Interoperability Test Bed

Natalia Aristimuño Pérez
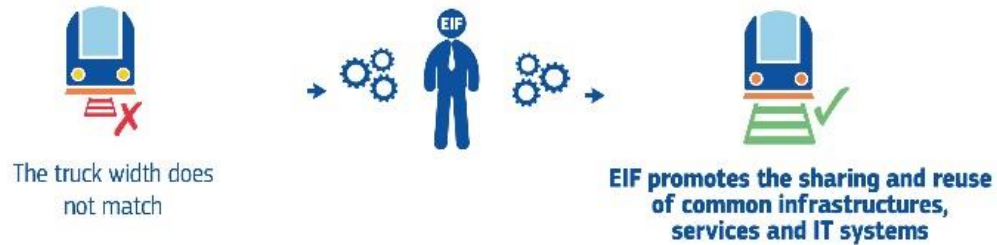
Head of Interoperability Unit, DG Informatics,
European Commission

ISA²

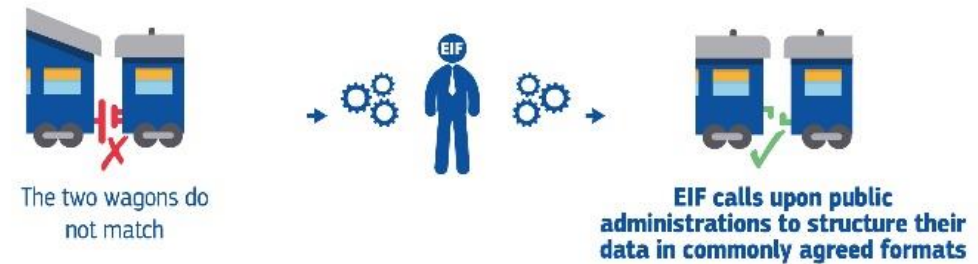# The European Interoperability framework (EIF)

The ISA² Programme

- The ISA² Programme supports the development of digital solutions that enable public administrations, businesses and citizens in Europe to benefit from interoperable cross-border and cross-sector public services.

- ISA² is running from 1 January 2016 until 31 December 2020.

- The ISA² Programme supports 53 actions focused on the development of digital solutions in the area of interoperability.

- THE ISA² DIGITAL ACTIONS ARE ORGANIZED IN 9 TOPIC GROUPS:

  - Key and generic interoperability enablers
  - Semantic interoperability
  - Access to data / data sharing / open data
  - Geospatial solutions
  - E-Procurement
  - Decision making and legislation
  - EU policies
  - Supporting instruments for public administrations
  - Accompanying measures

European Commission

Interoperability Test Bed

- The platform provides interoperability and conformance testing for:
  - Simulation of a web service for clients to test against;
  - Validation of content sent or received through various channels;
  - Conformance testing against a message exchange protocol;
  - Verification of a complex message exchange as one complete conversation.

Interoperability Test Bed
Interoperability and conformance testing platform

IMOLA and ISA² Interoperability Test Bed

- **IMOLA PROJECT DEVELOPED THE EUROPEAN LAND REGISTRY DOCUMENT (ELRD)**

  - Provides an interoperability solution to the variations found in individual land registries

  - It is a template that formulates reference information in a common structure

  - Developed by means of an XML Schema

- **ISA² INTEROPERABILITY TESTBED HAS BEEN A PARTNER TO THE IMOLA PROJECT**

  - Support for the ELRD provided with validation

ISA² Testbed

- **Support for validation provided in 2 ways:**

  - Standalone online validator
  - Community in Testbed
  - Validation of ELRD content available for both version 3.0 and version 3.1

- **Further support being considered, including for the implementation of conformance test scenarios**

ISA² programme

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@ EU_isa2   ISA² Programme   DIGIT-ISA2-COMM@ec.europa.eu

Run by the Interoperability Unit at DIGIT (European Commission) with 131€M budget, the ISA² programme provides public administrations, businesses and citizens with specifications and standards, software and services to reduce administrative burdens.