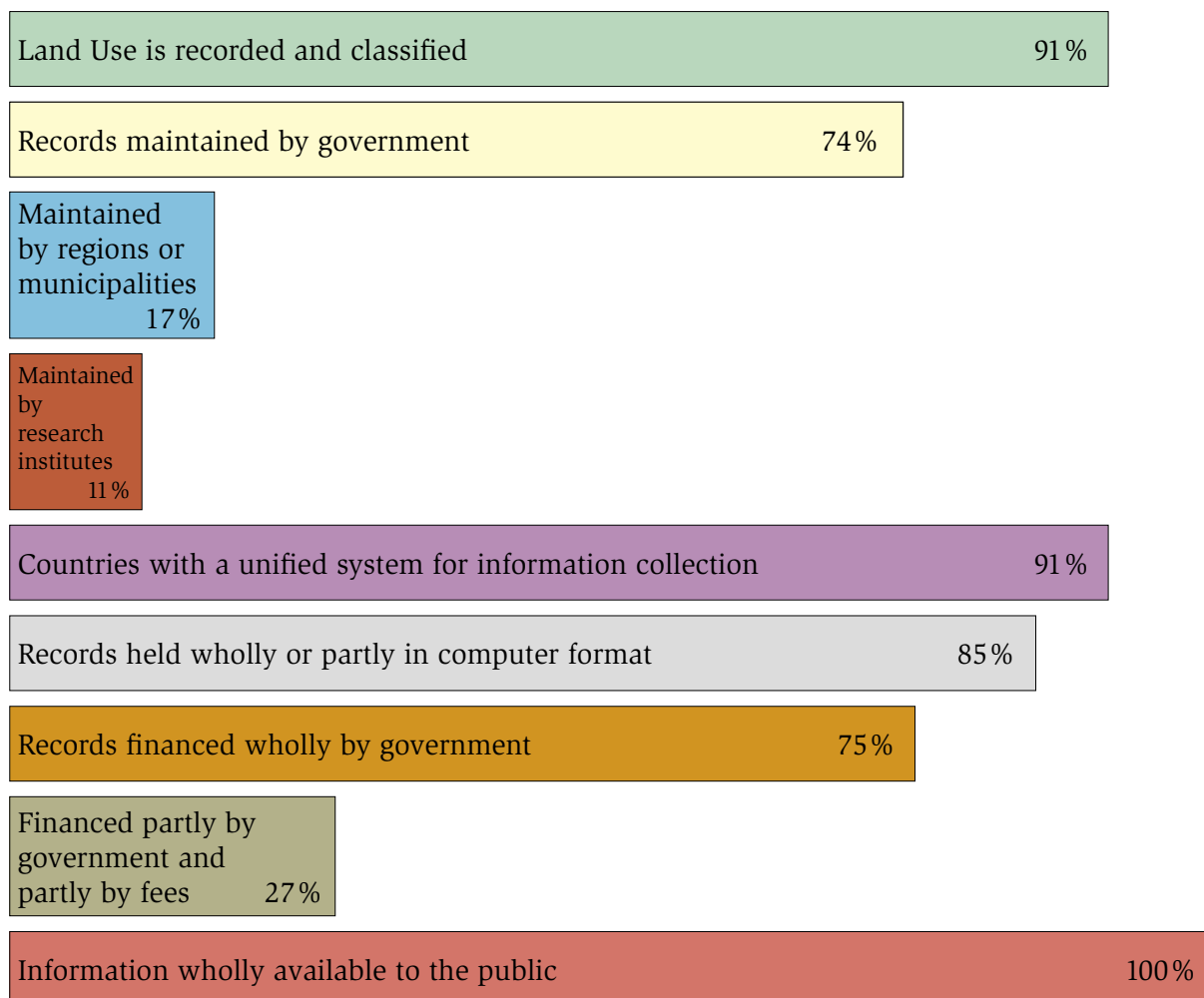
The following land use classifications are used:

- 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)



Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Albania	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	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			
Internet Home Page Address	nmprpp.gov.al		
Contact Name			
Ministry responsible	Council of Ministers	Ministry of Agriculture and Food, Central Office of Immovable Property Registration	

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Armenia	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 State Committee of the Real Property Cadastral of the Government 7 Arshakunjats Street Yerevan	As for Land Title Registration	As for Land Title Registration
Telephone Number	(3741) 587828		
Fax Number	(3741) 526562		
E Mail Address	unicad@arminco.com		
Internet Home Page Address	http://www.cadastral.am/		
Contact Name	Hayk Sahakyan		
Ministry responsible	The State Committee of the Real Property Committee of the Government		

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Austria	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	Ministry of Justice Neustiftgasse 2 A – 1070 Vienna	Federal Office for Metrology and Surveying (BEV)* Schiffamtsgasse 1-3 A-1025 Vienna	BEV* = Austrian Cadastre
Telephone Number	+ 43/1/52152-2275	+ 43/1/21176-4700	Land Use: BEV Land use data are maintained within the National Candastre updated by aerial images and terrestrial methods
Fax Number	+ 43/1/52152-2727	+ 43/1/21176-4701	
E Mail Address	guenter.auer:bmj.gv.at	geomugg@gmx.at	Land Use Planning: Physical planning, Urban Planning done by municipalities (communities)
Internet Home Page Address	www.bmj.gv.at	http://www.bev.gv.at/	
Contact Name	Dr Guenter AUER Sektion I/4 Grundbuch	Dipl-Ing Gerhard Muggenhuber International Affairs of BEV	
Ministry responsible	Ministry of Justice	Ministry of Economic Affairs and Labour	

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Azerbaijan	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 National Land Committee (NLC) of the Republic of Azerbaijan, Baku	NLC and National Institute for Land Use (“Azgipromzem”), Baku, A Alekperov St., 93a	NLC and National Institute for Land Use (“Azgipromzem”), Baku, A Alekperov St., 93a
Telephone Number	322935, 322159, 322965	322965, 323440	322965, 323440
Fax Number			
E Mail Address			
Internet Home Page Address			
Contact Name	NLC	NLC and Azgipromzem	NLC and Azgipromzem
Ministry responsible	NLC	NLC	NLC

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Belarus	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	National Cadastre Agency (Registration of Immovable Property, rights of ownership, mortgages)	National Cadastre Agency	National Cadastre Agency
Telephone Number	375 + 017 2853926		
Fax Number	375 + 017 2853926		
E Mail Address	nca@nca.by		
Internet Home Page Address	www.nca.by		
Contact Name	Sergei Shavrov, Director		
Ministry responsible	State Committee for Land Recourse, Geodesy and Cartography Subordinated to the Government		

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

	Bosnia & Herzegovina		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	
	Name	Address	Telephone Number	Fax Number	E Mail Address	Internet Home Page Address	Contact Name	Ministry responsible
	Federation of Bosnia and Herzegovina Ministry of Justice If exist Kadastral with registration owner's then Federal Geodesy and Property-Judicial Office	Sarajevo, Valtera Perica 15	+ 387 33 666 971	+ 387 33 666 971		www.vladafbih.gov.ba	Barisa Colak	Ministry of Justice
	Republic Serbs Ministry of Justice If exist kadastral with registration owner's the Administration for Geodetic and Real Property Affairs	Banja Luka, U1. Vuka Karadzica 4	+ 387 51 218 835	+ 387 51 218 847			Biljana Maric	Ministry of Justice
	Federation of Bosnia and Herzegovina Federal Geodesy and Property - Judicial Office	Sarjevo, U1. Reisa Dz. Causevica 6	+ 387 33 264 450	+ 387 33 471 469	fgu@bih.net.ba		Ivan Lesko	
	Republic Serbs Republic Administration for Geodetic and Real Property Affairs	Banha Luka, U1. Pete Kozarske brigade 18	+ 387 51 304 952	+ 387 51 304 952	rgubl@bn.rstel.net		Andjeljko Gaco	
	Federation of Bosnia and Herzegovina Federal Ministry of Physical, Planning and Evironment	Sarajevo, M. Tita 9a	+ 387 33 473 124		Fmokolis@bih.net.ba		Ramiz Mehmedagic	Federal Ministry of Physical, Planning and Evironment
	Republic Serbs Ministarstvo za urbanizam stambeno komunalne djelatnotsi, gradjevinarstvo i ekonomiju	Banja Luka, Trg srpskih junaka 4	+ 387 51 215 511	+ 387 51 215 551			Nedjo Djuric	Ministarstvo za urbanizam stambeno komunalne djelatnotsi, gradjevinarstvo i ekonomiju

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Bulgaria	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	Ministry of Justice and Legal European Integration	Cadastral Agency 1 Moussala Street BG - 1618 Sofia	Ministry of Agriculture, Forest and Agrarian Reform, Ministry of Regional Development and Public Works
Telephone Number		+ 359 2 987 6260	
Fax Number		+ 359 2 987 2517	
E Mail Address			
Internet Home Page Address			
Contact Name		Tzveten Boev MSc.	
Ministry responsible		Ministry of Regional Development and Public Works	

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Canada Alberta	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	Land Titles and Surveys Alberta Government Services Box 2023 Edmonton ALBERTA Canada T5J 4W7	Director of Surveys 15 th Floor, Oxbridge Plc 9820-106 Street Edmonton Alberta Canada T5K 2JK	Local Municipalities are responsible for the establishment and control of land use
Telephone Number	403 427 5166	(780) 422 002	
Fax Number	403 422 3105	(780) 422 1493	
E Mail Address	rae.runge@gov.ab.ca	mike.michaud@gov.ab.ca	
Internet Home Page Address	http://www2.gov.ab.ca/gs		
Contact Name	Rae Runge, Executive Director, Land Titles and Surveys	Mike Michaud, Director of Surveys	
Ministry responsible	Alberta Government Services	Alberta Sustainable Resource Development	

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Canada British Columbia		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	Land Title branch 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.	
Telephone Number	(250) 952 - 5852	250 952 5335		
Fax Number	(250) 952 - 5857	250 387 1830		
E Mail Address	LTOHQ@gems4.gov.bc.ca	GRoberts@CLR5.env.gov.bc.ca		
Internet Home Page Address	http://srmwww.gov.bc.ca/landtitle/	http://www.bconline.gov.bc.		
Contact Name	Darcy Hammett	Greg Roberts Director		
Ministry responsible	Ministry of Sustainable Resource Management	Ministry of Environment Lands and Parks.		

Organisation and Government Responsibility

Section A

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	Land Use
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

Section A

Name and Address of responsible organisation(s):

Canada <i>New Brunswick</i>	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	Service New Brunswick P O Box 1998, Fredericton New Brunswick Canada E3B 5G4		
Telephone Number	15 06 453 2113		
Fax Number	15 06 453 3898		
E Mail Address	edgar.quinton@snb.ca		
Internet Home Page Address	www.snb.ca		
Contact Name	Edgar Quinton Manager, Real Property Registry		
Ministry responsible	Service New Brunswick		

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

	Canada Ontario	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	Ministry of Consumer and Business Services Registration Division Title and Survey Services Section		No separate organisation	Administration by individual local municipalities
Telephone Number	416 314 4880			
Fax Number	416 314 4878			
E Mail Address	kate.murray@cbs.gov.on.ca			
Internet Home Page Address	www.cbs.gov.on.ca			
Contact Name	Kate Murray			
Ministry responsible	Ministry of Consumer and Business Services			

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Canada Prince Edward Island		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	Taxation and Property Records Division P.O. Box 2,000 Charlottetown Prince Edward Island CANADA C1A 3A7	Serge Barnard Principal Land Surveyor Department of Transportation and Public Works	Department of Community Affairs and Attorney General Provincial Planning Branch	
Telephone Number	902 368 5137	416 314 4880	368 4871	
Fax Number	902 368 6164	416 314 4878	368 5526	
E Mail Address	RFKENNY@GOV.PE.CA	kate.murray@cbs.gov.on.ca		
Internet Home Page Address		www.ccr.gov.on.ca		
Contact Name	Robert Kenny	Kate Murray	Kingsey Lewis	
Ministry responsible	Department of the Provincial Treasury Court of PEI	Ministry of Consumer and Business Services Registration Division Title and Survey Services Section	Department of Community Affairs and Attorney General	

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Canada Saskatchewan	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	Registrar of Titles ISC 3rd Floor, 10 Research Drive Regina, Sask S4P 3V7	Controller of Surveys 3rd Floor, 10 Research Drive Regina, Sask S4P 3V7	Various Agencies in Saskatchewan Department of Government Relations, Community Planning Department of Environment, Department of Agriculture, Food and Revitalization Local Governments
Telephone Number	306-787-1687	(306) 787 4882	
Fax Number	306-798-0214	(306) 798 0214	
E Mail Address	catherine.benning@isc.ca	ed.desnoyers@isc.ca	
Internet Home Page Address			
Contact Name	Catherine Benning	Ed Desnoyers	
Ministry responsible	Department of Justice and Information Services Corporation of Saskatchewan	Department of Justice and Information Services Corporation of Saskatchewan	

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

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

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Cyprus	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	Department of Lands and Surveys 29 Michalacopoulou Street 1075 Nicosia CYPRUS	Department of Lands and Surveys 29 Michalacopoulou Street 1075 Nicosia CYPRUS	Town Planning and Housing Department. Demostheni Severi Av. T.K. 1454 – Nicosia CYPRUS
Telephone Number	00357 2 804900	00357 2 804900	00357 2 302363
Fax Number	00357 2 804881	00357 2 804881	00357 2 367570
E Mail Address			
Internet Home Page Address			
Contact Name	Andreas Christodoulou Director	Andreas Christodoulou Director	Giannos Papadopoulos Director
Ministry responsible	Ministry of Interior	Ministry of Interior	Ministry of Interior

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Czech Republic	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	Czech Office for Surveying, Mapping and Cadastré CZ-111 21 PRAHA 1 Hybernska 2 Czech Republic	As for Land Registration	As for Land Registration
Telephone Number	+ 420 2 216 14252 + 420 2 267 054		
Fax Number	+ 420 2 242 17383		
E Mail Address	vit.suchanek@cuzk.cz		
Internet Home Page Address	http://gama.fsv.cvut.cz/cuzk		
Contact Name	Mr Vit Suchanek		
Ministry responsible			

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Denmark	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Valuation of Land	Land Use
Address	Department of Courts Sa Kongensgade 1-3 DK - 1264 Copenhagen K	National Survey and Cadastre Denmark Rentemestervej 8 DK - 2400 Copenhagen NV	Central Customs and Tax Administration Oestbanegade 123 DK - 2100 Copenhagen	Spatial Planning Department Hojbro Plads 4 DK - 1200 Copenhagen K
Telephone Number	+ 70 10 33 22	+ 35 87 57 60	+ 35 29 73 00	+ 33 92 76 00
Fax Number	+ 70 10 44 55	+ 35 87 50 64	+ 35 43 47 20	+ 33 32 22 27
E Mail Address		lb @ kms.min.dk.		
Internet Home Page Address				
Contact Name	Helle B. Sørensen	Lars Buhl	Anders Muller	Niels Ostergaard
Ministry responsible	Ministry of Justice	Ministry of Housing	Ministry of Taxation	Ministry of Environment and Energy

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Estonia	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 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	+ 372 6650 600	+ 372 7 371 200
Fax Number	+ 372 6208 109	+ 372 6650 604	+ 372 7 371 201
E Mail Address	viljar.peep@just.ee	Urmes.Mannama@maaamet.ee	pria@pria.ee
Internet Home Page Address	www.just.ee	www.maaamet.ee	www.pria.ee/pria/
Contact Name	Viljar Peep	Mr Urmes Männama Vice Director General	
Ministry responsible	Ministry of Justice	Ministry of Environment	Ministry of Agriculture

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Finland	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	Ministry of Justice Bureau of Information Technology Hallitusk, 10 FIN - 13111 HAMEENLINNA	National Land Survey of Finland PO Box 84 FIN - 00521 HELSINKI	National Land Survey of Finland PO Box 84 SF - 00521 HELSINKI Finland
Telephone Number	+ 358 3 62231	+ 358 20541 121	+ 358 20541 121
Fax Number	+ 358 3 622 3698	+ 358 20541 5005	+ 358 20541 5595
E Mail Address	martti.raiskinmaki@om.fi	matti.vahala@nls.fi	aaro.mikkola@nls.fi
Internet Home Page Address	http://www.om.fi	http://www.nls.fi	http://www.nls.fi
Contact Name	Martti Raiskinmäki	Matti Vahala	Aaro Mikkola
Ministry responsible	Ministry of Justice	The Ministry of Agriculture and Forestry	The Ministry of Agriculture and Forestry

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

France	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		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	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
Telephone Number		53 18 95 05	53 18 95 05
Fax Number			
E Mail Address			
Internet Home Page Address			
Contact Name			
Ministry responsible			

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

The 'International Analysis of Land Registration' compiled by H M Land Registry and published in January 1996 contains information on the Register of Deeds.

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Germany	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	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	GeschaeftsstelleDerAdV@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	a) Ministries of Housing and Building b) Ministries of Agriculture and Forestry

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Georgia	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	State Department of Land Management of Georgia	State Department of Land Management of Georgia	State Department of Land Management of Georgia
Telephone Number	+ 995 32 32 38 05		
Fax Number	+ 995 32 94 07 59		
E Mail Address	sdlm@imp.org.ge		
Internet Home Page Address	N/A		
Contact Name	Mr. David Egiashvili		
Ministry responsible	N/A		

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Greece	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	Athens Registry Office Aristotelous 175 Kefalinias Str Athens Greece	Hellenic Mapping and Cadastre Organisation (HEMCO) 11-13 T. Vassou St. GR-11521 Athens	
Telephone Number	+ 30-210-8640099	+ 3016446776	
Fax Number	+ 30-210-8640899	+ 3016447039	
E Mail Address			
Internet Home Page Address			
Contact Name	Paulo Theodoras Director – Registrar	C. Goulas President of HEMCO President of KTHMATOLOGIO SA	
Ministry responsible	Ministry of Environment, Physical Planning and Public Works Ministry of Justice	Ministry of Finance, Department of Capital Taxation	

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Hungary	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	Department of Lands and Mapping, Ministry of Agriculture and Regional Development H-1860 Budapest 55 P O Box 1	Mapping Service of the Hungarian Home Defence Services H-1525 Budapest 114 P O Box 37	Department of Lands and Mapping, Ministry of Agriculture and Regional Development H-1860 Budapest 55 P O Box 1
Telephone Number	+ 36 1 301 4151	+ 36 1 212 2744	+ 36 1 301 4151
Fax Number	+ 36 1 301 4719	+ 36 1 212 2756	+ 36 1 301 4819
E Mail Address	geza.koszegi@fvm.hu	kadar.istvan@mhtehi.gov.hu	zsolt.szabo@fvm.hu
Internet Home Page Address	www.fvm.hu	http://www.mhteh.gov.hu	www.fvm.hu
Contact Name	Dr Geza Koszegi Head of Department	Mr Istvan Kadar Lt. Col Acting Chief	Mr Szabo Zsolt Head of Department
Ministry responsible	Ministry of Agriculture	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)	Ministry of Agriculture

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Iceland	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	Fasteignamat ríkisins Borgartúni 21 IS-105 Reykjavík Iceland	Landmaelingar Islands Laugavegi 178 PO Box 5060 IS-125 Reykjavík Iceland	Fasteignamat ríkisins Borgartúni 21 IS-105 Reykjavík Iceland
Telephone Number	+ 354 561 4211	+ 354 533 40000	
Fax Number	+ 354 561 4636	+ 354 533 4010	
E Mail Address	haukur@fmr.is	agust@lmi.is	
Internet Home Page Address	http://www.fmr.is	http://www.lmi.is	
Contact Name	Haukur Ingibergsson	Agúst Guomundsson	
Ministry responsible	Ministry of Finance (Ministry of Taxes and Duties)	Ministry of Environment	

- 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

Name and Address of responsible organisation(s):

Ireland	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	Land Registry/Registry of Deeds Chancery Street DUBLIN 7 Ireland	Ordnance Survey Ireland Phoenix Park Dublin 8	Department of Environment, Heritage and Local Government Custom House Dublin 1
Telephone Number	00 353 1 6707500	00 353 1 8025300	00 353 1 8882000
Fax Number	00 353 1 8722692	00 353 1 8204156	00 353 18882888
E Mail Address	michael.treacy@landregistry.ie		
Internet Home Page Address	http://www.landregistry.ie	www.osi.ie	www.environ.ie
Contact Name	Michael Treacy		
Ministry responsible	The Minister for Justice, Equality and Law Reform	Minister for Finance	Department of Environment, Heritage and Local Government

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):

Italy	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	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

Section A

Name and Address of responsible organisation(s):

