



SEED Project – Cost of Implementaion

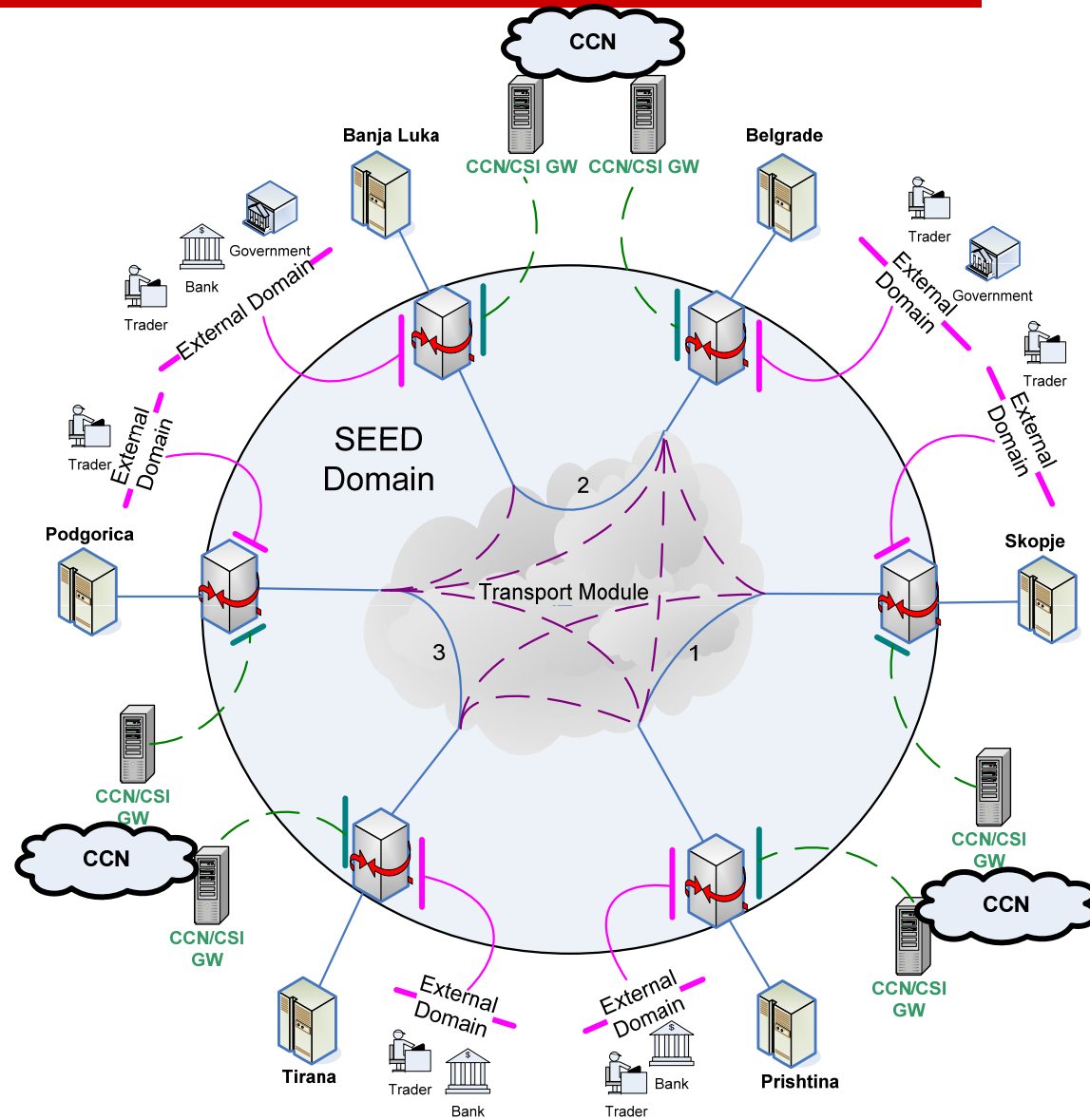
About Project

- Funded by European Commission
- Started in May 2008
- Participants: Six Beneficiary Administrations (AL, BA, MK, MN, RS and UNMIK/Kosovo)
- Overall Objectives:
 - Sustaining the administrative capacity in the area of exchange of information
 - Familiarising the BA's with the concept of the electronic exchange of data as required by EC
 - Establishing a “bridge” in administrative co-operation
- Background:
 - Exchange of information by means of paper Customs Information List (CIL)

