SEED Project – Cost of Implementation
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

![Web application interface](image)

**SYSTEMATIC ELECTRONIC EXCHANGE OF DATA**

Funded by the European Commission

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## My Page

### CIL Records
- Pre Arrival Empty Trucks (INCOMING)
- Registered INCOMING Empty Truck
- Registered NEW INCOMING Empty Truck
- Empty Trucks (OUTGOING)
- Registered NEW OUTGOING Empty Truck

### Pre Arrival
- Full Trucks
  - Simplified procedures e-TIR

### Domestic
- Full Trucks
  - Simplified procedures e-TIR

### Settings

### Data Entry
- Data From: Last 3 days
- Details Export Mode: None
- Export to: PDF, CSV

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Web application – Grouping

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Details Export Mode: None

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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)
Thank you for your attention!