Latvia	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	Department of LandBook Marsta, Iu 19 Riga LV 1050	State Land Service of the Republic of Latvia 11 Novembra Krastmalz 31 Riga LV 1484	State Land Service of the Republic of Latvia 11 Novembra Krastmala 31 Riga LV 1484
Telephone Number	+ 371 7224 847, + 371 777 0888	+ 371 703 8628	+ 371 7212 320
Fax Number	+ 371 722 1628		
E Mail Address	inese@zemgram.lv, edvins@zemgram.lv	edvins.kapostins@vzd.gov.lv	edvins.kapostins@vzd.gov.lv
Internet Home Page Address	www.zemesgramata.lv	www.vzd.gov.lv	www.vzd.gov.lv
Contact Name	Inese Kalnina, Edvins Balsevics	Edvins Kapostins	Edvins Kapostins
Ministry responsible	Ministry of Justice	Ministry of Justice	Ministry of Justice

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Liechtenstein	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	Grundbuchamt und Öffentlichkeitsregistra mt der Fürstentums Liechtenstein Aeulestrasse 70 FL-9490 Vaduz	Tiefbauamt des Fürstentums Liechtenstein Postgebäude FL-9490 Vaduz	Amt für Volkswirtschaft Gerberweg 5 FL 9490 Vaduz
Telephone Number	00423 236 6200	00423 236 68 40	00423 236 68 71
Fax Number	00423 236 62 19	00423 236 60 79	00423 236 68 89
E Mail Address	Edmund.Freischer@gba.llv.li		
Internet Home Page Address			
Contact Name	Edmund Freischer		Christian Brunhart
Ministry responsible	Ministry for Justice	Ministry for Public Construction	Ministry for National Economy

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Lithuania	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	State Enterprise Centre of Registers, V Kudirkos str. 18, LT 03105 Vilnius-9, LITHUANIA	National Land Service (NLS) Gedimino av. 19, LT 01103, Vilnius LITHUANIA	Counties' Governors Administrations (10) and Municipalities (60)
Telephone Number	+ 370 5 2688202	State Enterprise Centre of Registers (SECR) V. Kudirkos str. 18, LT 03105 Vilnius-9 LITHUANIA + 370 5 2391 307 (NLS); + 370 5 2688 202 (SECR)	
Fax Number	+ 370 5 2688311	+ 370 5 2391 331 (NLS) + 370 5 2688 311 (SECR)	
E Mail Address	info@kada.lt	nzt@nzt.lt (NLS) info@kada.lt (SECR)	
Internet Home Page Address	www.kada.lt	www.nzt.lt(NLS) www.kada.lt(SECR)	
Contact Name	Romualdas Kasperavicius Ministry of Justice	Rimantas Ramanauskas Ministry of Agriculture and Ministry of Justice	

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Luxembourg	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	Administration du Cadastre et de la Topographie 54, Avenue Gaston Diderich, Boîte Postale 1761 L-1017 LUXEMBOURG	Administration du Cadastre et de la Topographie 54, Avenue Gaston Diderich, Boîte Postale 1761 L-1017 LUXEMBOURG	Ministère de l'Aménagement du Territoire 18 Montée de la Pétrusse L-2946 LUXEMBOURG
Telephone Number	+ 44901 - 1	+ 44901 - 1	+ 478-6915
Fax Number	+ 44901 - 333	+ 44901 - 333	+ 40 89 70
E Mail Address			patrick.grivet@life.lu
Internet Home Page Address			
Contact Name	M. André Peffer	M. André Peffer	Madame Maryse Scholtes, Conseiller de Gouvernement 1ère classe
Ministry responsible	Ministère du Budget	Ministère du Budget	Ministère de l'Aménagement du Territoire

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

FYRO Macedonia	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	State Authority for Geodetic Works	As for Land Registration	As for Land Registration
Telephone Number	389 91 17 16 65		
Fax Number	389 91 17 16 68		
E Mail Address	rgu@rgu.gov.mk		
Internet Home Page Address	www.rgu.gov.mk		
Contact Name	Zoran Cvetanovski		
Ministry responsible			

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Malta	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 Land and Public Registry Division 116, Casa Bolino, West Street Valletta, CMR 02 Malta	Mapping Unit, Planning Authority P.O. Box 200 Valletta, Malta	
Telephone Number	+ 356 212 47568	+ 356 240276	
Fax Number	+ 356 212 49941	+ 356 224846	
E Mail Address	charles.a.micallef@gov.mt		
Internet Home Page Address	www.mjha.gov.mt		
Contact Name	Charles A. Micallef	Matthew Gatt	
Ministry responsible	Ministry for Justice and Home Affairs	Ministry for Justice and Home Affairs	

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Republic of Moldova	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	National Agency for Geodesy Cartography and Cadastre	As for Land Registration	As for Land Registration
Telephone Number	+ 3732 21 22 44		
Fax Number	+ 3732 22 63 73		
E Mail Address	ilisuma@cni.md		
Internet Home Page Address			
Contact Name			
Ministry responsible			

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Netherlands	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	Cadastre, Land Registry and Mapping Agency Hofstraat 110 7311 KZ Apeldoorn	Same as Land Registration	Alterra P.O. Box 125 6700 AC Wageningen
Telephone Number	+ 31 55 5285 695		+ 31 317474200
Fax Number	+ 31 55 3557 362		+ 31 317424812
E Mail Address	paul.vandermolen@kadaster.nl		postkamer@sc.dlo.nl
Internet Home Page Address	www.kadaster.nl		
Contact Name	Prof. Ir P van der Molen		Prof. dr. A. K. Bregt
Ministry responsible	Housing, Physical Planning and Environment		Ministry of Agriculture

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Norway	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	Statens kartverk (Norwegian Mapping and Cadastre Authority) P O Box 8005 Dep N-0030 Oslo Norway	Statens Kartverk N-3500 Honefoss Norway	Norsk Institue for jord - og Skogkartlegging N-1430 Aas Norway
Telephone Number	+ 47 32118100	+ 47321 18100	+ 4764 94 9700
Fax Number	+ 47 32118101	+ 47 32118511	+ 4764 94 9786
E Mail Address	firmapost@statkart.no	firmapost@statkart.no	nijos@nijos.no
Internet Home Page Address	www.statkart.no	www.statkart.no	www.nijos.no
Contact Name	Anne Cathrine Frøstrup	Helge Onsrud	Geir Harald Strand
Ministry responsible	Ministry of Justice	Ministry of Environment	Ministry of Agriculture

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

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

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Poland (continued)	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
Contact Name	Dr Jerzy Kielbowicz – Vice Director Ministry of Justice Al. Vjazdowskie 11 00-950 Warszawa	Mr Konrad Pirwitz M.Sc.Eng - Director Head Office of Geodesy and Cartography	Mr Konrad Pirwitz M.Sc.Eng - Director Head Office of Geodesy and Cartography
Ministry responsible	Ministry of Justice	Head Office of Geodesy and Cartography ul Wspólna 2; 00-926 Warszawa	Head Office of Geodesy and Cartography ul Wspólna 2; 00-926 Warszawa

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Portugal	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	Director Geral dos Registos e Notariado	IGP-Instituto Geográfico Português Rua Artilharia Um, 107 1070 LISBOA	
Telephone Number	+ 351 217 985 500	+ 351 21 381 96 00	
Fax Number	+ 351 217 951 350	+ 351 21 381 96 93	
E Mail Address	dgrn@dgrn.mj.pt	igeo@igeo.pt	
Internet Home Page Address	http://www.dgrn.mj.pt	http://www.igeo.pt	
Contact Name	Director Geral dos Registos e Notariado (Santana Vidigal)	Presidente of IGP Arménio dos Santos Castanheira (also Rui Pedro Julião)	
Ministry responsible	Ministry of Justice	Ministry of Environment and Land Administration	

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Romania	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	Agentia Nationala pentru Cadastru si Publicitate Imobiliara National Agency for Cadastre and Land Registration 202A Splaiul Independentei, sector 6 Bucharest Romania		Ministry of Agriculture, Forests and Rural Development - MAFRD 24 Boulv. Carol I, Bucuresti, sector 3
Telephone Number	+ (40) (21) 310 01 90		+ (40) (21) 307 85 54
Fax Number	+ (40) (21) 222 52 24		+ (40) (21) 307 85 54
E Mail Address	dieri@ancpi.ro		comunicare@maa.ro
Internet Home Page Address	http://www.adn.ro/~ancpi/		http://maa.ro
Contact Name	Adriana Padureanu Director European Integration and International Relations		Roxana Zarma General Director-European Integration
Ministry responsible	Ministry of Administration and Interior National Agency for Cadastre and Land Registration is responsible for: • Land Title Registration • National Topographic and Cadastral Survey		Ministry of Agriculture, Forests and Rural Development 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.

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Russian Federation	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	Federal Land Cadastre Service of Russia Miasnickaya Street, 39-1 103450 Moscow Russian Federation	For Topography and Mapping the responsible Agency is the Federal Agency for Geodesy and Mapping. It operates under the Russian Federation Ministry of Transportation	As for Cadastre authority
Telephone Number	(7-095) 207 9627	Federal Agency for Geodesy and Mapping Ul. Krzhizhanovskogo, 14, kor. 2 117997 Moscow	
Fax Number	(7-095) 207 2695	Tel. No (7-095) 127-5714	
E Mail Address	alo@fccland.ru	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 Address: Prospect Vernadskogo, 37, kor 2 Moscow 119415	
Internet Home Page Address	www.goscomzen.ru	Tel. No (7-095) 930-7351	
Contact Name	Sergei I. Say Chief	Fax No (7-095) 930-7351	
Ministry responsible	Federal Land Cadastre Service of Russia (Roszemcadastre) is responsible for the maintenance of the State Land Cadastre Municipal Justice Agencies of the Russian Federation Ministry of Justice are responsible for registration of rights in real estate and transactions with real estate. Country National Ministry Russian Federation Federal Land Cadastre Service of Russia	E Mail address: alo@fccland.ru	
		Internet home page address: www. goscomzem.ru	
		Contact Name: Mickhail Mishustin, Chief of Agency	
		Ministry responsible: Federal Agency of Real Property Cadastre Russian Federation Ministry of Economic Development and Trade	

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

San Marino	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	Ufficio Del Registro E Delle Ipoteche Viale Onofri - 47890 San Marino Republic of San Marino	Ufficio Tecnico del Catasto Via Piana, 42-47890 San Marino Republic of San Marino	Ufficio Tecnico Del Catasto Via Piana, 42-47890 San Marino Republic of San Marino
Telephone Number	+ 378 88 20 94	+ 378 88 21 05	+ 378 88 21 05
Fax Number	+ 378 88 21 00	+ 378 88 21 22	+ 378 88 21 22
E Mail Address			
Internet Home Page Address			
Contact Name	AVV Paola Colombini, Direttore	Ing. Piermarino Montagna Direttore	Ing Pier Marino Montagna Direttore
Ministry responsible	Ministry of Finance and Budget Segreteria di Stato per le Finanze e il Bilancio – Programmazione	Segreteria di Stato per il Territorio Ambiente, Agricoltura e Rapporti con A.A.S.P	Segreteria di Stato per il Territorio Ambiente Agricoltura e Rapporti Con A.A.S.P

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Serbia and Montenegro	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	Republic Geodetic Authority of the Republic of Serbia	Republic Geodetic Authority of the Republic of Serbia	Republic Geodetic Authority of the Republic of Serbia
Telephone Number	+ 381 11 26 50 886	+ 381 11 26 50 886	+ 381 11 26 50 886
Fax Number	+ 381 11 26 53 418	+ 381 11 26 53 418	+ 381 11 26 53 418
E Mail Address	sdabasi@rzg.co.yu kn@rgz.co.yu	sdabasi@rzg.co.yu pn@rgz.co.yu	sdabasi@rzg.co.yu pn@rgz.co.yu
Internet Home Page Address	www.rgz.co.yu	www.rgz.co.yu	www.rgz.co.yu
Contact Name	Suleiman Dabbas, MSc G.E. Mladen Dugonjic, MSc G.E.	Suleiman Dabbas, MSc G.E. Milivoje Avramovic, MSc G.E.	Suleiman Dabbas, MSc G.E. Milivoje Avramovic, MSc G.E. Nenad Matejic, BSc A.E.
Ministry responsible	Ministry for Urban Planning and Construction	Ministry for Urban Planning and Construction	Ministry for Urban Planning and Construction

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Slovakia	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	Geodesy, Cartography and Cadastre Authority of the Slovak Republic Stromova 1 837 86 Bratislava Slovak Republic	The same as Land Title Registration	The same as Land Title Registration
Telephone Number	+ 421 2 59 37 44 31		
Fax Number	+ 421 2 59 37 43 56		
E Mail Address	valis@vugk.sk niksova@geodesy.gov.sk		
Internet Home Page Address	http://www.geodesy.gov.sk		
Contact Name	Juraj Valis Nadezda Niksova		
Ministry responsible	The Geodesy, Cartography and Cadastre Authority of the Slovak Republic is the central body of the state administration (at the level of the ministry)		

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	alenska.jelenc- puklavec@sodisce.si	ales.seliskar@gov.si	alenska.rotter@gov.si
Internet Home Page Address	http://www.sodisce.si/	http://www.gu.gov.si/	http://www.gov.si/mkgp/
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

Section A

Name and Address of responsible organisation(s):

Spain	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	Colegio de Registradores de la Propiedad C/ Diego de León 21 28006 Madrid	Dirección General del Catastro Paseo de la Castellana, 272 28046 - Madrid	Same as in column 2; Cadastral Organisation in Spain keeps and maintains Land Use data; specifically, buildings and crops.
Telephone Number	341 272 18 78	341 583 67 42	
Fax Number	341 564 12 05	341 583 67 52	
E Mail Address	Director.RI @registradores.org	director.general@catastro.minhac.es	
Internet Home Page Address	www.registradores.org	www.catastro.minhac.es (general information) http://ovc.catastro.minhac.es/ (cadastral data and cartography via web)	
Contact Name	Fernando Méndez Decano del colegio	Jesus S. Miranda Hita Director General	
Ministry responsible	Ministerio de Justicia	Ministerio de Economía y Hacienda (Ministry for Economy and Finances)	

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Sweden	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	Seven local courts under the administrative supervision of National Courts Administration (Domstolsverket), S-551 81 Jönköping	Lantmäteriet (The National Land Survey) S-80182 Gävle, Sweden	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)
Telephone Number	+ 46 36 155300	+ 46 26 633000	
Fax Number	+ 46 36 165721	+ 46 26 611738	
E Mail Address	domstolsverket@dom.se	bengt.kjellson@lm.se	
Internet Home Page Address	www.dom.se	http://www.lantmateriet.se	
Contact Name	Charlotte Brokelind	Bengt Kjellson	
Ministry responsible	Ministry of Justice	Ministry of Environment	

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Switzerland	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	Eidg. Amt für Grundbuch - und Bodenrecht Taubernstr 16 CH - 3003 Bern Switzerland	Swiss Federal Directorate of Cadastral Surveying Seftigenstrasse 264 CH - 3084 Wabern Switzerland	Swiss Federal Office of Statistics CH - 3003 Bern Switzerland
Telephone Number	+ 41 31 322 41 80	+ 41 31 963 24 13	+ 41 32 713 67 04
Fax Number	+ 41 31 322 44 83	+ 41 31 963 22 97	+ 41 32 713 65 60
E Mail Address	manual.mueller@bj.admin.ch	info_vd@LT.admin.ch	arealstatistik@bfs.admin.ch
Internet Home Page Address		http://www.swisstopo.ch/de/vd/INDEX.htm	http://www.statistik.admin.ch/stat_ch/ber02/asch/dframe1.htm
Contact Name	Manuel Müller		Andreas Finger Rainer Humbel
Ministry responsible	Department of Justice and Police	Department of Defense, Civil Protection and Sport	Department of the Interior

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Turkey	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	Land Registry and Cadastre of Turkey	Land Registry and Cadastre of Turkey	
Telephone Number	0-312-425 4631	0-312-425 4631	
Fax Number	0-312-4186103	0-312-4186103	
E Mail Address			
Internet Home Page Address			
Contact Name	Nihat Sahin	Nihat Sahin	
Ministry responsible	Ministry of State	Ministry of State	

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

United Kingdom <i>England & Wales</i>	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	H M Land Registry Lincoln's Inn Fields London United Kingdom WC2A 3PH	Ordnance 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
Telephone Number	+ 44 (0) 20 7917 8888	+ 44 23 8079 2131	+ 44 (0) 20 7238 6951.
Fax Number	+ 44 (0) 20 7955 0110	+ 44 23 8079 2230	+ 44 (0) 20 7238 6609
E Mail Address	alan.pemberton@landregistry.gsi.gov.uk	Clare.Hadley@ordnancesurvey.co.uk	helpline@defra.gsi.gov.uk
Internet Home Page Address	http://www.landregistry.gov.uk	www.ordnancesurvey.co.uk	www.defra.gov.uk
Contact Name	Alan Pemberton	Clare Hadley	
Ministry responsible	Department for Constitutional Affairs	Office of Deputy Prime Minister	DEFRA

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

United Kingdom <i>Northern Ireland</i>	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	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	
Telephone Number	(+ 44) 028 90 251 555		
Fax Number	(+ 44) 028 90 251 550		
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

Section A

Name and Address of responsible organisation(s):

United Kingdom Scotland	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	Registers of Scotland Executive Agency Meadowbank House 153 London Road Edinburgh EH8 7AU	Ordnance Survey Romsey Road Southampton United Kingdom SO16 4GU	Macaulay Land Use Research Institute Craigiebuckler Aberdeen AB15 8QH
Telephone Number	(+ 44) 0131 659 6111	+ 44 23 8079 2131	(+ 44) 01224 318611
Fax Number	(+ 44) 0131 459 1221	+ 44 23 8079 2230	(+ 44) 01224 311556
E Mail Address	jim.meldrum@ros.gov.uk	Clare.Hadley@ordnancesurvey.co.uk	d.miller@mluri.sari.ac.uk
Internet Home Page Address	www.ros.gov.uk	www.ordnancesurvey.co.uk	
Contact Name	Jim Meldrum	Clare Hadley	Dr. David Miller
Ministry responsible	Minister for Communities	Office of Deputy Prime Minister	Secretary of State for Scotland

Land Title Registration

Section B

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

Country	Yes	No Refer to Question 9	A register of title		A register of deeds	Both (please provide details)	Other records (please provide details)	How is the register record described locally
			by title number	by parcel identifier				
Albania	✓			✓				Regjistri I Kartelave Te Pasurise Se Paluajtshme (Register of Kartelas of Immoveable Properties)
Armenia	✓			✓				Legal cadastre
Austria	✓		✓	✓				Grundbuch: a Title System Principles: 1. Validity by registration 2. Publicity and others
Azerbaijan	✓		✓					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)
Belarus	✓		✓	✓	✓	✓ United Register for Immovable Property, Rights on Immovable Property and Deeds with Immovable Property	Kataster Nekretnina (Real Estate)	

Land Title Registration

Section B

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

Country	Yes	No Refer to Question 9	A register of title		A register of deeds	Both (please provide details)	Other records (please provide details)	How is the register record described locally
			by title number	by parcel identifier				
Bosnia & Herzegovina	✓			✓				Zemljisna Knjiga, Kataster Nekretnina, Kataster Zemljista
Bulgaria								
Canada								
<i>Alberta</i>	✓		✓	✓			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	Certificate of Title under Torrens System
<i>British Columbia</i>	✓		✓	✓				A Torrens Title System of Registration
<i>Manitoba</i>	✓		✓	✓	✓	✓ Land under Torrens system governed by the Real Property Act. Land under the Common Law governed by the Registry Act	Daily record of all transactions recorded against land	Title, Certificate of Title, Abstract
<i>New Brusnwick</i>	✓			✓	✓*	✓ Dual Registries, Registers and Land Titles, Coexist		✓ Title Register

Ontario	✓			✓				1. Parcel Register – Land Titles 2. Abstract Index – Registry 3. PIN (Property Identification Number) Automated record in both Land Titles and Registry
Prince Edward Island	✓				✓			Grantor/Grantee Indexes
Saskatchewan	✓		✓	✓				certificate of title
Croatia	✓		✓	✓				Land Register; Zemjiska knjiga (or Grundbuch; Gruntnovnica)
Cyprus	✓		✓	✓				Land Register
Czech Republic	✓		✓	✓				Katastr nemovitosti
Denmark	✓			✓				Tingbog
Estonia	✓		✓					Kinnistusraamat
Finland	✓			✓ By real estate identifier (a real estate may have several parcels)				Lainhutto - ja Kiinnitysrekisteri
France								
Germany	✓						✓ Grundbuch/ Land register Inventory list(parcel	Grundbuch