User Requirements

- Automatic exchange of:
 - Customs Declaration data (export and transit, including TIR);
 - Border crossing of Empty Trucks;
 - Simplified procedures;
- Minimum and maximum data set
- Common system design – Regional level;
- Implementation on a bilateral basis
- Several phases:
 - CIL data exchange (minimum data set);
 - Pre-arrival information exchange;
 - Data matching module;
 - Risk analysis on pre-arrival information
 - Alarming module;
 - Analysis and statistics module;
 - Integration into national Customs' IS
 - Data exchange with other domains (industry, government, CCN/CSI etc.)

Complete Project



Basic technical information

- Same platform regardless heterogeneous Customs' IS
- Modular concept
- System components:
 - CIL Database with XML Reader module;
 - Web application providing interactive CIL data preview and update by authorised users;
 - Transport module – communication and routing component providing secure (encrypted) transport of XML messages between SEED systems deployed with different BAs in the region. The communication channel is implemented using TCP/IP and HTTP(S) protocols. MSMQ as transport method.
 - Data Matching and Analysis Module
- Multi – language support
- Expandable and extensible

Cost of implementation - EU contribution

- Duration: **12** months
- Long time experts (**3**):
 - Local experts
 - **220** working days each
 - Project Coordination, Operations Management, Technical Support
- Short time experts (**3**):
 - Local experts
 - **75** working days each
 - Writing of the Design Documentation, Programming – MS SQL Database and services, Transport Module, Web application
- **1** Server (database, application, web - around **1.500€**)
- Licenses (OS, DB Server)
- Workshops (**3**)
- Number of meetings in BAs

Cost of implementation - beneficiary contribution

- System design
- Development (procedures for creating and sending XML files from Customs' system to SEED system): **35** working days
- Communication infrastructure (SCA Wan)
- Maintenance
 - Backup (automatic)
 - Update (automatic)
 - System support (administration, deployment of new versions,...): at most **10** working days / year

Web application – Pre Arrival information



SYSTEMATIC ELECTRONIC EXCHANGE OF DATA



Funded by the European Commission

My Page

CIL Records

- Pre Arrival Empty Trucks (INCOMING)
- Register NEW INCOMING Empty Truck
- Registered INCOMING Empty Trucks
- Empty Trucks (OUTGOING)
- Register NEW OUTGOING Empty Truck

