A DIFFERENT ANGLE

Validation as a Business Case for CSPA/SERV

Joint UNECE/Eurostat Workshop on Implementing CSPA ‘CSPA for Digital Transformation’
Wiesbaden, 04.07.2017

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What is data validation?

Validation report is not yet a LIM object.
Why is data validation important?

Validation Editing Cycle

Dirty Data Set ➔ Validation ➔ Clean Data Set

Data Editing

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Most validation routines are very similar.

Why not pull validation out of different systems and build services?
What could validation services do?

**Metadata**
- Validation Rule Registry
- Data Structure Registry

**Validation process**
- Structural Validation
- Content Validation
- Transformation
  - by validation level
  - for specific reference material
  - domain-specific services
  - of data structures
  - of validation rules
Any ideas on integration?

Data Collection System

Central Production Tool

Data Editing Tool

Data Analysis Tool

Data Warehouse

Open Data Portal

Metadata System

Structural Validation

Content Validation Level 1

Content Validation Level 2

Transformation

Validation Service Platform
Why CSPA? International cooperation!

ESS service platform

Eurostat
- Rules Registry
- Data Structure Registry

NSI 1
- Structural Validation
- Validation ESA

NSI 2
- Validation Level 0 and 1
- Validation against UN data

NSI 3
- Validation Level 2
- Validation Level 0 and 1

VTL
SDMX
Something a little more concrete?

- Validation services: Presentation by Eurostat
- Integration of services: Presentation by Portugal
Questions?

The Hague, 11.-12.01.2018

Vilnius, 01.-02.02.2018

Lisbon, 13.-14.11.2017

Belgrade, 22.-23.02.2018