Land Title Registration

Section B

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

Country	Yes	No	A register of title		A register of deeds	Both (please provide details)	Other records (please provide details)	How is the register record described locally
			by title number	by parcel identifier				
Germany (cont.)							<p>identifier, location, size and use respective to the real estate cadastre)</p> <p>Pt 1- ownership</p> <p>Pt 2- special rights eg usufruct of land, landed servitudes, life estate, right of way</p> <p>Pt 3- hypothecs, mortgages, land charges</p>	
Georgia	✓			✓		✓		Public Register
Greece	✓				✓		<p>currently in transition between old system of register of deeds and new helleneic cadastral system (register of titles)</p>	<p>Old system - Registry Offices or Register of Deeds and mortgages</p> <p>New system - national cadastre of greece</p>
Hungary	✓			✓			<p>the property sheet consists of three parts:</p> <p>Pt 1-descriptive data (site,area, cultivation features, soil quality, income etc.</p> <p>Pt 2-titles;data relating to ownership, name, address, birth etc.</p> <p>Part 3-all other titles and</p>	Ingatlan-Nyilvántartás

Hungary (cont.)							deeds; data on utilisation, soil quality, usufruct, limitations of disposition etc.	
Iceland	✓			✓	✓	✓ The register of land ownership in the register of deeds does not at all times coincide with Fasteignaskra.		Fasteignaskra = Computerised Register of land and real properties in houses
Ireland	✓		✓	✓	✓	<p>✓ The Land Registry maintains public registers of documents consisting of folios and maps. The Folio document:</p> <ul style="list-style-type: none"> • 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. <p>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</p>		Land Registry (Register of Titles), Registry of Deeds

Land Title Registration

Section B

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

Country	Yes	No	A register of title		A register of deeds	Both (please provide details)	Other records (please provide details)	How is the register record described locally
			by title number	by parcel identifier				
Ireland (cont.)						<p>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.</p> <p>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.</p> <p>Each register (folio) has a separate number and collectively the folios form the Land Register.</p> <p>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.</p>		

Ireland (cont.)						<p>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.</p> <p>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.</p> <p>Registry of Deeds: A significant portion of the records, which account for a large volume of activity, are held in computerized format.</p>	
Italy	✓		✓	✓	✓	✓ The register of deeds contents identification of holders of rights, the real estate identification code, the kind of rights and other existing charges	Land Register - cadastre
Latvia	✓		✓				Zemesgrāmata (Land book)
Liechtenstein	✓			✓			Grundbuch
Lithuania	✓		✓	✓	✓		Real Property Register (land, buildings, flats and rights to them)
Luxembourg	✓		✓	✓	✓	✓	Registres Cadastraux

Land Title Registration

Section B

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

Country	Yes	No	A register of title		A register of deeds	Both (please provide details)	Other records (please provide details)	How is the register record described locally
			by title number	by parcel identifier				
FYRO Macedonia	✓		✓	✓				Zakon Za Premer Katatar i Zapisuvange na Pravata na Nedviznostite. (Popular name Katatar na Nedviznosti)
Malta	✓							Land Register
Republic of Moldova	✓ (in preparation)		✓	✓				Registru Bunurilor Imobiliare (Register of Real Estate)
Netherlands	✓				✓	✓ All deeds are kept, actual situation is extracted from these deeds and recorded in the cadastral registration		“Kadaster”
Norway	✓			✓				Grunnbok
Poland	✓						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.	Ksiegi Wieczyste

Portugal	✓			✓				
Romania	✓			✓				“Carte Funciara” (Land Book)
Russian Federation	✓							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.
San Marino	✓			✓For the Land Registry Office	✓For the Office of Public Records and mortgages*		*deeds under public seal and probated private contracts concerning the transfer of real property and landed estate, final judgements, and succession statements	<u>Registri Catastali</u> c/o Land Registry Office <u>Registri Delle Proprieta' immobiliari</u> c/o The Office of Public Records and Mortgages, where everyone is free to consult the “Tables of Records and Registrations”
Serbia				✓			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,	Jedinstvena Evidencija (Unique Evidence) presents synthesis of Land Cadastre and Land Book, an automatized ownership registration in expansion.

Land Title Registration

Section B

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

Country	Yes	No	A register of title		A register of deeds	Both (please provide details)	Other records (please provide details)	How is the register record described locally
			by title number	by parcel identifier				
Serbia (contd)							area, etc., which are taken (copied) from local cadastral offices.	
Slovakia	✓		✓	✓				Cadastre of Real Estates/ kataster nehnutel'nosti
Slovenia	✓		✓					Land Register
Spain	✓			✓				Registro de la Propiedad
Sweden	✓							Inskrivningsregister
Switzerland	✓			✓				Grundbuch/ registre foncier/ registro fondiano
Turkey	✓			✓				Tapu Sicili
United Kingdom								
<i>England & Wales</i>	✓		✓					Register of Title
Northern Ireland	✓		✓	✓		✓ 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		Land Registry (for registered land) Registry of Deeds (for unregistered land)

Northern Ireland
(contd)

Scotland

✓

progressively be replaced by
registered titles.

✓

*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.

Land Title Registration

Section B

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

Country	Purchase Price Paid	Legal Rights	Existence of Secured Loan
Albania	✓	✓	✓
Armenia		✓	
Austria		✓	✓
Azerbaijan		✓	
Belarus	✓	✓	✓
Bosnia and Herzegovina	✓	✓	✓
Bulgaria			
Canada			
<i>Alberta</i>	✓	✓	✓
<i>British Columbia</i>	✓	✓	✓
<i>Manitoba</i>	✓	✓	✓
<i>New Brunswick</i>		✓	✓
<i>Ontario</i>	✓		✓
<i>Prince Edward Island</i>		✓	
<i>Saskatchewan</i>	✓	✓	✓
Croatia		✓	✓
Cyprus	✓	✓	✓ (any charge against the property)

Czech Republic			✓	✓
Denmark	✓		✓	✓
Estonia			✓	✓
Finland	✓		✓	✓
France				
Germany			✓	✓
Greece			✓	✓
Hungary			✓	✓
Iceland	✓ In the Register of Land and Houses	✓ In the Register of Deeds		✓ in the Register of Deeds
Ireland			✓	✓
Italy			✓	✓
Latvia	✓		✓	✓
Liechtenstein			✓	✓
Lithuania	✓		✓	✓ (In the Mortgage Register)
Luxembourg	✓		✓	
FYRO Macedonia			✓	✓
Malta			✓	✓
Republic of Moldova			✓	✓
Netherlands	✓		✓	✓
Norway	✓ (only for fixing the fee for registration and for determining the sales tax)		✓	✓

Land Title Registration

Section B

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

Country	Purchase Price Paid	Legal Rights	Existence of Secured Loan
Poland		✓	✓ (hypothecary security)
Portugal		✓	✓
Romania		✓	✓
Russian Federation	✓	✓	✓
San Marino		✓	✓
Serbia		✓ All data about legal rights, mortgages, tenure, transactions, etc., on property are included in this database feature class.	
Slovakia	In records since 1.1.2005	✓	✓
Slovenia		✓	✓
Spain	✓	✓	✓
Sweden	✓	✓	✓
Switzerland	✓	✓	✓
Turkey	✓	✓	✓
United Kingdom			
<i>England & Wales</i>	✓	✓	✓
Northern Ireland	✓	✓	✓
<i>Scotland</i>	✓	✓	✓

Land Title Registration

Section B

B3. Is this system administered and maintained:

Country	At a National Level	At State or Province Level	At Regional Level	Other (please specify)
Albania	✓			
Armenia	✓			
Austria	✓ (storage & administration)		✓ (Maintenance)	
Azerbaijan			✓	
Belarus	✓			
Bosnia & Herzegovina	✓		✓	
Bulgaria				
Canada				
<i>Alberta</i>		✓		
<i>British Columbia</i>		✓		
<i>Manitoba</i>		✓		
<i>New Brunswick</i>		✓	✓	
<i>Ontario</i>		✓	✓	
<i>Prince Edward Island</i>		✓By County within Province		
<i>Saskatchewan</i>		✓	✓	8 Customer Service Centres
Croatia			✓	

Land Title Registration

Section B

B3. Is this system administered and maintained:

Country	At a National Level	At State or Province Level	At Regional Level	Other (please specify)
Cyprus	✓		✓	Each of the 6 districts administers its own Land Registers under the overall control of the Director at a national level.
Czech Republic	✓ maintenance, supervision, central data base of digital data		✓ (cadastral offices in districts)	
Denmark			✓	The system is a part of the lower courts. The contents of the register are kept in a central database
Estonia	✓			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
Finland	✓		✓	The data is updated by the local courts. The central data system is supervised by the Ministry of Justice
France				
Germany			✓ (Grundbuch in the local court)	
Greece	✓ New Cadastral system		✓ Old System	
Hungary	✓			
Iceland	✓ (The register of land and real properties in houses)	✓ (The register of deeds)		
Ireland	✓		✓	Maintenance of duplicate Registers of Titles

Italy		✓		
Latvia	✓			✓
Liechtenstein	✓			
Lithuania	✓			
Luxembourg	✓			
FYRO Macedonia	✓Supervision, central data-base of digital data			✓Cadastral, offices in districts
Malta	✓			Note - the LR intends seeking ways of compiling/holding data at Local Council level (recently set up).
Republic of Moldova	✓			✓
Netherlands	✓			Offices in the provinces
Norway				✓ (in 87 local court offices*)
Poland				✓
Portugal	✓			✓
Romania				✓Cadastre and Land Registration Offices at county level
Russian Federation	✓Administered	✓Administered		✓Maintained
San Marino	✓			
Serbia	✓Administration and supervision (Sector for Informatics and Communication and Sector for Supervision within RGA)			✓Local Real Estate Cadastre Offices are legally responsible to maintain JE database.

Land Title Registration

Section B

B3. Is this system administered and maintained:

Country	At a National Level	At State or Province Level	At Regional Level	Other (please specify)
Slovakia	✓		✓cadastral offices in districts	
Slovenia	✓Supervision with central database		✓(local)	
Spain	✓			
Sweden	✓		✓	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).
Switzerland		✓	✓	
Turkey	✓			
United Kingdom				
<i>England & Wales</i>	✓			
Northern Ireland	✓			
<i>Scotland</i>	✓			

Land Title Registration

Section B

B4. Are these records held:

Country	In a computerised format (indicate percentage)	As Paper / Manual Records	In a Combination of Both
Albania			✓
Armenia		✓	
Austria	✓ 100%		
Azerbaijan		✓	
Belarus			✓
Bosnia & Herzegovina			✓
Bulgaria			
Canada			✓
<i>Alberta</i>	✓ 100% (microfilm documents being converted to digital images)		
<i>British Columbia</i>	✓ 100%		
<i>Manitoba</i>	✓ 80%	✓	✓
<i>New Bruswick</i>			✓
<i>Ontario</i>			✓
<i>Prince Edward Island</i>			✓
<i>Saskatchewan</i>	✓100% of current titles by end of 2002	✓Instruments other than current titles to be imaged as time allows	

Land Title Registration

Section B

B4. Are these records held:

Country	In a computerised format (indicate percentage)	As Paper / Manual Records	In a Combination of Both
Croatia		✓	
Cyprus			✓
Czech Republic	✓ (conversion will be finished in 1998)		
Denmark	✓ 100%		
Estonia	✓	✓	✓ Computerisation of the Land Register is in the last phase.
Finland	✓ 100%		
France			✓
Germany	Computerisation begun	✓	
Greece	✓ New cadastral system 100%		old system
Hungary	✓ 100%		✓
Iceland	✓ The Register of Land and Real properties in Houses (98-100%)	✓ The Register of Deeds	
Ireland	✓ 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.		✓
Italy	✓ 90%		
Latvia	✓		

Liechtenstein			✓	
Lithuania	✓ 100 %			
Luxembourg				✓
FYRO Macedonia	✓ 100 %			✓
Malta				✓ In the coming years - solely in a computerised format (copies in paper records being kept by the Notary).
Republic of Moldova				✓
Netherlands	✓ 100 %			
Norway	✓ 100 %			
Poland				
Portugal	✓ 10 %	✓90%		✓ with decisive supremacy of paper
Romania				✓
Russian Federation				✓
San Marino			✓	
Serbia	At this moment, JE operates on 33% of the Republic of Serbia territory. Further transformation is in process.			
Slovakia	✓ 100 %			
Slovenia	✓ 100 %		✓	✓
Spain				✓
Sweden	✓ 100 %			

Land Title Registration

Section B

B4. Are these records held:

Country	In a computerised format (indicate percentage)	As Paper / Manual Records	In a Combination of Both
Switzerland	✓		✓Until now 16 cantons have been authorised by the Federal Council to keep the land register (Grundbuch) in a computerised format
Turkey			✓
United Kingdom			
<i>England & Wales</i>	✓ 100%		
Northern Ireland	✓ 100%		
<i>Scotland</i>	✓100%		

Land Title Registration

Section B

B5. Is this data open to public inspection

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

Land Title Registration

Section B

B5. Is this data open to public inspection

Country	By Any Member of the Public Without Restriction	By Any Member of the Public With Restriction in the level of Access	By Professional Parties Only	By Other Groups (please specify)
<i>Saskatchewan</i>	✓ (available on-line)			
Croatia		✓		
Cyprus	✓			By interested parties with restrictions in the level of access.
Czech Republic		✓		
Denmark	✓	✓		
Estonia	✓			
Finland	✓			
France				
Germany	✓ Public authorities and notaries, owners (for their own property)	✓ Any one else with a justified interest		
Greece	✓ (not the personal data)		✓ (Old system)	
Hungary	✓ Open access with very limited exception e.g military areas			
Iceland	✓			
Ireland	✓ 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.			

Italy	✓			
Latvia	✓		✓	
Liechtenstein			✓	
Lithuania	✓ (Courts, prosecutors, state security offices, notaries, bailiffs)	✓ Real property agencies, private companies, telecommunication agencies, architects, municipalities, advocates, etc)		
Luxembourg	✓			
FYRO Macedonia	✓			
Malta	✓			
Republic of Moldova			✓	
Netherlands	✓			
Norway	✓			
Poland		✓ Restricted access to the file of land and mortgage register (law interest is required)		
Portugal	✓			
Romania		✓ Restricted only for specific destination area, against charges.		
Russian Federation	✓			
San Marino	✓			
Serbia	✓			
Slovakia	✓ (except the identical personal number and deeds)	✓ (to the identical personal number and to the deeds)	✓ The identical personal number and the deeds are open to owner and any other entitled persons.	

Land Title Registration

Section B

B5. Is this data open to public inspection

Country	By Any Member of the Public Without Restriction	By Any Member of the Public With Restriction in the level of Access	By Professional Parties Only	By Other Groups (please specify)
Slovenia				
Spain				
Sweden				
Switzerland				
Turkey				
United Kingdom				
<i>England & Wales</i>				
Northern Ireland				
<i>Scotland</i>				

Land Title Registration

Section B

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

Country	No	Yes (please provide brief details in the space provided)
Albania		✓ The law explicitly guarantees the protection of legal rights of the registration system
Armenia		✓ According to the legislation of the Republic of Armenia the title registration and property transfer is guaranteed by the State
Austria		✓
Azerbaijan	Not at this moment, although, it will be once new legislation has been passed.	
Belarus		Yes Responsibility and guaranties of State Registration offices for mistakes in registration activity are pointed in the Registration Law (2003)
Bosnia and Herzegovina		✓
Bulgaria		
Canada		
<i>Alberta</i>		✓ 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.
<i>British Columbia</i>		✓ Provincial Title Assurance fund maintained through a charge for each transaction
<i>Manitoba</i>		✓ 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.

Land Title Registration

Section B

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

Country	No	Yes (please provide brief details in the space provided)
<i>New Brunswick</i>		✓ Land Titles only. Title to Registry Parcels is not guaranteed.
<i>Ontario</i>		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.
<i>Prince Edward Island</i>	✓	
<i>Saskatchewan</i>		✓ The Land Titles Act guarantees indefeasible title except in certain exceptions listed in the Act.
Croatia		✓
Cyprus		✓
Czech Republic		✓ It is stated by law that proprietary and other material rights to real estates will come into power by their registration to the cadastre.
Denmark		✓ Guaranteed by the State in the sense that the State pays compensation when title is registered incorrectly.
Estonia		✓ By law on the Land Register
Finland		✓ The data in the register is guaranteed by state for an individual in Good Faith.
France		
Germany		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

Germany (cont.)			applies to the land register. It has public faith. The contents of the land register applies to be true in favour of the acquiring party (bona fide acquisition)
Greece	✓ Old system		✓ Under the new Hellenic Cadastre System
Hungary			✓ 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
Iceland		✓	
Ireland			✓ 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.
Italy		✓	
Latvia			✓ By the Civil law
Liechtenstein			✓ The basis of the guarantee is Liechtenstein Civil Law.
Lithuania			✓ Law on Real Property Register foresees the State Guarantee
Luxembourg			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.
FYRO Macedonia			✓ With certificate from the court.
Malta			✓ - where Government is involved. - if 10 years elapse from date of application unless a title with qualification is issued or unless an objection/caution has been lodged. - dealings in an absolute title.

Land Title Registration

Section B

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

Country	No	Yes (please provide brief details in the space provided)
Republic of Moldova		✓ It is proposed to create a warranty fund from a percentage of registration fee
Netherlands		✓ The Cadastre, Land Registry and Mapping Agency guarantees the correct processing of the notarial deeds in the Land Registers and the cadastral maps.
Norway		✓ By law on the Land Register
Poland		✓ 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.
Portugal		✓ Titles registered in the land register are state guaranteed
Romania		✓ The property right and claims on the state are guaranteed. The private property is equally guaranteed by law, irrespective of title.
Russian Federation		✓ Federal Law on Registration or Right to Real Property and transactions with it.
San Marino		✓
Serbia		✓ 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
Slovakia		✓

Slovenia	✓	
Spain	✓ by personal liability of civil servant	
Sweden		✓ The contents of the register are in principle guaranteed to be correct. Compensation is paid to any holder of legal rights in the property who, having relied upon the information, has suffered losses.
Switzerland		✓ The basis of the guarantee is Swiss Civil Law on a Federal level
Turkey		✓
United Kingdom		
<i>England & Wales</i>		✓ The registered title is guaranteed against adverse claims arising in the future. There is express provision for indemnity should any person suffer loss through any error or omission that occurs in the register.
Northern Ireland		✓ Titles registered in the land register are state guaranteed The Registry of Deeds records the existence and priority of deeds but does not guarantee the validity of the deeds.
<i>Scotland</i>		✓ Titles registered in the Land Register are State guaranteed. Recording of a deed in the Sasine Register confers a priority against any subsequent competing title but does not make the deed immune from challenge on the grounds of an intrinsic defect.

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)

Country	No	Yes (please provide brief details in the space provided)
Albania		✓ A seal with date and time defines the priority
Armenia		✓
Austria		✓ The sequence of entries follows the sequence of applications
Azerbaijan	No, as all land is the property of the state	
Belarus		✓
Bosnia and Herzegovina		✓
Bulgaria		
Canada		
<i>Alberta</i>		✓ Torrens System, each registration on title is assigned a unique priority number
<i>British Columbia</i>		✓ Registration at land Titles establishes priority not date of transfer.
<i>Manitoba</i>		✓ Each registration is assigned a priority no. unique to that instrument. Where a title is created, a unique title of that ownership is created.
<i>New Brunswick</i>		✓ Documents are dealt with in sequential order (Time Stamp) of receipt
<i>Ontario</i>	✓	The Land Titles Act establishes priority rules by order of registration.
<i>Prince Edward Island</i>	✓	

Saskatchewan		✓ 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.
Croatia		✓
Cyprus		✓ Based upon the time the declaration of transfer has been deposited in the Land Registry office
Czech Republic		✓ The priority of entries is stated by the law that depends on the moment of presentation or entry requirement.
Denmark		✓ A day-book is kept in order to establish priority of applications. Applications received on the same day have equal rights.
Estonia		✓ Priority by application time.
Finland		✓ Based on time when the application has been left in the local court.
France		
Germany		✓ The sequence of inscriptions follows the sequence of applications made, not of applications finished.
Greece	✓ The old system	✓
Hungary		✓ The land registration system is based on, and secured by, a strict filing system logging the timing of application entries.
Iceland		A document in violation of a pre-dated transfer is not accepted in the Register of Deeds.
Ireland		✓ 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.
Italy		✓ A day-book is kept in order to establish priority of applications.
Latvia		✓ Establishing priorities are regulated by the law of Landbooks of the Republic of Latvia.