Pre Arrival

- Full Trucks
- Simplified procedures e-TIR

Domestic

- Full Trucks
- Simplified procedures e-TIR

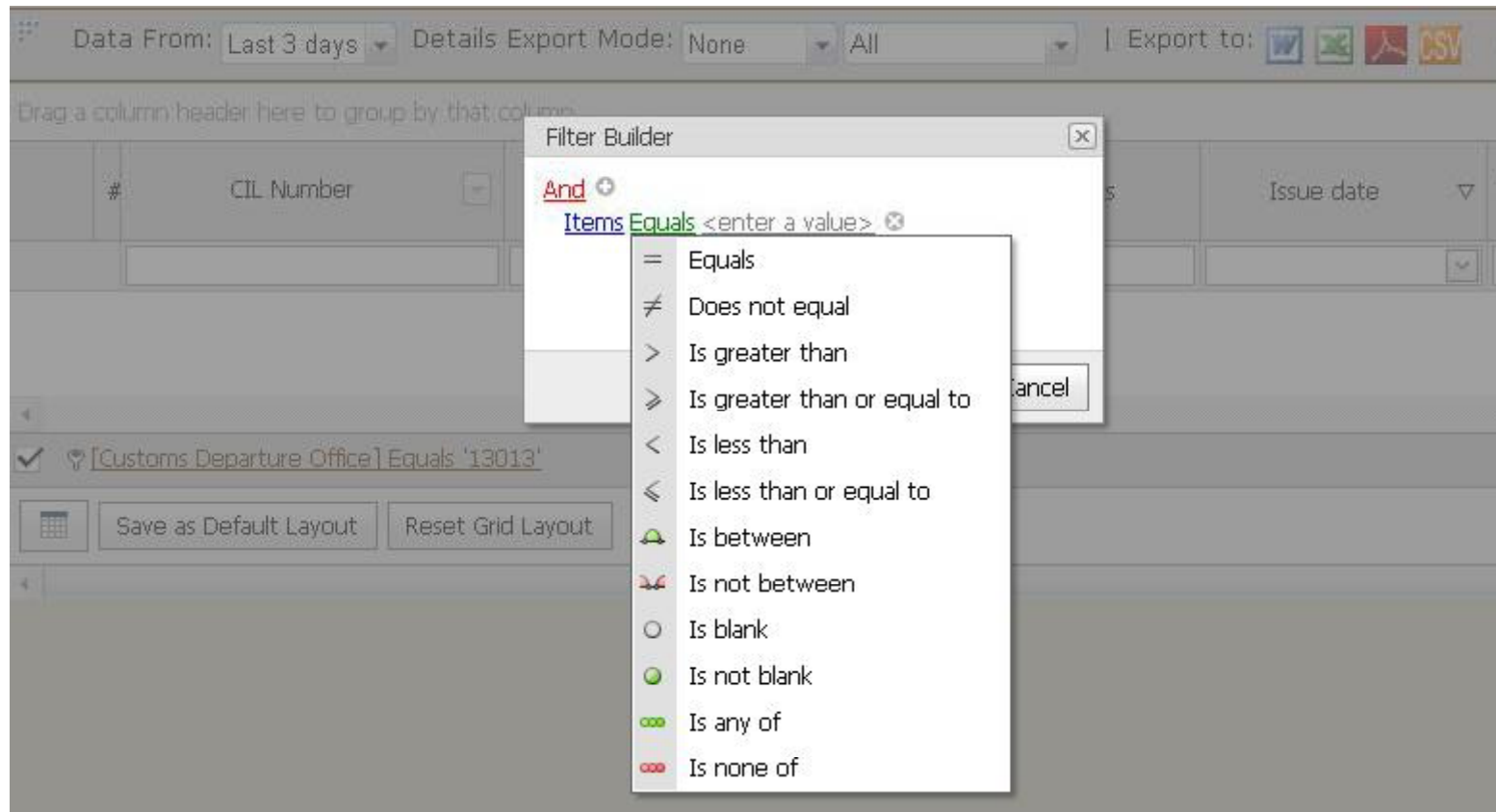
Settings

Data From: Last 3 days | Details Export Mode: None | All | Export to:





Drag a column header here to group by that column

| # | CIL Number | Declaration ID | Type Part One | Items | Issue date | Customs Destination Office | Customs Departure Office | Transp Border National | Transport Border Identity |
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| <input type="checkbox"/> | BARS96024100000453 | 201096024C559 | TR | 1 | 2/26/2010 12:00:00 AM | 96024 | 10807 | RS | UE76314 |

Web application – Filter Builder




Web application – Filtered

Data From: Last 3 days Details Export Mode: None All | Export to:    





Drag a column header here to group by that column

| # | CIL Number | Declaration ID | Type Part One | Items | Issue date | Customs Destination Office | Customs Depa Office |
|--------------------------|-----------------------------------|----------------|---------------|-------|-----------------------|----------------------------|---------------------|
| | | | | 2 | | | |
| <input type="checkbox"/> | MKRS2031100004420 | 20101015D1376 | T1 | 6 | 2/23/2010 4:08:37 PM | 2031 | 1015 |
| <input type="checkbox"/> | MKRS2031100004411 | 20103010D423 | T1 | 3 | 2/23/2010 3:14:25 PM | 2031 | 3010 |
| <input type="checkbox"/> | MKRS2031100004392 | 20103010D420 | T1 | 5 | 2/23/2010 1:51:20 PM | 2031 | 3010 |
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| <input type="checkbox"/> | MKRS2031100004297 | 20101015D1342 | T1 | 3 | 2/22/2010 4:02:05 PM | 2031 | 1015 |
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| <input type="checkbox"/> | MKRS2031100004282 | 20104015D30 | T1 | 4 | 2/22/2010 12:26:45 PM | 2031 | 4015 |

[Items] Is greater than or equal to '2'

 Save as Default Layout Reset Grid Layout

Web application – Filtered details

Data From: Last 3 days Details Export Mode: None All | Export to:    

Drag a column header here to group by that column

| # | CIL Number | Declaration ID | Type Part One | Items | Issue date | Customs Destination Office | Customs Dep Office | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|----------------|---------------|----------|----------------------|----------------------------|--------------------|------|-------------|---------------|------------|----------|------------------|---------------------|-------------------|---|------------|----------|-------|-------|----|----|----|---|------------|----------|--------|--------|----|----|----|---|-------------|----------|------|------|----|----|----|---|-------------|----------|-------|-------|----|----|----|---|------------|----------|--------|--------|----|----|----|---|--|----------|--------|--------|----|----|----|
| | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | MKRS2031100004420 | 20101015D1376 | T1 | 6 | 2/23/2010 4:08:37 PM | 2031 | 1015 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Item</th> <th>Description</th> <th>Comodity Code</th> <th>Gross Mass</th> <th>Net Mass</th> <th>Dispatch Country</th> <th>destination Country</th> <th>Country of Origin</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>---Rabotni</td> <td>62032310</td> <td>16.32</td> <td>16.32</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>2</td> <td>---Rabotni</td> <td>62033310</td> <td>100.28</td> <td>100.28</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>3</td> <td>----Rabotni</td> <td>62034311</td> <td>9.46</td> <td>9.46</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>4</td> <td>----Rabotni</td> <td>62034331</td> <td>43.91</td> <td>43.91</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>5</td> <td>---Rabotna</td> <td>62113310</td> <td>197.37</td> <td>197.37</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>6</td> <td>---Prestilki, nametki i druga rabotna obleka</td> <td>62114310</td> <td>128.64</td> <td>128.64</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> </tbody> </table> | | | | | | | | Item | Description | Comodity Code | Gross Mass | Net Mass | Dispatch Country | destination Country | Country of Origin | 1 | ---Rabotni | 62032310 | 16.32 | 16.32 | NA | NA | NA | 2 | ---Rabotni | 62033310 | 100.28 | 100.28 | NA | NA | NA | 3 | ----Rabotni | 62034311 | 9.46 | 9.46 | NA | NA | NA | 4 | ----Rabotni | 62034331 | 43.91 | 43.91 | NA | NA | NA | 5 | ---Rabotna | 62113310 | 197.37 | 197.37 | NA | NA | NA | 6 | ---Prestilki, nametki i druga rabotna obleka | 62114310 | 128.64 | 128.64 | NA | NA | NA |
| Item | Description | Comodity Code | Gross Mass | Net Mass | Dispatch Country | destination Country | Country of Origin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | ---Rabotni | 62032310 | 16.32 | 16.32 | NA | NA | NA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | ---Rabotni | 62033310 | 100.28 | 100.28 | NA | NA | NA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | ----Rabotni | 62034311 | 9.46 | 9.46 | NA | NA | NA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | ----Rabotni | 62034331 | 43.91 | 43.91 | NA | NA | NA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | ---Rabotna | 62113310 | 197.37 | 197.37 | NA | NA | NA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | ---Prestilki, nametki i druga rabotna obleka | 62114310 | 128.64 | 128.64 | NA | NA | NA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <input type="checkbox"/> | MKRS2031100004392 | 20103010D420 | T1 | 5 | 2/23/2010 1:51:20 PM | 2031 | 3010 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Web application – Grouping