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)

Country	No	Yes (please provide brief details in the space provided)
Liechtenstein		
Lithuania		✓ Legal acts establish that the first application submitted for registration receives the priority over the subsequent ones.
Luxembourg	✓	
FYRO Macedonia		✓ By archiving the documents
Malta	✓ 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.	
Republic of Moldova		✓ Priority by application time
Netherlands		✓ 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.
Norway		✓ 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.
Poland		✓ “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).

Portugal	✓ A day-book is used to establish priority of registration
Romania	✓ In the input registry the date and hour of the application is recorded.
Russian Federation	✓ The applications are registered as they come in. The priority rules are not established in a sense as they are described in western countries.
Serbia	✓ 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
San Marino	✓
Slovakia	✓ - special “seal” is put into the database so that application sent at specific time could not be “overcome” by later application. - pre-emption right is also involved.
Slovenia	✓ Registrations made according to order of precedence of Land Register Proposals
Spain	✓
Sweden	✓ 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.
Switzerland	✓
Turkey	✓ 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.
United Kingdom	
<i>England & Wales</i>	✓ 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.

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)

Country	No	Yes (please provide brief details in the space provided)
Northern Ireland		<p>✓ 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.</p> <p>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.</p>
<i>Scotland</i>	✓	

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

Country	Total of number of applications received to record a change in property ownership annually
Albania	Approximately 16,000
Armenia	44,789
Austria	800,000
Azerbaijan	None
Belarus	136211 – Deeds. 391896 – Total number of applications.
Bosnia and Herzegovina	No information available
Bulgaria	
Canada <i>Alberta</i>	181,000 titles issued, approximately 1,000,000 registrations
<i>British Columbia</i>	Approx 800,000
<i>Manitoba</i>	70,000 titles issued. 180,000 registrations
<i>New Brunswick</i>	25,000 ± Titles changed, 100,000 ± registrations
<i>Ontario</i>	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.)
<i>Prince Edward Island</i>	3,000
<i>Saskatchewan</i>	227,376 including all types of changes (from January – December 2000)
Croatia	No information available
Cyprus	50,000

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

Country	Total of number of applications received to record a change in property ownership annually
Czech Republic	667,000
Denmark	160,000
Estonia	90,000
Finland	122,000
France	-
Germany	Unknown
Greece	approx. 800000-1000000 changes of all kind of property rights per year
Hungary	2,450,482 (2000). Please note number of ownership changes is not statistically registered and reported.
Iceland	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.
Ireland	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..
Italy	About 2,900,000
Latvia	170,000 approx.
Liechtenstein	Data not available
Lithuania	245,000
Luxembourg	For the whole country: 18,000 deeds (40,000 lots of land)
FYRO Macedonia	About 15,000

Malta	See No. B9
Republic of Moldova	No information supplied
Netherlands	450,000
Norway	145,000
Poland	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).
Portugal	– Not supplied
Romania	About 2,000,000 applications
Russian Federation	11.3 million
San Marino	1,160
Serbia	– Not supplied
Slovakia	450,000 approximately
Slovenia	Unknown
Spain	1,890,000
Sweden	250,000
Switzerland	Not Supplied
Turkey	2,360,544
United Kingdom	
<i>England & Wales</i>	4 million
Northern Ireland	61454 in Land Registry. 26697 in Registry of Deeds
<i>Scotland</i>	182,000 (2003/04)

Land Title Registration

Section B

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

Country	From State Ownership to the Private Sector?	Within the Private Sector?	How Many Mortgages Were Registered
Albania	Not available	181,000	215,000
Armenia	11,369	33,420	2,878 400,000
Austria			
Azerbaijan	(None, answers to Q. 7, 8 & 9 will be available once the Land Reform Law has been passed).		
Belarus	No information	No information	6000
Bosnia and Herzegovina	No information	No information	No information
Bulgaria			
Canada			
<i>Alberta</i>	Records not maintained	181,000	215,000
<i>British Columbia</i>	Minimal – number not available	800,000	
<i>Manitoba</i>	Not applicable	Not applicable	37,000
<i>New Brunswick</i>	Not maintained	Not maintained	30,000
<i>Ontario</i>	This information is not separately maintained		
<i>Prince Edward Island</i>			3,500
<i>Saskatchewan</i>	Will be available in new system	Will be available in new system	28,393 (January – November 2000)

Croatia		70,000	15,000
Cyprus		90,000	27,500
Czech Republic	Not observed	Not observed	Not observed
Denmark	60	160,000	280,000
Estonia	No information	No information	77,000
Finland	50	110,500	150,000
France	-		
Germany	Unknown	Unknown	Unknown
Greece	no records	approx. 540,000 (census 1996)	approx 165,000 (census 1996)
Hungary	Very few	about 1.71 million	0.74 million
Iceland	No records maintained but estimated to be few	No records maintained but few	Not known
Ireland	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.		Not available
Italy		Unknown	300,000
Latvia	139,000	30,000	18,000
Liechtenstein	Data not available		
Lithuania	48,500 (including land, buildings and flats) in 2004	190,500 (including land, buildings and flats) in 2004	31,100 in 2004
Luxembourg	± 500 lots (number of properties)	the rest 500 lots (number of properties)	This information is held by the Administration of the registry office.

Land Title Registration

Section B

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

Country	From State Ownership to the Private Sector?	Within the Private Sector?	How Many Mortgages Were Registered
FYRO Macedonia	3,000	11,000	1,000
Malta			Figures are not available as review data bases are locked pending data entry.
Republic of Moldova	Till 1995 1million landshare ownerships		
Netherlands	difference between state and private ownership is not distinguished	404,000	597,000
Norway	1 %	99 %	Approx 450,000
Poland	174,200 Data in question 9 comes from notary offices, however not every notary transaction is reflected in the land and mortgage register.	457,400 Data in question 9 comes from notary offices, however not every notary transaction is reflected in the land and mortgage register.	No data available.
Portugal	Data not available	Data not available	Data not available
Romania	470,000 in 2004	Data not available	Data not available
Russian Federation	41,475	385,024	760
San Marino	Data not available	Data not available	163
Serbia	Not available	Not available	Not available
Slovakia	Not available	Not available	Not available
Slovenia	Not available	Not available	Not available

Spain		1,890,000	1,600,000
Sweden	1 %	99 %	400,000 (incl. cancellation of mortgages and other associated applications)
Switzerland	Data not available		
Turkey	2,215,821	272,353	
United Kingdom			
<i>England & Wales</i>	Not available separately	1,464,622	2,962,429
Northern Ireland	Not known	Not known	36798 in Land Registry. 30770 in Registry of Deeds
<i>Scotland</i>	Not available separately	Not available separately	230,000 approximately (2003/2004)

Land Title Registration

Section B

B10. If records are maintained please indicate the approximate percentage of arable land in:

Country	Private Ownership %	State Ownership %	Of all Arable in your Country what % is rented from the State ?
Albania	95	5	
Armenia	66.7	6.28	26.78
Austria	80	20	
Azerbaijan	3.6 (Allotments)	96.4	85.4
Belarus	0	100	No information
Bosnia and Herzegovina	29	3	-
Bulgaria	-	-	-
Canada			
<i>Alberta</i>	Records not maintained		
<i>British Columbia</i>	8%	92%.	
<i>Manitoba</i>	Not available	Not available	Not available
<i>New Brunswick</i>	Not available	Not available	Not available
<i>Ontario</i>	This information is not maintained		
<i>Prince Edward Island</i>	95	5	1
<i>Saskatchewan</i>	-	-	-
Croatia	-	-	-

Cyprus	-	-	-
Czech Republic	Not observed	Not observed	Not observed
Denmark	90	10	5
Estonia	No information	No information	No information
Finland	98.8	0.4	0
France			
Germany	Unknown	Unknown	Unknown
Greece	No data available	No data available	No data available
Hungary	82.5	17.5	
Iceland	90	10	8
Ireland	The vast majority of land in Ireland is in private ownership. The Land Registry do not keep statistics to verify this nor do we have a role in keeping statistics regarding arable land.	Not available	Not available
Latvia	86.9%	13 (state and municipalities)	90
Liechtenstein	Data not available		
Lithuania	88%	12% (State and municipalities)	10%
Luxembourg	95	5	
FYRO Macedonia	20%	10%	4%
Malta			
Republic of Moldova	70	30	
Netherlands	(State and private ownership is not distinguishable)	Not available	2%

Land Title Registration

Section B

B10. If records are maintained please indicate the approximate percentage of arable land in:

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

Land Title Registration

Section B

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

Country	By Government Funding %	By Fees for Services %	By Other Means (please specify) %	Total 100%
Albania	(The first registration is entirely funded by the government and foreign donors).	In the future registration will be funded jointly by government funding and fees.		100
Armenia	5	25 (current activities 100%)	70 (First Title Registration - FTR donor assistance 90%)	100
Austria		100		100
Azerbaijan	100			
Belarus		100		
Bosnia & Herzegovina		100		100
Bulgaria				
Canada				
<i>Alberta</i>		100 (Fees recover registry costs)		100
<i>British Columbia</i>		100% – note we are a government funded operation, however our revenue exceeds our budget.		100
<i>Manitoba</i>		Fees for services(55%); for registrations(45%)		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.

Land Title Registration

Section B

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

Country	By Government Funding %	By Fees for Services %	By Other Means (please specify) %	Total 100%
<i>New Brunswick</i>		100 (Fees for services and registrations)		100
<i>Ontario</i>		100		100
<i>Prince Edward Island</i>	100	Registry fees account for approx. 1,700,000 deposited to General Account.		
<i>Saskatchewan</i>		Fees collected by ISC (100%)		100
Croatia	80	20		100
Cyprus	30	70		100
Czech Republic	100	Fees for services are returned to the State Budget.		100
Denmark		100		100
Estonia	100	Fees for services are returned to the State Budget.		100
Finland	40	60		100
France				
Germany	Percentage unknown	Percentage unknown	No other means	
Greece	87% for the implementation of the HC	100% for the operation of the old system	approx 13% by EU for the implementation	100

Hungary	69	31	No other means	100
Iceland	100			100
Ireland		100		100
Italy	100			100
Latvia	100			100
Liechtenstein		100		100
Lithuania		100		100
Luxembourg	50	50		100
FYRO Macedonia	100			100
Malta	100 (Government recoups part of the expenses through fees).			100
Republic of Moldova	40	10	50(grant sources)	100
Netherlands		100		100
Norway		100		100
Poland	100	10		100
Portugal		100		
Romania		100		
Russian Federation	70	30		100
San Marino	100			100
Serbia	100			100

Land Title Registration

Section B

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

Country	By Government Funding %	By Fees for Services %	By Other Means (please specify) %	Total 100%
Slovakia	100 Applicants have to pay registration fee, but there is no direct connection between these fees and budget of cadastral administration.			100
Slovenia	85	15		100
Spain				100
Sweden		100		100
Switzerland	Not supplied			100
Turkey	85	15		100
United Kingdom				
<i>England & Wales</i>		100		100
Northern Ireland		100		100
<i>Scotland</i>		100		100

Land Title Registration

Section B

B12. What is the total cost annually of:

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

Land Title Registration

Section B

B12. What is the total cost annually of:

Country	Operating the Land and Title Registration System in Your Country	Investing in the Further Development of Land and Title Registration
Croatia	No information supplied	
Cyprus	£CY 9,000,000	£CY 4,000,000
Czech Republic	800 million CZK	150 million CZK
Denmark	50 MIO DKR (8,5 mio US \$)	
Estonia	No information	No information
Finland	€19 million	€0.2 million
France		
Germany	Unknown	Unknown
Greece	No information supplied	
Hungary	10,144 million HUF NB: Overall land office activities incl. Institute of Geodesy, Cartography and Remote Sensing (FOM 1)	About 1.537 million HUF
Iceland	No information supplied	£70,000
Ireland	Total expenditure for 2002 was €38 million.	
Italy	About €127,300,000	About €9,700,000
Latvia	No information supplied	no information
Liechtenstein	No information supplied	

Lithuania	LTL 28 million (EUR 8.1 million)	LTL 4 million (EUR 1.16 million)
Luxembourg	for the Administration of Cadastre: 334.000.000 FLUX	50.000.000 FLUX
FYRO Macedonia	5 million USD	1 million USD
Malta	Lm220,000 (£Stg 382,800)	Lm15,000 (£Stg 22,750)
Republic of Moldova	USD 1,000,000 (in 1997)	USD 1,200,000 (in 1997)
Netherlands	€210 million (incl. Cadastre)	€20 million
Norway	Exact figure not available - approx 100 m Norwegian Krona	10m Norwegian Krona
Poland	unknown	unknown
Portugal	Data not available	Data not available
Romania	No data available	
Russian Federation	No information supplied	
San Marino		Data not available
Serbia	Not supplied	Not supplied
Slovakia	SK 380 million.	SK 40 mil
Slovenia	Not available	Not available
Spain		
Sweden	SEK 200 million	SEK 25 million
Switzerland	Not supplied	
Turkey	(a + b) 759 009 922 000 - TL 8 625 000 USD	
United Kingdom		
<i>England & Wales</i>	£336 million	
Northern Ireland	£8,600,000	
<i>Scotland</i>	£47 million approximately	Included in cost of operating land registration system

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

Country	Main Regulations or Legislation Under Which Land and Title Registration is Administered
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	<ol style="list-style-type: none"> 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)
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	

Canada	
<i>Alberta</i>	Land Titles Act, Law on Property Act (Statutes of Alberta).
<i>British Columbia</i>	Land Title Act.
<i>Manitoba</i>	The Real Property Act, The Registry Act.
<i>New Brunswick</i>	Registry Act, Land Titles Act
<i>Ontario</i>	Land Titles Act and Regulations thereunder. Registry Act and Regulations thereunder, Land Registration Reform Act and Regulations thereunder Condominium Act and Regulations thereunder.
<i>Prince Edward Island</i>	Registry Act of PEI.
<i>Saskatchewan</i>	The Land Titles Act 2000 and Regulations.
Croatia	<ol style="list-style-type: none"> 1. Zakon o geodetskoj izmjeri i katastru zemljišta (The Law of Geodesy and Cadastre) 2. Zakon o zemljišnim knjigama (The Law of the Land Registers) 3. Zakon o vlasnistvu i drugim stvarnim pravima (The Law of Ownership)
Cyprus	<ol style="list-style-type: none"> 1. The Immovable Property (Tenure, Registration and Valuation) Law, Cap.224. 2. The Immovable Property (Transfer and Mortgage Law), 1965. 3. Wills and Succusion Law Cap. 195. 4. Civil Procedure Law, Cap. 6.
Czech Republic	<p>Civil Code 40/1994 in amended wording. Act 265/1992 about recording of Proprietary and other rights in amended wording. Cadastral Act 344/1992 in amended wording. Act 359/1992 about surveying, mapping and cadastral bodies in amended wording. Regulations 190/1996 of the Czech Office for Surveying, Mapping and Cadastre.</p>
Denmark	The Law of Land Registration (Tinglysningsloven)
Finland	<p>The Code of real Estate The Law on Register of Titles and Mortgages The Ordinance on Register of Titles and Mortgages</p>
Estonia	Land Register Act, Law and Property Act
France	

Land Title Registration

Section B

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

Country	Main Regulations or Legislation Under Which Land and Title Registration is Administered
Germany	Civil Code Land Registration Act, Land Registration Regulation (Grundbuchordnung)
Greece	L D 5.9.1923 For the codification of the modified legislation for the cadastral system in urban real estate RD 30.4.1953 For the codification of existent legislation for the compulsory reallotment L 653/1977 L 133/1983 Extension of the Urban Planning maps, Urban development and relevant legislation L 674/1977 For the Land Reallotment L 1512/1983 L 1647/1986 HEMCO and other legislation RD 10.1.1949 For the introduction of administral management and protection of the public land legislation to the Dodecanese L 998/1979 For the forest and forest land protection L2308/1995 rules the cadastral surveys 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 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 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.
Hungary	<ul style="list-style-type: none"> • Act No. LXIII of 1992 on the Protection of Personal Data and the Disclosure of Public Information • 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-Ministry of Finance). <ul style="list-style-type: none"> • Act No. CXLI/1997 on Land Registration and the related executive order 109/1999(XII.29.) of FVM. • 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)

Iceland	The Law of Registration and Valuation of Real Properties nr. 94/1976. The Law of Registration of deeds, mortgages, transfer of ownership etc nr. 39/1978.
Ireland	Registration of Title Act 1964, Land Registration Rules 1972-1986, Registry of Deeds Act 1707-1832 as amended
Italy	The law R.D. nr. 2183/1938 Guideline nr. XIV approved by the ordinance of Ministry of finance 1949.
Latvia	1. The Law of Landbooks of the Republic of Latvia. 2. The Law “On the Renewal of the Validity of the Law of Landbooks of December 22, 1937 and it’s Enforcement”.
Liechtenstein	Civil Code
Lithuania	1. Civil Code 2. Law on Real Property Register 3. Law on Real Property Cadastre 4. Resolution of the Government of the Republic of Lithuania on Regulations of the Real Property Register 5. Resolution of the Government of the Republic of Lithuania on Regulations of the Real Property Cadastre 6. Law on Land 7. Law on Land Lease
Luxembourg	1. The law concerning the Administration of Cadastre and Topography 21.06.1973 2. The laws concerning the Administration of Registry Offices
FYRO Macedonia	Law for Land Surveying, Cadastre and Real Estate Rights Inscription.
Malta	Land Registration Act (Cap 296) Legal Notices -16/82 - Rules* 43/94 - Submission of plans * All rules being redrafted
Republic of Moldova	Civic Code 1964, Land Code 1991, Law on Land Cadastre, Draft Law on Real Estate Cadastre, Regulation on Cadastral Documentation.
Netherlands	Civil Code Cadastre Act Cadastre Organisation Act Land Development Act.
Norway	Law on the Land Register Law on the Cadastre

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

Country	Main Regulations or Legislation Under Which Land and Title Registration is Administered
Poland	<p>Act of July 6, 1982 on land and mortgage registers and hypothec (Official Journal on 1982, No.19, pos.147; changes. Official Journal on 1991, No.22, pos.92; No.115, pos.496; on 1994, No.85, pos.388).</p> <p>Order of the Minister of Justice of March 18, 1992 in the matter of execution of regulations concerning Act on land and mortgage registers and hypothec (Official Journal on 1992, No.29, pos.128; changes. Official Journal on 1994, No.136, pos.711).</p>
Portugal	Civil Code, Decree- Law No-172/95 (18/7), Decree- Law No-533/99 (11/12) and Decree- Law No-287/03 (12/11)
Romania	The Law 7 of 1966 on General Cadastre and Public Registers Executive Order no 237/1/C/1997 – Regulations for organisation and functioning of Land Book Offices. Emergency ordinance no 41/2004 and Government Decision no. 1210/2004, Law No. 499/2004
Russian Federation	Not Supplied
San Marino	<p>The relevant laws are the following: Law n.83/1981, n.84/1981, n.85/1981, n.86/1981, n.87/1981 and n.88/1981.</p> <p>The above-mentioned laws were all passed on 29th October, 1981.</p> <p>With regard to the norms regulating the activities of the Land Registry Office, see also Law n.28 of 25th September, 1950, Law n.10 of 16th July, 1951, Law n.30 of 27th November, 1952, and Law n.31 of 24th February, 1953.</p>
Serbia	<p>Zakon o drzavnom premeru i katastru i upisima prava na nepokretnostima (Law on State Land Survey, Cadastre and Registration of Real Estate Rights)</p> <p>Zakon o opstem upravnom postupku (Law on Basic Administrative Procedure)</p> <p>Pravilnik o izradi i odrzavanju katastra nepokretnosti (Regulation for Establishment and Maintaining of Real Estate Cadastre)</p> <p>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)</p> <p>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)</p>
Slovakia	<p>Act No. 162/1995 Coll. about the real estate cadastre and entries of ownership and other rights to the real estates + Subsequent Decree No. 79/96 Coll; Act No. 215/1995 Coll. on geodesy and cartography + subsequent Decree No. 178/96 Coll.</p> <p>Act No. 180/1995 Coll. about some arrangements for the Settlement of Land Ownership + Subsequent Decree No. 157/96 Coll.</p>
Slovenia	Law on Land Register (Official Gazette of the Republic of Slovenia No 58/2003), Court Rules (internal document)

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	
<i>England & Wales</i>	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
<i>Scotland</i>	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 Recording of the Area of Parcel Boundaries

Section C

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

Country	Yes	No
Albania	✓	
Armenia	✓	
Austria	✓	
Azerbaijan	✓	
Belarus	✓	
Bosnia & Herzegovina	✓	
Bulgaria	✓	
Canada		
<i>Alberta</i>	✓	
<i>British Columbia</i>		✓
<i>Manitoba</i>	✓	
<i>New Brunswick</i>	✓	
<i>Ontario</i>	There is a general geodetic network but there is no requirement to have a geodetic reference for document registration	
<i>Prince Edward Island</i>	✓	
<i>Saskatchewan</i>	✓	
Croatia	✓	

Cyprus	✓	
Czech Republic	✓	
Denmark	✓	
Estonia	✓	
Finland	✓	
France	✓	
Germany	✓	
Georgia	✓	
Greece	✓	
	*All answers in this section refer to the new cadastral system	
Hungary	✓	
Iceland		A new Geodetic network is being established
Ireland	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.	
Italy	✓	
Latvia	✓	
Liechtenstein	✓	
Lithuania	✓	
Luxembourg	✓	
FYRO Macedonia	✓	
Malta	✓	
Republic of Moldova	✓	
Netherlands	✓	

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

Section C

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

Country	Yes	No
Norway	✓	
Poland	✓	
Portugal	✓	
Romania	✓	
Russian Federation	✓	
San Marino	✓	
Serbia	✓	
Slovakia	✓	
Slovenia	✓	
Spain	✓	
Sweden	✓	
Switzerland	✓	
Turkey	✓	
United Kingdom		
<i>England & Wales</i>	✓	
<i>Northern Ireland</i>	✓	
<i>Scotland</i>	✓	

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?