☰ Data From: Last 3 days ▾ Details Export Mode: None ▾ All ▾

Customs Destination Office ▾ Transport Border Nationality ▾

| # | CIL Number ▾ | Declaration ID |
|---|-----------------------------------|----------------------|
| | <input type="text"/> | <input type="text"/> |
| ⊕ | Customs Destination Office: 2031 | |
| ⊕ | Customs Destination Office: 93025 | |
| ⊖ | Customs Destination Office: 93041 | |
| ⊕ | Transport Border Nationality: BA | |
| ⊕ | Transport Border Nationality: MK | |
| ⊕ | Transport Border Nationality: RS | |
| ⊕ | Transport Border Nationality: TR | |
| ⊕ | Customs Destination Office: 97071 | |
| ⊕ | Customs Destination Office: 97098 | |

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Benefits

- Administrative capacity building:
 - Prevention: smuggling, undervaluation, corruption;
 - Improvement: Risk Analysis/Profiling, Technical (IT) capacity ;
 - Acceleration of customs procedures & Facilitation of legitimate trade.
- Regional Cooperation:
 - Cross-border and inter-agency cooperation and communication (IBM);
 - Sustainability in administrative cooperation;
 - Reduce security risks in the Region.
- EU Integration Perspective:
 - Interoperability/Interconnectivity exercise for all BAs;
 - One step towards paperless customs (e-customs);
 - Possibility for communication with EC SPEED, Common Domain or eTIR.

SEED Portal (www.eu-seed.net)



HOME PROJECT INFO SEMS IPR CONTACTS

Documents

Public Documents Library

Working together :-o)

- Calendar of Events
- Upcoming Tasks
- Schemas

Discussions

SEED News

PROJECT ACTIVITIES

by Vladimir Obučina

18/02/2011 14:09

Plan of Project Activities, along with Gantt chart is available at the Working Together part of the Portal.

Please consider timing of Regional Activities only as estimated. In addition, implementation schedule is proposal, and might be changed...

PICTURES--FINNALLY

by Fadil Belko (Forms)

10/02/2011 15:28

First SEED Workshop Pictures available --finally. We are sorry for delay....)

[CLICK HERE !!](#)

GUIDELINES FOR CREATION OF XML FILES (V 1.1)

by Željko Djajic

07/02/2011 14:27

Updated version (V 1.1) of document "Guidelines for creation of XML files" has been uploaded to the "Creation of XML files" Library.

Release notes: all noticed formal errors are resolved and document is updated according to final number and structure...

REPORT BUGS ON SEED PILOT ACTIONS

by Željko Đajić

26/01/2011 15:35

In case of ANY problem in SEED bilateral data exchange (currently operational Pilot Actions), please report to us on [Open Issues](#) (BUG reports).

We will do our best to provide any kind of support ASAP.

INSTRUCTIONS FOR CREATION OF XML FILES

25/01/2011 13:55



Customs Administrations

- Albania, Customs Administration of Albania
- Bosnia and Herzegovina, Indirect Taxation Authority (ITA)
- Kosovo, Kosovo Customs
- Macedonia, Customs Administration of the Republic of Macedonia
- Montenegro, Customs Administration of Montenegro
- Serbia, Customs Administration of Serbia

Useful Links

- EC Customs and Taxation



Thank you for your attention!