Country	Yes	No
Albania	✓	
Armenia	✓	
Austria	✓	
Azerbaijan	✓ Yes, but only for recent registrations	
Belarus	✓	
Bosnia & Herzegovina	✓	
Bulgaria	✓	
Canada		
<i>Alberta</i>	✓ (requires registration of plan of survey or descriptive plan)	
<i>British Columbia</i>	✓	
<i>Manitoba</i>	✓	A metes and bounds description is applicable in some circumstances
<i>New Brunswick</i>		✓
<i>Ontario</i>		✓ 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.
<i>Prince Edward Island</i>		✓
<i>Saskatchewan</i>	✓ requires a plan of survey or descriptive plan	✓ Metes and bounds will no longer be allowed.

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?

Country	Yes	No
Croatia	✓	
Cyprus	✓	
Czech Republic	✓	
Denmark		✓ but registration of title for a new real property requires a cadastral procedure and an updated map to be presented to the Land Registry.
Estonia	✓	
Finland		✓ Registration is based on units found in the Cadastre
France	✓	
Germany	✓	
Georgia	✓	
Greece*	✓	
Hungary	✓	
Iceland		✓
Ireland	✓	
Italy	✓	
Latvia	✓	
Liechtenstein	✓	

Lithuania	✓	
Luxembourg	✓	
FYRO Macedonia	✓	
Malta	✓	
Republic of Moldova	✓	
Netherlands	✓ Cadastral Map is being updated after the transfer	
Norway		✓ New titles <u>may</u> be registered without an updated map. This is however normally in existence.
Poland	✓	
Portugal	✓ When Cadastre exists	✓
Romania	✓	
Russian Federation	✓	
San Marino	✓	
Serbia	✓	
Slovakia	✓	
Slovenia		✓
Spain	✓ A cadastral Graphical certificate if it is first inscription in property registry	✓
Sweden		✓ The description of a parcel in the land register is based on the property register which contains a map of each real property.
Switzerland	✓	
Turkey	✓	
United Kingdom		
<i>England & Wales</i>	✓	
<i>Northern Ireland</i>	✓	
<i>Scotland</i>	✓	

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

Section C

C3. Does the land administration system use:

Country	A Topographical Map	Other Plans or Maps Indicating, for Instance, Ownership Limits	A Combination of Both	A Special Cadastral Map
Albania				✓
Armenia				✓
Austria				✓
Azerbaijan	✓	✓		
Belarus			✓	✓
Bosnia & Herzegovina				✓
Bulgaria	✓	✓		
Canada				
<i>Alberta</i>		✓ (Plan or Survey or Descriptive Plan)		✓ Integrated Provincial and Urban Cadastral Map
<i>British Columbia</i>		✓		
<i>Manitoba</i>				
<i>New Brunswick</i>				✓
<i>Ontario</i>	See Question C.2.			
<i>Prince Edward Island</i>		✓		
<i>Saskatchewan</i>	For physical features only	Plans of survey or descriptive plans	✓	

Croatia				✓
Cyprus				✓
Czech Republic				✓
Denmark				✓
Estonia				✓
Finland				✓
France				✓
Germany				✓
Georgia	✓	✓		✓
Greece				✓
Hungary				✓
Iceland			✓	
Ireland	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.			
Italy				✓
Latvia			✓	✓
Liechtenstein				✓
Lithuania		✓		✓
Luxembourg	✓	✓		✓

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

Section C

C3. Does the land administration system use:

Country	A Topographical Map	Other Plans or Maps Indicating, for Instance, Ownership Limits	A Combination of Both	A Special Cadastral Map
FYRO Macedonia				✓
Malta	✓			
Republic of Moldova	✓	✓		✓
Netherlands				✓
Norway			✓	✓ mostly connected to topographic and land use map system
Poland				✓
Portugal				✓
Romania				✓
Russian Federation	✓	✓	✓	✓
San Marino				✓
Serbia				✓
Slovakia				✓
Slovenia				✓
Spain				✓

Sweden				✓ mostly connected to topographic and land use map system
Switzerland			✓	✓
Turkey				
United Kingdom				
<i>England & Wales</i>	✓			
<i>Northern Ireland</i>			✓	
<i>Scotland</i>	✓			

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?

Country	Less than 25%	Between 25% and 50%	Between 50% and 75%	Between 75% and 100%	100%
Albania				✓ ongoing project to update the map	
Armenia		✓			
Austria					✓
Azerbaijan					✓ (8,641,506 hectares)
Belarus	✓ (land parcels)				✓ (Mapped at 1:10000)
Bosnia & Herzegovina			✓		✓
Bulgaria					✓
Canada					
<i>Alberta</i>			✓ For titling purposes		✓ For other purposes
<i>British Columbia</i>				✓	
<i>Manitoba</i>					✓
<i>New Brunswick</i>					✓
<i>Ontario</i>					✓ Mapped to 1:50000 Majority 1:10000 and 1:20000. Topographical maps
<i>Prince Edward Island</i>					✓

			✓ For titling purposes		✓ For other purposes
<i>Saskatchewan</i>					
Croatia					✓
Cyprus					✓
Czech Republic					✓
Denmark					✓
Estonia					✓
Finland					✓
France					✓
Germany					✓
Georgia					✓
Greece	✓ This answer relates to the new cadastral map				
Hungary					✓
Iceland					✓
Ireland					✓
Italy					✓
Latvia					✓
Liechtenstein			✓		
Lithuania					✓
Luxembourg					✓
FYRO Macedonia					✓

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?

Country	Less than 25%	Between 25% and 50%	Between 50% and 75%	Between 75% and 100%	100%
Malta					✓
Republic of Moldova				✓	
Netherlands					✓
Norway					✓ (However all areas over the tree limit only in scale 1:50.000, showing no boundaries)
Poland					✓
Portugal			✓ with cadastral maps		✓ with topographic maps
Romania					✓ with topographic maps
Russian Federation					✓ In 1:25000 scale
San Marino					✓
Serbia				✓	
Slovakia					✓
Slovenia					✓
Spain					✓
Sweden					✓

Switzerland			✓	✓	
Turkey			✓		
United Kingdom					
<i>England & Wales</i>					✓
<i>Northern Ireland</i>					✓
<i>Scotland</i>					✓

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

Section C

C5. What scale is used?

Country	1:1000	1:2000	1:5000	1:10,000	1:50,000	1:1000,000	Other (please specify)
Albania	✓ (urban area)		✓ rural area cadastral map				1:2500 Rural Area Index map 1:25000 Forest area
Armenia	✓	✓	✓				
Austria	✓	✓	✓				
Azerbaijan		✓		✓	✓	✓	1:25000 (Mountain regions)
Belarus	✓	✓	✓	✓			
Bosnia & Herzegovina	✓		✓				1:500, 1:2500
Bulgaria	✓	✓	✓	✓			1:500
Canada							
<i>Alberta</i>							Cadastre Information is entered into a database. using co-ordinate geometry. Information can be accessed independent of scale or projection
<i>British Columbia</i>							combination of scales listed

<i>Manitoba</i>							All of these scales for plan registration
<i>New Brunswick</i>	✓						
<i>Ontario</i>							✓ Mapped to 1:50000
							Majority 1:10000 and 1:20000. Topographical maps
<i>Prince Edward Island</i>							Old Orthophotos 1:5000 New digital mapping – scale varies.
<i>Saskatchewan</i>							Topographical 1:50,000 and 1:250,000 Cadastral 1:1,000 to 1:10,000
Croatia	✓ (9%)	✓ (11%)	✓				
Cyprus	✓	✓	✓				1:500, 1:1250, 1:2500
Czech Republic	✓	✓	✓				1:1250, 1:1440, 1:2500, 1:2880 on older maps
Denmark	✓ (urban areas)	✓ (urban areas)			✓		1:4000 for cadastral maps in rural areas
Estonia		✓ (urban areas)			✓ (rural areas)		1:500 to 1:10000 cadastral parcel plans
Finland	✓ (detailed planned areas 1%)	✓ (detailed planned areas 1%)	✓ 75%		✓ 23%		
France	✓	✓	✓				1:1500
Germany	✓	✓					1:500 (urban areas)

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

Section C

C5. What scale is used?

Country	1:1000	1:2000	1:5000	1:10,000	1:50,000	1:100,000	Other (please specify)
Georgia							Different scales used on different areas
Greece	✓ urban areas		✓ rural areas	✓ forests			
Hungary	✓ (in inner parts of settlements using Unified Protection System)	✓ (in rural areas used by the new National cadastral Programme, otherwise 1:4000, both using the Unified Projection system)		✓ Topography			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
Iceland	✓ urban areas, towns and villages	✓ urban areas, towns and villages				✓ Topography	✓ Topography
Ireland				✓			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.

Italy	✓	✓					✓ 1:500, 1:4000
Latvia	✓ for urban areas	✓ for urban areas	✓ for urban and rural areas	✓	✓	✓	✓ 1:500, 1:250,000
Liechtenstein		✓	✓				✓ 1:500
Lithuania	✓ for urban areas	✓ for urban areas	✓ for rural areas	✓ for rural areas			
Luxembourg	✓		✓	✓ Topography	✓ Topography	✓ Topography	1:2500 (most)
FYRO Macedonia	✓		✓				1:2500 (most)
Malta	20%						1:2500 100%
Republic of Moldova		✓ intravillan	✓	✓			
Netherlands	✓ cadastral purposes & large scale base mapping	✓ cadastral purposes & large scale base mapping			✓ other purposes (military, roadmaps etc)	✓ other purposes (military, roadmaps etc)	
Norway	✓	✓	✓	✓	✓ (general topographic maps)		
Poland	✓	✓	✓				
Portugal	✓	✓	✓	✓			1:500
Romania	✓	✓	✓	✓	✓	✓	1:500, 1:25,000, 1:200,000, 1:500,000
Russian Federation	✓	✓	✓	✓	✓		1:200–1:1000 land parcel plans 1:500–1:100000 rural settlement cadaster maps 1:2000–1:5000 city suburbs, dachas, family farms cadaster maps 1:5000–1:25000 farm land cadaster maps

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

Section C

C5. What scale is used?

Country	1:1000	1:2000	1:5000	1:10,000	1:50,000	1:100,000	Other (please specify)
Russian Federation (cont.)							1:25000–1:50000 forest cadaster maps 1:50000–1:100000 deserts and tundra
San Marino	✓						
Serbia	✓		✓				✓ 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).
Slovakia	✓	✓	✓				✓ 1:2880 and derived scales
Slovenia	✓	✓	✓				✓ 1:2880, 1:1440, 1:5760, 1:500, 1:2500
Spain	✓	✓	✓	✓			✓ 1:500 to 1:1000 in urban areas (most in 1:1000) 1:5000 to 1:10000 in rural areas (most in 1:10000)

Sweden	✓	✓	✓				✓ down to 1:400 or 1:500 in some major cities. The most remote areas are done in the scale 1:20000.
Switzerland	✓	✓	✓	✓			✓ 1:500 Scale depends on 1) density of elements 2) land value
Turkey	✓	✓	✓				✓ 1:500
United Kingdom							
<i>England & Wales</i>				✓			1:1250 Urban 1: 2500 Rural 1: 10000 Mountain & Moorland
<i>Northern Ireland</i>							✓ 1:1250, & 1:2500
<i>Scotland</i>				✓			✓ 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:

Country	Not at All	Partly (please specify what percentage)	Completely
Albania		✓ 30% of base maps	
Armenia		✓	
Austria			✓
Azerbaijan			✓
Belarus		✓	
Bosnia & Herzegovina	✓		
Bulgaria		✓	
Canada			
<i>Alberta</i>			✓
<i>British Columbia</i>			✓
<i>Manitoba</i>		✓ 60,000 plans converted to images.	
<i>New Brunswick</i>			✓
<i>Ontario</i>	✓		
<i>Prince Edward Island</i>			✓
<i>Saskatchewan</i>		✓ All topographical is digital, all cadastral plans are handcopy but are compiled onto digital maps.	

Croatia	✓ (2%)	✓
Cyprus	✓ (10% We have started digitizing our cadastral plans. Full digital format will be available in ten years).	
Czech Republic	✓ (3% digital maps, 27% of point coordinates stored in digital format)	
Denmark		✓
Estonia		<ul style="list-style-type: none"> ✓ Cadastral map ✓ Base map ✓ Restrictions map
Finland	✓ 99.9%	A couple of city planned areas are still in analogue form
France	✓ 10%	
Germany	✓ 60–70% (vector-format)	
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

Section C

C6. Is this map held in digital format:

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

Russian Federation		✓	
San Marino			✓
Serbia		✓ Approximately 5% of Serbian territory is covered with digital cadastral maps.	
Slovakia		✓ 40% vector format	
Slovenia			✓
Spain		✓ To be finished in 2006. Nowadays 90% of rural area; 80% of urban areas. Available via web.	
Sweden		✓ 85%	
Switzerland		✓ 25%	
Turkey		✓	
United Kingdom			
<i>England & Wales</i>			✓
<i>Northern Ireland</i>			✓
<i>Scotland</i>			✓

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?

Country	No	Yes, Integrated with the Register of Ownership	Yes, as a Separate System Linked to the Register of Ownership	Yes, as a Separate System Not Linked to the Register of Ownership	Other (please specify)
Albania		✓			
Armenia		✓			
Austria			✓		
Azerbaijan		✓			
Belarus		✓			
Bosnia & Herzegovina		✓			
Bulgaria			✓		
Canada					
<i>Alberta</i>		✓		✓ (for Crown land)	
<i>British Columbia</i>	✓				
<i>Manitoba</i>		✓		✓ (for Crown land)	
<i>New Brunswick</i>		✓			
<i>Ontario</i>		✓			
<i>Prince Edward Island</i>		✓			
<i>Saskatchewan</i>			✓		

Croatia				✓	
Cyprus		✓			
Czech Republic		✓			
Denmark			✓		
Estonia			✓		
Finland			✓		
France		✓			
Germany			✓		
Georgia		✓			
Greece		✓			
Hungary					✓ A separate system linked to the register of ownership where digital cadastral maps are already available or numeric field measurements were taken, otherwise this data is available in graphical form
Iceland					✓ 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.
Ireland	✓				
Italy			✓		

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?

Country	No	Yes, Integrated with the Register of Ownership	Yes, as a Separate System Linked to the Register of Ownership	Yes, as a Separate System Not Linked to the Register of Ownership	Other (please specify)
Latvia			✓		
Liechtenstein			✓		
Lithuania		✓			
Luxembourg			✓		
FYRO Macedonia		✓			
Malta	✓				
Republic of Moldova		✓			
Netherlands			✓		
Norway			✓		
Poland			✓		
Portugal			✓		
Romania			✓		
Russian Federation		✓ before 1998	✓ after 1998		
San Marino		✓			

Serbia Serbia (cont.)					✓ DKP (Digital Cadastral Map) and DGP (Digital Geodetic Map) present
Slovakia		✓		✓	
Slovenia	✓				
Spain					✓ but coordinated with it
Sweden				✓	
Switzerland				✓	
Turkey					
United Kingdom					
<i>England & Wales</i>		✓			
<i>Northern Ireland</i>					
<i>Scotland</i>		✓	✓ (Land Register)		

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

Section C

C8. Is this system administered and maintained:

Country	At a National Level	At State or Province Level	At Regional or Local Level	Other (please specify)
Albania	✓			
Armenia	✓			
Austria	✓ Storage & administration		✓ Maintenance	Land Administration data are administered and maintained through Cadastral Offices (branches of BEV) and Local Courts.
Azerbaijan	✓		✓	
Belarus	✓			
Bosnia & Herzegovina			✓	
Bulgaria	✓		✓	
Canada				
<i>Alberta</i>		✓		
<i>British Columbia</i>		✓		
<i>Manitoba</i>		Examiner of Surveys Office examines plans and maintains information concerning parcel boundaries		
<i>New Brunswick</i>		✓		

Ontario		✓	✓	
Prince Edward Island		✓		
Saskatchewan		✓ Controller of surveys approves all plans in the province, once approved they can be used to change ownership records		
Croatia	✓			
Cyprus	✓			
Czech Republic	✓ (maintenance, supervision, central data base of digital data)		✓ (Cadastral offices in districts)	
Denmark	✓			
Estonia	✓			
Finland	✓ Central DB, supervision		✓ maintenance	
France	✓			
Germany			Cadastral authorities at regional level	
Georgia	✓			
Greece	✓			
Hungary	✓ Supervised and controlled by Ministry of Agriculture and Regional Development		✓ by the district and county land Offices	
Iceland	✓ Register of deeds		✓ Maps in scale 1:500 - 1:5000	
Ireland		✓		
Italy	✓			

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

Section C

C8. Is this system administered and maintained:

Country	At a National Level	At State or Province Level	At Regional or Local Level	Other (please specify)
Latvia			✓	
Liechtenstein	✓			
Lithuania	✓			
Luxembourg	✓			
FYRO Macedonia	✓ Supervision and Storage		✓ Maintenance	
Malta				Offices in the provinces
Republic of Moldova	✓ (proposal)		✓ (proposal)	
Netherlands	✓			Offices in the provinces
Norway			✓	
Poland			✓	
Portugal	✓		✓	
Romania			✓	
Russian Federation	✓ Administered	✓ Administered	✓ Maintained	
San Marino	✓			

Serbia	✓ Administration and supervision		✓ Local Real Estate Cadastre Offices are legally responsible to maintain, i.e. to collect and update data, of DKP and DGP databases.	
Slovakia	✓ Supervision, central database of digital data		✓ Cadastral offices in districts	
Slovenia	✓ Supervised and controlled by surveying and mapping authorities of the Republic of Slovenia		✓ Maintained	
Spain	✓			
Sweden	✓		✓	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).
Switzerland		✓	✓	
Turkey	✓			
United Kingdom				
<i>England & Wales</i>	✓			
<i>Northern ireland</i>	✓			
<i>Scotland</i>	✓			

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?

Country	Estimated Number of Land Parcels
Albania	3.2 million
Armenia	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
Austria	11 million
Azerbaijan	At present - about 9,000. This number increased every year.
Belarus	20,000,000
Bosnia & Herzegovina	8,700,000
Bulgaria	About 6 million
Canada	
<i>Alberta</i>	1.9 million fee simple titles (plus unpatented land – approximately 55% of province is unpatented)
<i>British Columbia</i>	Approx 2.2 million
<i>Manitoba</i>	678,000 private
<i>New Brunswick</i>	510,000
<i>Ontario</i>	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
<i>Prince Edward Island</i>	85,000
<i>Saskatchewan</i>	2.5 million

Croatia	18 million
Cyprus	2,200,000
Czech Republic	23 million
Denmark	2,2 million – The number of Real Properties is approximately 1.9 million. A Real Property may consist of more than one land parcel
Estonia	Estimated Number of Land Parcels 700,000
Finland	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.
France	100 million
Germany	61.3 million
Georgia	4 million
Greece	15–18 million
Hungary	1994 - Land Parcels 7,472,379, Independent real properties i.e flats 1,077,449 (countryside) about 1 million in the capital
Iceland	74,000
Ireland	2,700,000
Italy	78,000,000
Latvia	578,000
Liechtenstein	35,000
Lithuania	2.5 million
Luxembourg	730,000
FYRO Macedonia	4.1 million
Malta	
Republic of Moldova	1 million – intravillan, 4 million extravillan
Netherlands	8 million

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?

Country	Estimated Number of Land Parcels
Norway	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
Poland	29,000,000
Portugal	About 17,000,000 parcels, including each autonomous fraction
Romania	About 40,000,000 parcels
Russian Federation	46.4 million
San Marino	25,610
Serbia	There are approximately 21 million of parcels
Slovakia	5,000,000 physically existing in the nature + 12,000,000 original Legal Land Parcels
Slovenia	5,200,000
Spain	41,700,000 rural parcels 11,000,000 urban parcels; 30,000,000 urban properties
Sweden	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)
Switzerland	4 million
Turkey	50,000,000
United Kingdom <i>England & Wales</i>	23 million
<i>Northern Ireland</i>	
<i>Scotland</i>	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.

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

Section C

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

Country	Estimated Number of Land Parcels Registered and Recorded
Albania	1,700,000 (up to December 1996)
Armenia	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
Austria	100%
Azerbaijan	4,250 (main land users)
Belarus	250,000
Bosnia & Herzegovina	8,700,000
Bulgaria	
Canada	
<i>Alberta</i>	100%
<i>British Columbia</i>	Approx 2.2 million
<i>Manitoba</i>	
<i>New Brunswick</i>	135,000 of the 510,000 parcels have been converted to Land Titles
<i>Ontario</i>	Approximately 4.7 million
<i>Prince Edward Island</i>	85,000
<i>Saskatchewan</i>	The information will be available in the new system but not available yet
Croatia	App. 15 million

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

Section C

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

Country	Estimated Number of Land Parcels Registered and Recorded
Cyprus	2,090,000
Czech Republic	80% of 23 million is recorded in computerised format, in 1998 it will be 100%
Denmark	All parcels
Estonia	490,000
Finland	All real estates (register units) have been registered in the Land Register as well as in the Cadastre; parcels are de-scribed in the Cadastre as spatial objects
France	100 million
Germany	61.3 million (all parcels)
Georgia	
Greece	in operating cadastral offices: 276.000, currently under cadastral surveys: 1.625.000
Hungary	100%
Iceland	74.000
Ireland	2.2 million registered parcels
Italy	78,000,000
Latvia	99% - From total number of land parcels are registered in cadastre registers. In Landbooks % registered 46%
Liechtenstein	All parcels
Lithuania	1.45 million
Luxembourg	Not available

FYRO Macedonia	4.0 million
Malta	
Republic of Moldova	–
Netherlands	100%
Norway	100% of real properties are registered in the alphanumeric part of the Cadastre. Approximately 90% of the parcels are mapped, and with various precision
Poland	29.000.000
Portugal	2,055,000 parcels
Romania	About 15,000,000 parcels registered
Russian Federation	28.2 million
San Marino	25,610
Serbia	All 21 million parcels are registered, but some in digital format and some still as paper records.
Slovakia	100%
Slovenia	5,200,000
Spain	41,700,000 rural parcels 11,000,000 urban parcels; 30,000,000 urban properties
Sweden	3.2 million properties (real property units, not parcels, being the registration unit)
Switzerland	3.5 million
Turkey	30,923,672
United Kingdom	
<i>England & Wales</i>	19,736,297
<i>Northern Ireland</i>	
<i>Scotland</i>	1.1 million (Land Register)

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 determined new registered boundaries on new developments

Country	Yes	No
Albania		✓ Some parcel corners will be surveyed by total stations and GPS
Armenia	✓	
Austria	✓	
Azerbaijan	✓	
Belarus	✓	
Bosnia & Herzegovina	✓	
Bulgaria	✓	
Canada		
<i>Alberta</i>	✓	(Descriptive Plans can be filed in some circumstances)
<i>British Columbia</i>	✓	
<i>Manitoba</i>	✓ (in some circumstances this can be waived)	
<i>New Brunswick</i>		✓
<i>Ontario</i>	✓	
<i>Prince Edward Island</i>		✓
<i>Saskatchewan</i>	✓	Some exceptions are allowed but a description must be filed
Croatia	✓	

Cyprus	✓	
Czech Republic	✓	
Denmark	✓	
Finland	✓	
Estonia	✓	
France	✓	
Germany	✓	
Georgia		✓
Greece	✓	
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		✓ (only approximate pom. \pm 2.5 m approx for new development)
Republic of Moldova	✓	
Netherlands	✓	

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 determined new registered boundaries on new developments

Country	Yes	No
Norway	✓But with some exceptions. Isolated plots in rural and remote areas may be approximately located on maps only, without field surveying	
Poland	✓	
Portugal		✓
Romania	✓	
Russian Federation	✓	
San Marino	✓	
Serbia	✓	
Slovakia	✓	
Slovenia	✓	
Spain		✓
Sweden	✓	
Switzerland	✓	
Turkey	✓	
United Kingdom		
<i>England & Wales</i>		✓
<i>Northern Ireland</i>		✓
<i>Scotland</i>		✓

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

Section C

C12. Are the registered parcel boundaries defined:

Country	Precisely (by measurement from a framework of co-ordinates or geodetic reference)	In General Terms on a Topographical Map
Albania		✓
Armenia	✓	
Austria	✓	
Azerbaijan	very rare	in the main
Belarus	✓	
Bosnia & Herzegovina	✓	
Bulgaria	✓	
Canada		
<i>Alberta</i>	✓	
<i>British Columbia</i>	✓	
<i>Manitoba</i>	✓	
<i>New Brunswick</i>	✓ Most new plans created are based on a co-ordinated plan of survey	
<i>Ontario</i>	✓	
<i>Prince Edward Island</i>	✓ *(combination of both)	✓ *
<i>Saskatchewan</i>	✓	
Croatia	✓	

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

Section C

C12. Are the registered parcel boundaries defined:

Country	Precisely (by measurement from a framework of co-ordinates or geodetic reference)	In General Terms on a Topographical Map
Cyprus	✓	✓
Czech Republic	✓	
Denmark	✓	
Estonia	85%	15%
Finland	✓	
France	✓	
Germany	✓	
Georgia	✓	
Greece	✓	
Hungary	✓ By measurement from a framework of co-ordinates or geodetic reference	
Iceland	✓ In towns, using local coordinate systems	✓ In rural areas all kinds of recording is used
Ireland	The Land Registry operates under the non conclusive boundary system boundary system which was adopted under the Registration of Title Act, 1964	
Italy	✓	
Latvia	✓ (urban areas) and partly in rural areas	✓ (rural areas)
Liechtenstein	✓	
Lithuania	70%	30% (using simplified surveying methods)

Luxembourg	✓	
FYRO Macedonia	✓	
Malta		
Republic of Moldova	✓	✓
Netherlands	✓	
Norway	✓ 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	
Poland	✓	
Portugal	✓	
Romania	✓ Parcels registered after 1 July 1999 *	✓ *
Russian Federation	In general terms at primary registration. Precise measurements are required in the event of a change of owner	
San Marino	✓	
Serbia	✓	
Slovakia	✓	
Slovenia	✓	
Spain	✓	
Sweden	✓	
Switzerland	✓	
Turkey	✓	
United Kingdom		
<i>England & Wales</i>		✓
<i>Northern Ireland</i>		✓
<i>Scotland</i>		✓

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:

Country	Land Surveys	Aerial Photogrammetry	Other Methods (please provide brief details)
Albania	✓	✓	✓ Total stations, GPS
Armenia	✓		
Austria	✓	✓	✓ GPS
Azerbaijan	✓	✓	
Belarus	✓	✓	
Bosnia & Herzegovina	✓	✓	
Bulgaria	✓	✓	
Canada			
<i>Alberta</i>	✓		
<i>British Columbia</i>	✓		
<i>Manitoba</i>	✓	✓ (are not used for titles boundaries)	✓ GPS, satellite imaging
<i>New Brunswick</i>	✓		
<i>Ontario</i>	✓	✓	✓ GPS
<i>Prince Edward Island</i>	✓		
<i>Saskatchewan</i>	✓	✓	✓ GPS, remote sensing

Croatia	✓		✓	
Cyprus			✓	
Czech Republic	✓		✓ (restricted numbers only)	
Denmark	✓		✓	✓ GPS
Estonia	✓		✓	✓ GPS, allocation of boundaries (Simplified method)
Finland	✓		✓ for improving the quality of the digital cadastral index map	✓ GPS
France	✓		✓	
Germany	✓		✓ only in a few cases	✓ GPS methods
Georgia	✓		✓	✓ Satellite images
Greece	✓		✓	✓ GPS, satellite mapping, total stations
Hungary	✓ N B. The new National Cadastre Programme will use a total of seven technologies according to circumstances			
Iceland	✓ In towns		✓ In towns	✓ In rural areas sometimes aerial photos
Ireland	When necessary the Land Registry would complete land surveys of registered boundaries by qualified staff.			
Italy	✓		✓	✓ GPS methods
Latvia	✓		✓	✓
Liechtenstein	✓			
Lithuania	✓			✓ (simplified methods)
Luxembourg	✓			

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:

Country	Land Surveys	Aerial Photogrammetry	Other Methods (please provide brief details)
FYRO Macedonia		✓	
Malta	✓	✓	
Republic of Moldova	✓	✓	✓ updating of existing maps
Netherlands	✓	✓	✓ GPS
Norway	✓	✓ (less than 1%)	✓ GPS
Poland	✓		✓
Portugal	✓	✓	✓ GPS
Romania	✓	✓	✓ GPS
Russian Federation	✓	✓	✓ GPS
San Marino	✓		
Serbia	✓	✓	✓ GPS (according to bylaw Rules for application of GPS technology within Real Estate Survey)
Slovakia	✓	✓	✓ GPS
Slovenia	✓	✓ As a help by maintaining digital cadatral maps	✓ GPS
Spain	✓	✓	✓ Orthoimagery

Sweden	✓	✓	✓ GPS
Switzerland	✓	✓	✓ GPS. Orthophoto maps
Turkey	✓	✓	
United Kingdom			
<i>England & Wales</i>	✓	✓	✓ GPS
<i>Northern Ireland</i>	✓		
<i>Scotland</i>	✓	✓	✓ GPS

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

Country	By Any Member Of The Public Without Restriction	By Any Member Of the Public With Restrictions in the Level Of Access	By Professional Parties Only	By Other Groups (please specify)
Albania		✓		
Armenia		✓		
Austria	✓			
Azerbaijan			✓	
Belarus			✓	
Bosnia & Herzegovina	✓			
Bulgaria		✓		
Canada				
<i>Alberta</i>	✓			
<i>British Columbia</i>	✓			
<i>Manitoba</i>	✓			
<i>New Brunswick</i>		✓		
<i>Ontario</i>	✓			
<i>Prince Edward Island</i>		✓		

Saskatchewan	✓			
Croatia	✓			
Cyprus				By interested parties with restrictions in the level of access.
Czech Republic	✓			
Denmark	✓			
Estonia	✓			
Finland	✓			
France	✓			
Germany	✓ (Restrictions only in the access of measurement results and of personal data)			✓ eg licensed surveyors, private engineering agencies with restrictions.
Georgia	✓			
Greece	✓ (not the personal data)	✓ (not the personal data)		✓ (not the personal data)
Hungary	✓ In the case of the cadastral map sheet or hardcopy			✓ In the case of surveying measurements, numeric and digital data sets
Iceland	✓			
Ireland				The survey data would be available to any party directly involved, when the boundary was surveyed by Land Registry staff.
Italy	✓			
Latvia	✓			

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

Country	By Any Member Of The Public Without Restriction	By Any Member Of the Public With Restrictions in the Level Of Access	By Professional Parties Only	By Other Groups (please specify)
Liechtenstein		✓		
Lithuania	✓			
Luxembourg	✓			
FYRO Macedonia	✓			
Malta				
Republic of Moldova		✓		
Netherlands	✓			
Norway	✓			
Poland		✓		
Portugal		✓		
Romania		✓ Restricted only for specific destination area, against charges.		
Russian Federation			✓	
San Marino	✓			
Serbia	✓			

Slovakia	✓			
Slovenia		✓		
Spain	✓			
Sweden	✓			
Switzerland	✓			
Turkey		✓		
United Kingdom				
<i>England & Wales</i>	✓			
<i>Northern Ireland</i>	✓			
<i>Scotland</i>	✓			

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

Section C

C15. Are the map records held

Country	In a Computerised Format (indicate percentage coverage)	As Paper / Manual Records	In a Combination of Both
Albania		✓ A little in digital format	
Armenia			✓
Austria	✓ 100% digital		
Azerbaijan		✓	
Belarus			✓
Bosnia & Herzegovina		✓	
Bulgaria			✓
Canada			
<i>Alberta</i>	✓ 100% digital		
<i>British Columbia</i>	✓		
<i>Manitoba</i>	✓ (satellite imaging)	✓ (land title plans)	Papes (mylar) prints converted from paper to imaged system on registration. (Land title plans)
<i>New Brunswick</i>	✓		
<i>Ontario</i>		✓	
<i>Prince Edward Island</i>	✓ (digital)	✓ (plastic orthos)	
<i>Saskatchewan</i>	✓ proposed 100% for primary and secondary surveys	✓ GIS imaged	

Croatia		✓	✓
Cyprus		✓	✓
Czech Republic	✓ (3 % digital maps, 27% point coordinates are in a computerised format)	✓ (70% of all maps)	✓
Denmark	✓ 100%		
Estonia	✓ 99.9% of all registered parcels		✓
Finland	✓ 100%		✓ Some few detail planned areas for which municipalities are responsible are not yet computerised
France			✓
Germany	✓ 60 to 70%	✓	✓
Georgia			✓
Greece	✓ 100%		
Hungary	✓ 100% in the Capital, less than 10% in the countryside. NB The main task of the new National Cadastral Programme is to accelerate the production of digital maps	✓ 90% in the countryside	✓
Iceland			✓
Ireland			To date all records are held in paper format.
Italy			✓
Latvia	✓	✓ Maps what were made in previous times	✓
Liechtenstein		✓	✓
Lithuania			✓

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

Section C

C15. Are the map records held

Country	In a Computerised Format (indicate percentage coverage)	As Paper / Manual Records	In a Combination of Both
Luxembourg			✓
FYRO Macedonia	✓ 20% Vector, 80% Raster	✓	
Malta			
Republic of Moldova			✓
Netherlands	✓ 100%		
Norway	✓ 50%	✓ 50%	
Poland			✓
Portugal	✓	✓	
Romania	✓ less than 5%	✓	✓
Russian Federation	✓ 15%		✓ 100%
San Marino	✓		
Serbia	✓ 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.		✓
Slovakia	✓ 40%		

Slovenia ✓ 100%

Spain ✓ 80% urban 90% rural

Sweden ✓ 100%

Switzerland ✓ 25%

Turkey ✓ 20%

United Kingdom

England & Wales ✓ 100%

Northern Ireland ✓

Scotland

✓ Remainder kept in paper format

✓ 75%

✓

✓

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

Section C

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

Country	Not at All	In conjunction with Government Employees	Completely
Albania			✓
Armenia			✓
Austria			✓
Azerbaijan			
Belarus		✓	
Bosnia & Herzegovina		✓	
Bulgaria		✓	
Canada			
<i>Alberta</i>			✓ Government establishes standards under legislation/regulation,
<i>British Columbia</i>			✓
<i>Manitoba</i>			✓ Primarily private companies, complete plans. Some registrations are completed by government
<i>New Brunswick</i>		✓	
<i>Ontario</i>			✓
<i>Prince Edward Island</i>			✓

Saskatchewan			✓ private companies are used except for surveys of highways and for the primary survey.
Croatia		✓	
Cyprus	✓		
Czech Republic			✓
Denmark			✓ by Licensed Land Surveyors in private practice.
Estonia			✓
Finland	✓		
France		✓	
Germany	✓ (not at all in Bavaria)	Cadastral authorities as well as licensed surveyors in all states except Bavaria	
Georgia		✓	
Greece			✓
Hungary		✓ This is the recent position due to the campaign of the execution of the Land Compensation Act	
Iceland		✓	
Ireland			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.
Italy		✓	

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

Section C

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

Country	Not at All	In conjunction with Government Employees	Completely
Latvia		✓	
Liechtenstein		✓	
Lithuania		✓	
Luxembourg		✓	
FYRO Macedonia	✓		
Malta			
Republic of Moldova			✓
Netherlands	✓		✓ Contracting out the technical land survey
Norway		✓ Private companies are contracted by the municipalities to undertake cadastre surveys, but this option is only used for 5% of cases	✓
Poland			✓
Portugal	✓ in the old cadastre	✓ in the new cadastre	
Romania		✓	
Russian Federation		✓ 5000 private companies	
San Marino	✓		

Serbia			✓ According to Law, government employees execute surveying tasks only if there is no private company(s) interesting in doing offered job(s).
Slovakia			✓
Slovenia			✓
Spain		✓	
Sweden	✓		
Switzerland			✓
Turkey		✓	
United Kingdom			
<i>England & Wales</i>		✓	
<i>Northern Ireland</i>	✓		
<i>Scotland</i>		✓	

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?

Country	Separate Parcels Surveyed last year as a Result of Physical Changes
Albania	No information
Armenia	These records are not held in the system separately
Austria	100,000 parcels
Azerbaijan	None
Belarus	No information supplied
Bosnia & Herzegovina	No information supplied
Bulgaria	No information supplied
Canada	
<i>Alberta</i>	10,300 plans of survey registered
<i>British Columbia</i>	Approx 10,000
<i>Manitoba</i>	Approx 1,200 plans
<i>New Brunswick</i>	Parcels surveyed due to physical changes are not tracked – Approximately 3500 ± plans which create 5000 ± new parcels are filed each year.
<i>Ontario</i>	This information is not maintained by the land registration system
<i>Prince Edward Island</i>	Approx 700 subdivision plans filed
<i>Saskatchewan</i>	Approx 200 due to water body changes
Croatia	Not available

Cyprus	In 1995, 5,000 new parcels have been created as a result of subdivision applications.
Czech Republic	More than 100,000 survey sketches were made. (one sketch could deal with one or more land parcel changes)
Denmark	15,000 (8,000 new real properties were created)
Estonia	31,000
Finland	30,000
France	320,000
Germany	About 230.000
Georgia	None
Greece	very small number, no data available
Hungary	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)
Iceland	Not known
Ireland	It is not the function of the Land Registry to check the boundary detail as shown on the ground.
Italy	About 350,000
Latvia	60.000
Liechtenstein	Data not available
Lithuania	150.000
Luxembourg	No information
FYRO Macedonia	45,000
Malta	
Republic of Moldova	1,000
Netherlands	176,000

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 ?

Country	Separate Parcels Surveyed last year as a Result of Physical Changes
Norway	40.000
Poland	lack of information
Portugal	About 1500 parcels
Romania	354,334 in 2003
Russian Federation	Data not available
San Marino	Data not available
Serbia	
Slovakia	This information is not available
Slovenia	About 150,000
Spain	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.
Sweden	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.
Switzerland	35,000 (This is rough estimate as no detailed statistics are maintained)
Turkey	66,115
United Kingdom	
<i>England & Wales</i>	Not available
<i>Northern Ireland</i>	Not available
<i>Scotland</i>	Not available

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

Country	By Government Funding %	By Fees for Services	By Other Means (please specify)	Total 100%
Albania	As the system has just started the first registration is funded by government and donors. In the future it will be financed jointly by government funding and fees for services			
Armenia	5	25 (current activity 100%)	75 (FTR – donor assistance 100%)	100
Austria	Cadastral field survey is practically done by private licensed surveyors. A fee is charged for any application for changing records at Cadastre or Land Registry. This fee shall cover the direct costs.			100
Azerbaijan	100			100
Belarus	95	5		100
Bosnia & Herzegovina	84	10	6	100
Bulgaria	95		5	
Canada				
<i>Alberta</i>		100% by owners (Fees)		
<i>British Columbia</i>			100% by owner when subdividing property	100

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

Country	By Government Funding %	By Fees for Services	By Other Means (please specify)	Total 100%
<i>Manitoba</i>	Public Works Plans, highways water control 10%	Private plans, subdivisions, parcel plans 85%	5% (Special plot plans financed by the Agency. Plan remonumentation funded 50% by agency and 50% by Municipality)	100
<i>New Brunswick</i>	Highway and Public lands – 10%	Private subdivisions and survey plans – 90%		100
<i>Ontario</i>			100 (user fees)	100
<i>Prince Edward Island</i>		100		100
<i>Saskatchewan</i>	Primary Surveys and 5% secondary are financed by the Government	95% of Secondary surveys are financed by private individuals		100
Croatia	40		60 Local level, public companies	100
Cyprus	40	60		100
Czech Republic	100% of land parcel registering		Surveys of physical land parcel changes are financed by owners, only surveys of land parcels restituted to original owners are paid by the State.	100
Denmark		100		100
Estonia	100% of land parcel registering financed by Government Funding		Surveys of physical land parcel changes are financed by owners, only surveys of land parcels restituted to original owners are	100

Estonia (cont.)			paid by the State. 100% of land parcel registering financed by Government Funding	
Finland	25	75		100
France			100 by ownerships	100
Germany 1.National Survey 2.Parcel Boundaries	100	100 (by the owner)		100
Georgia		50	50 Donors financed initial registration	100
Greece	100 Government and EC funding for the establishment of the project			100
Hungary	90 Surveying works are generally supported by the government with the exception of the division of land parcels	7	3 Surveying activities related to the privatisation of the cooperative lands is financed by the interested parties	
Iceland	60	40		100
Ireland	The Ordnance Survey is the national mapping agency and are responsible for mapping the country, This is financed by government funding and partly by OSi.			100 100 100
Italy	100			100
Latvia	5	95		100
Liechtenstein	100			100
Lithuania	25	75		100

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

Country	By Government Funding %	By Fees for Services	By Other Means (please specify)	Total 100%
Luxembourg				100
FYRO Macedonia	100			
Malta	100			100
Republic of Moldova	40	10	50	100
Netherlands		100		100
Norway	70	30		100
Poland	lack of information	lack of information		
Portugal	93	7		100
Romania	100% for systematic cadastre	100% for sporadic information		
Russian Federation	100	70*		
San Marino	100			100
Serbia	100			100
Slovakia	100			100
Slovenia	50	50		100
Spain	100			100

Sweden	5	95		100
Switzerland	92% (Federal 10 - 90% Cantonal approx half of rest Communal approx half of rest)	10		
Turkey	85	15		100
United Kingdom				
<i>England & Wales</i>	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			
<i>Northern Ireland</i>	100			100
<i>Scotland</i>	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			

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

Section C

C19. What was the total cost last year of:

Country	The Maintenance of the National Survey and Recording of Parcel Boundaries in your Country	Investing in Further Developments
Albania	No information	
Armenia	Nearly 1,500,000	Nearly 1,000,000
Austria	64 million US\$ (Federal Cadastre)	
Azerbaijan	133,685 thousand Manat	179,859 thousand Manat
Belarus	No information	
Bosnia & Herzegovina	No information supplied	
Bulgaria		
Canada		
<i>Alberta</i>	\$1m Can	
<i>British Columbia</i>	Not available	
<i>Manitoba</i>	Approx. \$400,000 Can	
<i>New Brunswick</i>	Not available	
<i>Ontario</i>	-	-
<i>Prince Edward Island</i>	Property Mapping - 100,000	GIS
<i>Saskatchewan</i>	Not available today but will be available in the new system	
Croatia	DEM 6.5 mil.	DEM 12 mil.
Cyprus	CY £4,000,000	CY £2,700,000

Czech Republic	(The answers were included in Section B Question 12 but were not observed separately)	
Denmark	80 million DKR (14 million \$US) (Licensed Land Surveyors in private practice not included)	
Estonia	-	-
Finland	€54 million	€2 million
France	Not supplied	
Germany	Unknown	Unknown
Georgia		
Greece	no data available	no data available
Hungary	1,500 million HUF	1,300 million HUF
Iceland	120 million IKR (1.7 million USD)	18 million IKR (0.25 million USD)
Ireland		
Italy	-	
Latvia	Is not distributed from total budget of SLS	453,000 Ls
Liechtenstein	-	-
Lithuania	LTL 45 million (EUR 13 million)	LTL 3 million (EUR 870,000)
Luxembourg		
FYRO Macedonia	200,000 US\$	
Malta	£Stg 200,000 for maintaining national survey	£Stg. 150,000
Republic of Moldova	See B.12 (1997)	
Netherlands	€60 million	
Norway	200.000.000 Norw. Kroner	25.000.000 Norw. Kroner

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

Section C

C19. What was the total cost last year of:

Country	The Maintenance of the National Survey and Recording of Parcel Boundaries in your Country	Investing in Further Developments
Poland		
Portugal	Not available	
Romania	No data available	
Russian Federation	Not supplied	
San Marino		Data not available
Serbia		
Slovakia	The required costs are already included in costs mentioned in part B.12 and it is impossible to specify them separately.	
Slovenia	700,000 EUR (State Budget)	1,550,000 EUR
Spain	Cadastral Organisation Budget for 2004 ia about 120,202,421 EUR	
Sweden	400 MSEK	30 MSEK
Switzerland	95 million SFr. (approximation - no detailed records)	80 million SFr.
Turkey	13,621,117 \$US	1,294,118 \$US
United Kingdom <i>England & Wales</i> <i>Northern Ireland</i> <i>Scotland</i>	Cost of national survey in 2002 for England, Wales and Scotland – £60 million	National Surveys (OS) for England, Wales and Scotland – £20 million

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

Section C

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

Country	List of Main Regulations or Legislation Under Which the Topographical Cadastral Survey or Parcel and Boundary Recording is Administered
Albania	Regulation of Council of Ministers 1974
Armenia	<ol style="list-style-type: none"> 1. The Law on 'State Registration of Rights on Real Property' 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' 3. Regulation on implementation of cadastral mapping activities
Austria	Federal Surveying Law
Azerbaijan	Resolutions of the Cabinet of the Republic of Azerbaijan: No 239, 31/07/91 and No 34, Article 24.01, 1992
Belarus	Registration Law
Bosnia & Herzegovina	Zakono Finasiranjn Premjera i Katastra Nekretnina (Law about Surveying and Real Estate Financing)
Bulgaria	Law on Cadastre (Its by Law), Law on Ownership and use of Agricultural land; (its by law); Law on Court Authority, Law on Ownership
Canada	
<i>Alberta</i>	Surveys Act, Land Titles Act
<i>British Columbia</i>	Numerous
<i>Manitoba</i>	The Surveys Act, The Real Property Act, The Special Surveys Act
<i>New Brunswick</i>	Surveys Act, ANBLS Act

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

Section C

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

Country	List of Main Regulations or Legislation Under Which the Topographical Cadastral Survey or Parcel and Boundary Recording is Administered
<i>Ontario</i>	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.
<i>Prince Edward Island</i>	None supplied
<i>Saskatchewan</i>	The Land Titles Act 2000, The Land Surveys Act 2000, and Regulations; The Land Surveyors Act, The Condominium Act.
Croatia	Zakon o geodetskoj izmjeri i katastru zemljista (The Law of Geodesy and Cadastre) Regulations that belong to The Law of Geodesy and Cadastre
Cyprus	The main legislation is: The Immovable Property (Tenure, Registration and Valuation) Law Cap. 224.
Czech Republic	Cadastral Act 344/1992 in amended wording; Act 359/1992 about surveying, mapping and cadastral bodies in amended wording; Survey Act 200/1994; Regulations 190/1996 of the Czech Office for Surveying, Mapping and Cadastre.
Denmark	The Law of Subdivision and other Registration in the Cadastre.
Estonia	Land Cadastre Act; Land Readjustment Act; and internal regulations
Finland	Act and Ordinance on Cadastral Surveys and Regulations given by the NLS
France	
Germany	Surveying and Cadastre Acts of the States of FRG (Länder)
Georgia	Law on Geodesic and Cartographic Activities – 28 Apr, 1998. Presidential Decree # 48 dated 12 Feb., 2001 on Adoption of Charter for Geodesic Supervision Law on Land Registration - 1996 Nov. 14
Greece	L2308/1995 cadastral surveys for National Cadastre, L3127/2003

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-Ministry 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.

Italy

The law R.D. nr. 2153/1938. Guidline for surveying and conventional graphic representation of cadastral maps 1970.

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

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

Section C

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

Country	List of Main Regulations or Legislation Under Which the Topographical Cadastral Survey or Parcel and Boundary Recording is Administered
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)
Poland	1. Act of the 17th of May 1989 - Geodetic and Cartographic Law. 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). 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

Russian Federation	Not Supplied
San Marino	The relevant laws are the following: Law n.83/1981, n.84/1981, n.85/1981, n.86/1981, n.87/1981 and n.88/1981. The above-mentioned laws were all passed on 29th October, 1981. With regard to the norms regulating the activities of the Land Registry Office, see also Law n.28 of 25th September, 1950, Law n.10 of 16th July, 1951, Law n.30 of 27th November, 1952, and Law n.31 of 24th February, 1953.
Serbia	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 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) 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)
Slovakia	Act No. 162/1995 Coll. about the real estate cadastre and entries of ownership and other rights to the real estates + subsequent Decree No. 79/1996 Coll. Act No. 215/1995 Coll on geodesy and cartography + subsequent Decree No. 178/1996 Coll.
Slovenia	Real Estate, National Border and Spatial Units, Registration Bill (Official Gazette of the Republic of Slovenia No: 55/2000) Geodetic Activity Act (Official Gazette of the Republic of Slovenia No: 8/2000)
Spain	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
Sweden	Jordabalken (Land Code) Fastighetsbildningslagen (Real Property Formation Act) Lag om fastighetsregister (Real property Register Act.) Förordning om fastighetsregister (Real Property Register Ordinance) Mätningkungörelsen (Survey Regulation Ordinance)
Switzerland	Swiss Civil Law (Zivilgesetzbuch ZGB) Ordinance for Official Surveying (Verordnung über die amtliche Vermessung VAV) Technical Ordinance for Official Surveying (Technische Verordnung über die amtliche Vermessung TVAV)

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

Section C

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

Country	List of Main Regulations or Legislation Under Which the Topographical Cadastral Survey or Parcel and Boundary Recording is Administered
Turkey	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).
United Kingdom	
<i>England & Wales</i>	Ordnance Survey Act 1841, OS Framework Document
<i>Northern Ireland</i>	
<i>Scotland</i>	Ordnance Survey Act 1841, OS Framework Document

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

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

Country	Yes	No
Albania		
Armenia	✓	
Austria	✓	
Azerbaijan	✓	
Belarus	✓	
Bosnia & Herzegovina	✓	
Bulgaria		
Canada		
<i>Alberta</i>		(administered by local municipalities)
<i>British Columbia</i>	✓	
<i>Manitoba</i>	✓ (Administered through municipalities)	
<i>New Brunswick</i>	✓	
<i>Prince Edward Island</i>	✓	
<i>Saskatchewan</i>	✓	
Croatia	✓	
Cyprus	✓	
Czech Republic	✓	

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

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

Country	Yes	No
Denmark	✓	
Estonia	✓	
Finland	✓	
France	✓	
Germany	✓	
Georgia	✓	
Greece	✓	
Hungary	✓ For selected agricultural and forest categories in 9 different classes: arable land, garden, orchard, vineyard, meadow, pasture, forest, reed, fishpond.	
Iceland	✓ used primarily for tax assessment purposes.	
Ireland		✓
Italy	✓	
Latvia	✓	
Liechtenstein	✓	
Lithuania	✓	
Luxembourg		
FYRO Macedonia	✓	

Malta		✓
Republic of Moldova		✓
Netherlands		✓
Norway	✓ but only for arable land and forest	
Poland		✓
Portugal		✓
Romania	✓ (only a limited classification for cadastre use)	
Russian Federation		✓
San Marino		✓
Serbia		✓
Slovakia		✓
Slovenia		✓
Spain		✓
Sweden	✓ Used primarily for tax assessment purposes	
Switzerland		✓
Turkey		✓
United Kingdom		
<i>England & Wales</i>		✓
<i>Northern Ireland</i>		✓
<i>Scotland</i>		✓

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:

Country	National Ministry	Regional or Local Government	Research Institute	Other (please specify)
Albania				
Armenia				✓The State Committee of the Real Property Cadastre of the Government of the Republic of Armenia
Austria	✓			
Azerbaijan	NLC and Azgipromzem		The Academy of Science	
Belarus	✓			National Cadastral Agency
Bosnia & Herzegovina		✓		
Bulgaria				
Canada				
<i>Alberta</i>		✓		
<i>British Columbia</i>		✓		
<i>Manitoba</i>		Provincial and Municipal jurisdictions		
<i>New Brunswick</i>				Assessment Branch (SNB)
<i>Prince Edward Island</i>	Provincial and Municipal jurisdictions			
<i>Saskatchewan</i>		✓		
Croatia	✓ State Geodetic Administration	✓ Cadastral offices		

Cyprus				✓ 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.
Czech Republic	✓			
Denmark	✓			
Estonia	✓			
Finland				✓ the NLS
France	✓			
Germany		✓ communities		
Georgia	✓			
Greece	✓			
Hungary	✓			
Iceland				The Valuation Office of Iceland (Fasteignamat ríkisins)
Ireland				
Italy	✓			
Latvia				✓ State Land Service of the Republic of Latvia
Liechtenstein	✓			
Lithuania	✓			
Luxembourg				
FYRO Macedonia				✓ State Authority for Geodetic Works
Malta				

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:

Country	National Ministry	Regional or Local Government	Research Institute	Other (please specify)
Republic of Moldova	✓		✓	
Netherlands			✓	
Norway				
Poland	✓			
Portugal	✓			
Romania				✓ (National Cadastre Agency)
Russian Federation	✓ Russian Federation State Committee for Land Resources and Land Management			
San Marino	✓			
Serbia	✓ Ministry is responsible for enactment of suggested corrections made by RGA.			✓ Republic Geodetic Authority (RGA) is responsible for application and adaptation of classification system, i.e. Topographic Key registry.
Slovakia	✓			
Slovenia	✓			
Spain		✓		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.

Sweden	✓			
Switzerland	✓ Swiss Federal Statistical Office			
Turkey				
United Kingdom				
<i>England & Wales</i>	✓ Office of Deputy Prime Minister (ODPM)			
<i>Northern Ireland</i>				
<i>Scotland</i>			✓	

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?

Country	Yes	No, But Have Plans to do so	No, and Have no Plans	If 'Yes', Please Complete questions 4-8
Albania				
Armenia	✓			
Austria	✓			
Azerbaijan	✓			
Belarus	✓			
Bosnia & Herzegovina	✓			
Bulgaria				
Canada				
<i>Alberta</i>		✓		
<i>British Columbia</i>		✓		Baseline thematic mapping at a scale of 1:250000 captures a mixture of land use and land cover for the province
<i>Manitoba</i>				
<i>New Brunswick</i>	✓			
<i>Prince Edward Island</i>	✓ Provincially and Municipally			
<i>Saskatchewan</i>	✓			
Croatia	✓			

Cyprus		✓		
Czech Republic	✓			
Denmark	✓			
Estonia	✓			
Finland	✓			
France	✓			
Germany	✓			
Georgia	✓			
Greece	✓			
Hungary	✓			
Iceland	✓			
Ireland			✓	
Italy	✓			
Latvia	✓			
Liechtenstein	✓			
Lithuania	✓			
Luxembourg				
FYRO Macedonia	✓			
Malta		✓		
Republic of Moldova	✓			
Netherlands	✓ only the non urban lands			

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?

Country	Yes	No, But Have Plans to do so	No, and Have no Plans	If 'Yes', Please Complete questions 4-8
Norway	✓ but only for arable land, forest etc.			
Poland	✓			
Portugal	✓			
Romania			✓	
Russian Federation	✓			
San Marino	✓			
Serbia	✓ 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".			
Slovakia	✓			
Slovenia	✓			
Spain	✓			
Sweden	✓			
Switzerland	✓			
Turkey				

United Kingdom

England & Wales

✓

Northern Ireland

✓

Scotland

✓

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?

Country	At National Level by a Ministry	At National Level by Another Organisation, e.g. Research Institute	At State/Province Level	At Regional or Local Level	Other (please specify)
Albania					
Armenia					✓ The State Committee of the Real Property Cadastre of the Government of the Republic of Armenia
Austria		✓			
Azerbaijan	NLC	Azqipromzem		Each region	
Belarus		✓			
Bosnia & Herzegovina				✓	
Bulgaria					
Canada					
<i>Alberta</i>				✓ by local municipalities	
<i>British Columbia</i>			✓		
<i>Manitoba</i>					
<i>New Brunswick</i>			✓		
<i>Prince Edward Island</i>			✓	✓ In municipalities	
<i>Saskatchewan</i>				✓	

Croatia				✓	
Cyprus					
Czech Republic	✓				
Denmark				✓	
Estonia	✓ Ministry of Environment	✓ National Land Board			
Finland		✓			
France	✓				
Germany			✓	✓	
Georgia					Public Register
Greece					
Hungary				✓ By 116 district Land Offices	
Iceland		✓			
Ireland					
Italy	✓		✓		
Latvia	✓ Ministry of Agriculture	✓ State Land Service of the Republic of Latvia		✓	
Liechtenstein	✓				
Lithuania	✓ Ministry of Agriculture	✓ National Land Survey and State Enterprise Centre of Registers			
Luxembourg					

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

D4. Is this system administered and records maintained?

Country	At National Level by a Ministry	At National Level by Another Organisation, e.g. Research Institute	At State/Province Level	At Regional or Local Level	Other (please specify)
FYRO Macedonia				✓ (maintenance)	✓ By State Authority for Geodetic Works (Supervision Storage)
Malta					
Republic of Moldova	✓			✓	
Netherlands		✓			
Norway		✓			
Poland	✓		✓	✓	
Portugal		✓			
Romania					
Russian Federation	✓		✓	✓	
San Marino	✓			✓	
Serbia	✓ RGA with legal support from Ministry use and maintain and administer established system.		✓ On level of canton, there are sample parcels as first-rate benchmarks. Also, cadastral income is defined on this level.	✓ Local Real Estate Cadastre Offices keep the land use information on cadastral maps and database.	
Slovakia	✓	✓	✓	✓	

Slovenia	✓ Ministry for Agriculture, Forestry and Food				
Spain		✓ Cadastre records and updates the user of land including buildings and crops		✓ Urban Planning is in charge of local authorities, but there is no central registry.	
Sweden				✓	
Switzerland	✓ (Federal Office)				
Turkey					
United Kingdom					
<i>England & Wales</i>		✓			Changes to land use are identified by OS under contract to ODPM
<i>Northern Ireland</i>					
<i>Scotland</i>		✓			

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

D5. To what extent is the country covered?

Country	Complete Census	Sample of Parcels	Sample of Points	Other
Albania				
Armenia		✓		
Austria	✓			
Azerbaijan	✓			
Belarus		✓		
Bosnia & Herzegovina		✓		
Bulgaria				
Canada				
<i>Alberta</i>	✓			
<i>British Columbia</i>	✓			
<i>Manitoba</i>				✓ 30% (occupied lands)
<i>New Brunswick</i>	✓			
<i>Prince Edward Island</i>	✓			
<i>Saskatchewan</i>	✓			
Croatia		✓		
Cyprus	✓			
Czech Republic	✓			

Denmark	✓			
Estonia	✓			
Finland	✓			
France	✓			
Germany	✓			
Georgia				✓ Registered parcels identify rural and urban areas
Greece				
Hungary	✓			
Iceland	✓ except uninhabited parts of the country, mainly central Iceland.			
Ireland				
Italy	✓			
Latvia	✓			
Liechtenstein	✓			
Lithuania	✓			
Luxembourg				
FYRO Macedonia	✓			
Malta				
Republic of Moldova	✓			
Netherlands	✓ non-urban land			
Norway	✓ non-urban land			

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

D5. To what extent is the country covered?

Country	Complete Census	Sample of Parcels	Sample of Points	Other
Poland	✓			
Portugal	✓			
Romania				
Russian Federation	✓			
San Marino	✓			
Serbia				
Slovakia	✓			
Slovenia	✓			
Spain	✓			
Sweden	✓			
Switzerland			✓ I point per hectare; approximately 4.1million points. (1 hectare = 10,000 m ²)	
Turkey				
United Kingdom				
<i>England & Wales</i>	✓	✓		
<i>Northern Ireland</i>				
<i>Scotland</i>	✓			

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

D6. What method of data collection is used?

Country	Through the Mapping System	Field Surveying	Photographic Surveying	Through Another Administrative System	Other (please specify)
Albania					
Armenia	✓	✓			
Austria		✓	✓	✓	
Azerbaijan	✓	✓	✓		
Belarus	✓	✓	✓	✓	
Bosnia & Herzegovina		✓	✓		
Bulgaria					
Canada					
<i>Alberta</i>				✓ (local land use controls)	
<i>British Columbia</i>	✓				
<i>Manitoba</i>				✓	
<i>New Brunswick</i>				✓	
<i>Prince Edward Island</i>	✓				
<i>Saskatchewan</i>				✓	
Croatia		✓	✓		
Cyprus					

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

D6. What method of data collection is used?

Country	Through the Mapping System	Field Surveying	Photographic Surveying	Through Another Administrative System	Other (please specify)
Czech Republic	✓				
Denmark				✓	
Estonia	✓	✓	✓	✓	
Finland					✓ Remote sensing, Digital map data, Environmental data
France	✓	✓	✓	✓	
Germany	✓	✓	✓		
Georgia					✓ Combined
Greece					
Hungary	✓	✓	✓	✓ Description of the field inspection	
Iceland				✓	
Ireland					
Italy	✓		✓		
Latvia	✓	✓	✓		
Liechtenstein	✓	✓			
Lithuania	✓	✓		✓	✓ Remote sensing

Luxembourg					
FYRO Macedonia	✓				
Malta					
Republic of Moldova				✓	
Netherlands	✓	✓	✓		✓ Remote sensing
Norway	✓		✓		
Poland	✓	✓	✓		
Portugal	✓	✓	✓		
Romania					
Russian Federation	✓	✓	✓	✓	✓ Remote sensing
San Marino				✓	
Serbia	✓	✓ Including pedological survey.	✓ Including encoding procedure.		✓ 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.
Slovakia	✓	✓		✓	
Slovenia		✓	✓		
Spain			✓	✓	
Sweden				✓	

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

D6. What method of data collection is used?

Country	Through the Mapping System	Field Surveying	Photographic Surveying	Through Another Administrative System	Other (please specify)
Switzerland		✓ Random checks and points which cannot be interpreted on the aerial photographs	✓ Conventional black & white aerial photographs		✓ Interpretation supported by a variety of additional information (protected areas)
Turkey					
United Kingdom					
<i>England & Wales</i>	✓ GLUD depiction is a derived dataset from large scale mapping	✓ (LUCS)			✓ Satellite remote sensing
<i>Northern Ireland</i>					
<i>Scotland</i>			✓		

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

D7. Is the data held?

Country	In a Computerised Format	As Paper/Manual Records	In a Combination of Both
Albania			
Armenia			✓
Austria	✓		
Azerbaijan		✓	
Belarus		✓	✓
Bosnia & Herzegovina			✓
Bulgaria			
Canada			
<i>Alberta</i>	✓		
<i>British Columbia</i>			✓
<i>Manitoba</i>			
<i>New Brunswick</i>	✓		
<i>Prince Edward Island</i>			✓
<i>Saskatchewan</i>			✓
Croatia			✓
Cyprus			

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

D7. Is the data held?

Country	In a Computerised Format	As Paper/Manual Records	In a Combination of Both
Czech Republic	✓		
Denmark	✓		
Estonia	✓		
Finland	✓		
France	✓		
Germany			✓
Georgia			✓
Greece			
Hungary	✓		
Iceland	✓		
Ireland			
Italy			✓
Latvia	✓		✓
Liechtenstein		✓	
Lithuania			✓
Luxembourg			
FYRO Macedonia	✓		

Malta			
Republic of Moldova			
Netherlands	✓		
Norway			✓
Poland			✓
Portugal	✓	✓	
Romania			
Russian Federation			✓
San Marino		✓	
Serbia	✓ There are several digital –i.e. file- formats of land use data.	✓ As standard content of cadastral maps.	
Slovakia	✓		
Slovenia	✓		
Spain	✓		
Sweden	✓		
Switzerland	✓		
Turkey			
United Kingdom			
<i>England & Wales</i>	✓		
<i>Northern Ireland</i>			
<i>Scotland</i>	✓		

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

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

Country	Yes	No
Albania		
Armenia	✓	
Austria	✓	
Azerbaijan	✓ limited access	
Belarus	✓	
Bosnia & Herzegovina	✓	
Bulgaria		
Canada		
<i>Alberta</i>	✓	
<i>British Columbia</i>	✓	
<i>Manitoba</i>	✓	
<i>New Brunswick</i>	✓	
<i>Prince Edward Island</i>	✓	
<i>Saskatchewan</i>	✓	
Croatia	✓	
Cyprus		
Czech Republic	✓	

Denmark	✓
Estonia	✓
Finland	✓
France	✓ With restrictions in access in some instances
Germany	✓
Georgia	✓
Greece	
Hungary	✓
Iceland	✓
Ireland	✓
Italy	✓
Latvia	✓
Liechtenstein	✓
Lithuania	✓
Luxembourg	
FYRO Macedonia	✓
Malta	
Republic of Moldova	✓
Netherlands	✓
Norway	✓
Poland	✓

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

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

Country	Yes	No
Portugal	✓	
Romania		
Russian Federation	✓	
San Marino	✓	
Serbia	✓	
Slovakia	✓	
Slovenia	✓	
Spain	✓	
Sweden	✓	
Switzerland	✓ Detailed information of 15 or 24 land use categories for research and planning purposes	
Turkey		
United Kingdom		
<i>England & Wales</i>	✓ LUCS data is published by ODPM as a Government Statistical Bulletin	
<i>Northern Ireland</i>		
<i>Scotland</i>	✓	

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

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

Country	Residential	Commercial/Office	Industrial	Agricultural		Other (please specify)
				Arable	Forest	
Albania						
Armenia	✓	✓	✓	✓	✓	
Austria	✓	✓	✓	✓	✓	✓ Classification of “Residential/Commercial/Industrial” are documented and maintained in the General Planning Maps on local level.
Azerbaijan				✓	✓	
Belarus	✓	✓	✓	✓	✓	
Bosnia & Herzegovina	✓	✓		✓	✓	
Bulgaria						
Canada						
<i>Alberta</i>	✓	✓	✓	✓	✓	✓ (Institutional, Agricultural, Utility, Park etc)
<i>British Columbia</i>	✓	✓	✓	✓	✓	
<i>Manitoba</i>	✓	✓	✓	✓	✓	Institutional; other agricultural uses; Public utility; Parks and recreational

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

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

Country	Residential	Commercial/Office	Industrial	Agricultural		Other (please specify)
				Arable	Forest	
<i>New Brunswick</i>	✓	✓	✓	✓	✓	
<i>Prince Edward Island</i>	✓	✓	✓	✓	✓	
<i>Saskatchewan</i>	✓	✓	✓	✓	✓	
Croatia	✓	✓	✓	✓	✓	
Cyprus						
Czech Republic	✓	✓	✓	✓	✓	
Denmark	✓	✓	✓	✓	✓	✓ Public use
Estonia	✓	✓	✓	✓		✓ 12 categories
Finland	✓	✓	✓	✓	✓ 20 classes according to timber volume and tree species	✓ Water
France	✓	✓	✓	✓	✓	✓ Non-built land: railways etc.
Germany	✓	✓	✓	✓	✓	✓ traffic, mining, water, green
Georgia						✓ Agricultural/ Nonagricultural

Greece	✓	✓	✓	✓	✓		
Hungary					✓	✓	
Iceland	✓	✓	✓	✓	✓		
Ireland	✓	✓	✓	✓			
Italy	✓	✓	✓	✓	✓	✓	
Latvia	✓	✓	✓	✓	✓	✓	✓ water
Liechtenstein	✓	✓	✓	✓	✓	✓	
Lithuania	✓	✓	✓	✓	✓	✓	✓ Conservation, roads, built territories, bogs, unused land, State land fund, water.
Luxembourg							
FYRO Macedonia	✓	✓	✓	✓	✓	✓	
Malta	✓	✓	✓	✓	✓	✓	✓ classification of rural landscape, quarrying, major infrastructure, etc.
Republic of Moldova	✓	✓	✓	✓	✓	✓	
Netherlands					✓	✓	
Norway					✓	✓	
Poland	✓	✓	✓	✓	✓	✓	✓ wasteland, roads, railways, mineral uses (open mining, quarrying areas) drainage, ditches, orchards, grasslands, pastures, forrested 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:

Country	Residential	Commercial/Office	Industrial	Agricultural		Other (please specify)
				Arable	Forest	
Poland (cont.)						greenery areas, various terrains, other areas for transport use (18 land uses categories are distinguished).
Portugal	✓	✓	✓	✓	✓	
Romania	✓	✓	✓	✓	✓	
Russian Federation	✓	✓	✓	✓	✓	✓ Water, Reserve
San Marino	✓	✓	✓	✓	✓	✓ The Cadastre of Land Use contains 13 categories of agricultural land use e.g sowable land, meadow, pasture, olive groves etc The Cadastre of Buildings contains a very detailed classification system for building use e.g houses, offices, shops, workshops, factories, hotels, theatres and many more
Slovakia	✓	✓	✓	✓	✓	✓ Complex system of codes to specify the way of use
Slovenia	✓	✓	✓	✓	✓	

Spain	✓	✓	✓	✓	✓	other classifications of land are recorded in the Cadastre
Sweden	✓	✓	✓	✓	✓	✓ Official (public) buildings, hospitals, communication installations etc.
Switzerland	✓		✓		✓	✓ 69 categories under the main headings; agricultural areas, settlement and urban areas, wooded areas, unproductive areas
Turkey						
United Kingdom						
<i>England & Wales</i>	✓	✓	✓	✓	✓	✓ Fisheries, Community and Health Services, Defence, Education, Recreation and Leisure, Mineral Extraction, Retail, Storage, Transport, Utilities, Unused Land
<i>Northern Ireland</i>						
<i>Scotland</i>				✓	✓	✓ Moorland, urban, surface water and other developed rural land

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?

Country	By Government Funding %	By Fees For Services %	By Other Means (please specify) %	Total 100%
Albania				
Armenia		100		
Austria	Included in the costs of Cadastre			
Azerbaijan	100			100
Belarus	Yes (% N/A)	Yes (% N/A)		100
Bosnia & Herzegovina	84	10	6	
Bulgaria				
Canada				
<i>Alberta</i>	100			
<i>British Columbia</i>	100			100
<i>Manitoba</i>	100			
<i>New Brunswick</i>	100			
<i>Prince Edward Island</i>	100			100
<i>Saskatchewan</i>	100			100
Croatia	90 (Previous) 30 (Actual)	10 (Previous) 10 (Actual)	- 60 (Actual)	100 (Previous) 100 (Actual)

Cyprus	100			100
Czech Republic	100	Fees for services returned to State Budget		100
Denmark	5		95 (By Local Governments)	100
Estonia	100			100
Finland	100			100
France	100			100
Germany	100			100
Georgia	100			100
Greece	100			100
Hungary	100	67		100
Iceland	33			100
Ireland				100
Italy		60		
Latvia	40			100
Liechtenstein	100			100
Lithuania	100			100
Luxembourg				
FYRO Macedonia	100			100
Malta	100			100
Republic of Moldova	100			100
Netherlands	100			

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?

Country	By Government Funding %	By Fees For Services %	By Other Means (please specify) %	Total 100%
Norway	100			100
Poland	100			100
Portugal	100			
Romania		100		
Russian Federation	100			100
San Marino	100			100
Serbia	98	2		100
Slovakia	100			100
Slovenia	100			100
Spain	100			
Sweden	100			100
Switzerland	100			100
Turkey				
United Kingdom				
<i>England & Wales</i>	(Information not available)			
<i>Northern Ireland</i>				100
<i>Scotland</i>	90	10		100

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

D11. What was the total cost last year:

Country	The Maintenance of System of Land Use Classification	Investing in the Further Development of Land Use Classification
Albania		
Armenia	Land use transactions are rare in the country consequentially the amounts are limited	These activities are anticipated in the further development of the Cadastre and the indication of the development in the sustainable land market
Austria	Included in the costs of Cadastre	
Azerbaijan	133.6 million Manat	180 million Manat
Belarus		
Bosnia & Herzegovina	No information supplied	No information supplied
Bulgaria		
Canada		
<i>Alberta</i>	Not available	
<i>British Columbia</i>	Not available	
<i>Manitoba</i>		
<i>New Brunswick</i>	Not available	
<i>Prince Edward Island</i>	No information supplied	
<i>Saskatchewan</i>	Not available	
Croatia	DEM 3.5 million	DEM 5 million
Cyprus		

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

D11. What was the total cost last year:

Country	The Maintenance of System of Land Use Classification	Investing in the Further Development of Land Use Classification
Czech Republic	See Section B question 12	See Section B question 12
Denmark	200 mio DKR (34 mio US \$)	0
Estonia	No information	
Finland	€20,000	€10,000
France		
Germany	Unknown	Unknown
Georgia		
Greece		
Hungary	Costs are included in the overall Land Office operation costs.	52 million HUF
Iceland		
Ireland		
Italy	No information supplied	
Latvia	Costs included in other activities	100.000 LS(Lats)
Liechtenstein	No information supplied	
Lithuania	Data not available	
Luxembourg		

FYRO Macedonia	100,000 USD	10.000 USD
Malta	£Stg. 100.000	
Republic of Moldova	USD 150,000	
Netherlands		
Norway	100 million Norway Kroner (Approx)	10 million Norway Kroner (Approx)
Poland	Lack of information	
Portugal	Not supplied	
Romania	No data available	
Russian Federation	Not supplied	
San Marino		Data not available
Serbia		
Slovakia	SK 380 million	SK 40 million
Slovenia	110,000 EUR	165,000 EUR
Spain	Cadastral Organisation Budget for 2004 is about 120,202,421 EUR	
Sweden	This is part of the assessment for property tax purposes.	
Switzerland	Approx. 800,000 CHF	Approx. 300,000 CHF
Turkey		
United Kingdom		
<i>England & Wales</i>	No information available	
<i>Northern Ireland</i>		
<i>Scotland</i>	£300,000 including investment	

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

D12. Please list the main regulations or legislation under which land use recording is administered in your country:

Country	Main Regulations or Legislation Under Which Land Use Recording is Administered
Albania	
Armenia	<ol style="list-style-type: none"> 1. Land Code of ROA 2. Civil Code of ROA 3. Law on Land Tax of ROA 4. The Resolution of the Government, "On Regulation on Land Utilisation of State Owned Land in Administrative Territories of Urban and Rural Communities". 5. Law on Local self-governance 6. Law on Legalisation of Illegally built buildings and occupied land parcels.
Austria	<p>Land Use: National Surveying law and related regulations</p> <p>Land Use Planning: Regional Planning laws</p>
Azerbaijan	Resolution No 34, Article 24.01, 1992 and No 239, Article 31.07, 1991
Belarus	Land Code, Registration Law
Bosnia & Herzegovina	Zakono Iskoristavanju Poljoprivrednog Zemljista, Zakon o Sunana, Zakon o Gradevinskom Zemljistu (Agricultural Land Use, Law about Forest, Law about land for Building)
Bulgaria	
Canada	
<i>Alberta</i>	The Municipal Government Act
<i>British Columbia</i>	Numerous
<i>Manitoba</i>	The Municipal Act, The City of Winnipeg Act, The Planning Act, The Municipal Assessment Act
<i>New Brunswick</i>	Assessment Act
<i>Prince Edward Island</i>	This is a joint responsibility of the Province and the Municipalities

Saskatchewan

The Planning and Development Act, 1983
Urban Municipality Act
Rural Municipality Act
Northern Municipalities Act
Parks Act
Central Farm Land Regulations
Meewasin Valley Authority Act
Conservation Easements Act
Wakamow Valley Authority Act
Forest Resources Management Act
Wildlife Habitat Lands Disposition and Alteration Act
Water Corporation Act
Conservation and Development Act
Heritage Property Act
Land Titles Act, 2000
Various Municipal Zoning By Laws

Croatia

1. Zakon o geodetskoj izmjeri i katastru zemljišta, (The Law of geodesy and cadastre)
2. Zakon o katastru vodova (The Law of Cadastre of Public utilities)
3. Zakon o gra evinskom zemljištu, (The Law of Constructive Land)
4. Zakon o gra enju (The Law of Construction)
5. Zakon o prostornom ure enju (The Law of Regional Planning)
6. Pravilnik o katastarskom klasiranju zemljišta (Regulation of cadastral classification of the land)
7. Zakon o zaštiti okolisa (The Law of Environmental Protection)
8. Zakon o poljoprivrednom zemljištu, (The Law of Agricultural Land)
9. Zakon o sumana. (The Law of the Forests)
10. Zakon o pomorskom dobru i vodnom dobru, lukama i pristaništima (The Law of the Water, Harbours and Piers)
11. Zakon o cestama. (The Law of the roads)
12. Zakon o zemljišnim knjigama (The Law of the Land Register)

Cyprus

Town Planning Law and Regulations

Czech Republic

Cadastral Act 344/1992 in amended wording, Regulations 190/1996 of the Czech Office for Surveying, Mapping and Cadastre.

Denmark

The Law of Planning

Estonia

Regulations on classification of Land Use purposes

Finland

The Ministry of Agriculture and Forestry has given the task and needed money to the NLS.

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

D12. Please list the main regulations or legislation under which land use recording is administered in your country:

Country	Main Regulations or Legislation Under Which Land Use Recording is Administered
France	
Germany	Construction and Planning Act (Federal) ("Baugesetzbuch")
Georgia	Law on Land Registration – 1996 Nov. 14.
Greece	MDGG 166D/6.3.1987 Categories and Land Use content MDGG 639B/19.7.1995 Technical Specification for the National Cadastre
Hungary	<ul style="list-style-type: none"> • 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
Iceland	The Law of Registration and Valuation of Real Properties nr. 94/1976
Ireland	
Italy	No information Supplied
Latvia	Regulations of National Real Estate Cadastre Regulations on real estate valuation Regulations on classification of Land Use purposes
Liechtenstein	No information Supplied
Lithuania	Law on Real Property Cadastre Law on Land Regulations on the Real Property Cadastre Law on Territorial Planning

Luxembourg	Not supplied
FYRO Macedonia	Law for Land Surveying Cadastre and Real Estate Rights Inscription
Malta	National Development planning legislation.
Republic of Moldova	Law on Land Cadastre. Regulation on Content of Cadastral Documentation
Netherlands	No specific legislation. Task of a government research institute. EU directives.
Norway	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
Poland	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 2. Ordinance of the Council of Ministers from June 9, 1956 in the matter of land classification.
Portugal	Not supplied
Romania	Law Decree No. 115/1938, Government Ordinance 41/2004, Law 7/1996 modified by Law 499/2004
Russian Federation	Not supplied
San Marino	Decree n.30 of 27th November, 1952 and Decree n.31 of 24th August, 1953
Serbia	Zakon o drzavnom premeru i katastru i upisima prava na nepokretnostima (Law on State Land Survey, Cadastre and Registration of Real Estate Rights) Pravilnik o osnovi za bonitiranje i merilima za rasporedjivanje zemljista u bonitetne klase i podklase (Regulation for Solvency Basis and Criteria for Land Allocation in Solvency Class and Subclass) Instrukcije za katastarsko klasiranje i bonitiranje zemljista (Instructions for Cadastral Land Classification and Solvency Identification) Zakon o opstem upravnom postupku (Law on Basic Administrative Procedure) Zakon o poljoprivrednom zemljistu (Law on Agricultural Land) Pravilnik o izradi i odrzavanju katastra nepokretnosti (Regulation for Establishment and Maintaining of Real Estate Cadastre) Instrukcije za odrzavanje katastra zemljista (Instructions for Maintaining of Real Estate Cadastre) 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)
Slovakia	Act No. 162/1995 Coll. about the real estate cadastre and entries of ownership and other rights to the real estates + Subsequent Decree No. 79/96 Coll; Act No. 215/1995 Coll. on Geodesy and Cartography + Subsequent Decree No. 178/96 Coll. Act No. 180/1995 Coll. about some arrangements for the settlement of Land ownership + Subsequent Decree No. 157/96 Coll.
Slovenia	Law on Agriculture (Official Gazzette of the Republic of Slovenia No. 54/2000)

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

D12. Please list the main regulations or legislation under which land use recording is administered in your country:

Country	Main Regulations or Legislation Under Which Land Use Recording is Administered
Spain	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
Sweden	Fastighetstaxeringslagen (Property Tax Act) and, to a lesser extent, Plan - och bygglagen (plan and building Act).
Switzerland	Decision of the Federal Council (February 1982) Federal Statistical Law of August 1993 Ordinance of the statistical surveys accompanying above laws
Turkey	Not supplied
United Kingdom	
<i>England & Wales</i>	There are none which cover all land uses. The Agricultural Census is collected under the Agricultural Statistics Act 1979 (amended 1984)
<i>Northern Ireland</i>	
<i>Scotland</i>	Land Cover of Scotland (LCS88) 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: 1. IACS (Integrated Agricultural Control System) which is a monitoring required of agricultural land, the results of which are confidential. 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.

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