Use of the INSPIRE validator in ELS

INSPIRE KEN webinar 'Validation of Inspire metadata, services and data'
26th of June 2018

Roy H. Mellum
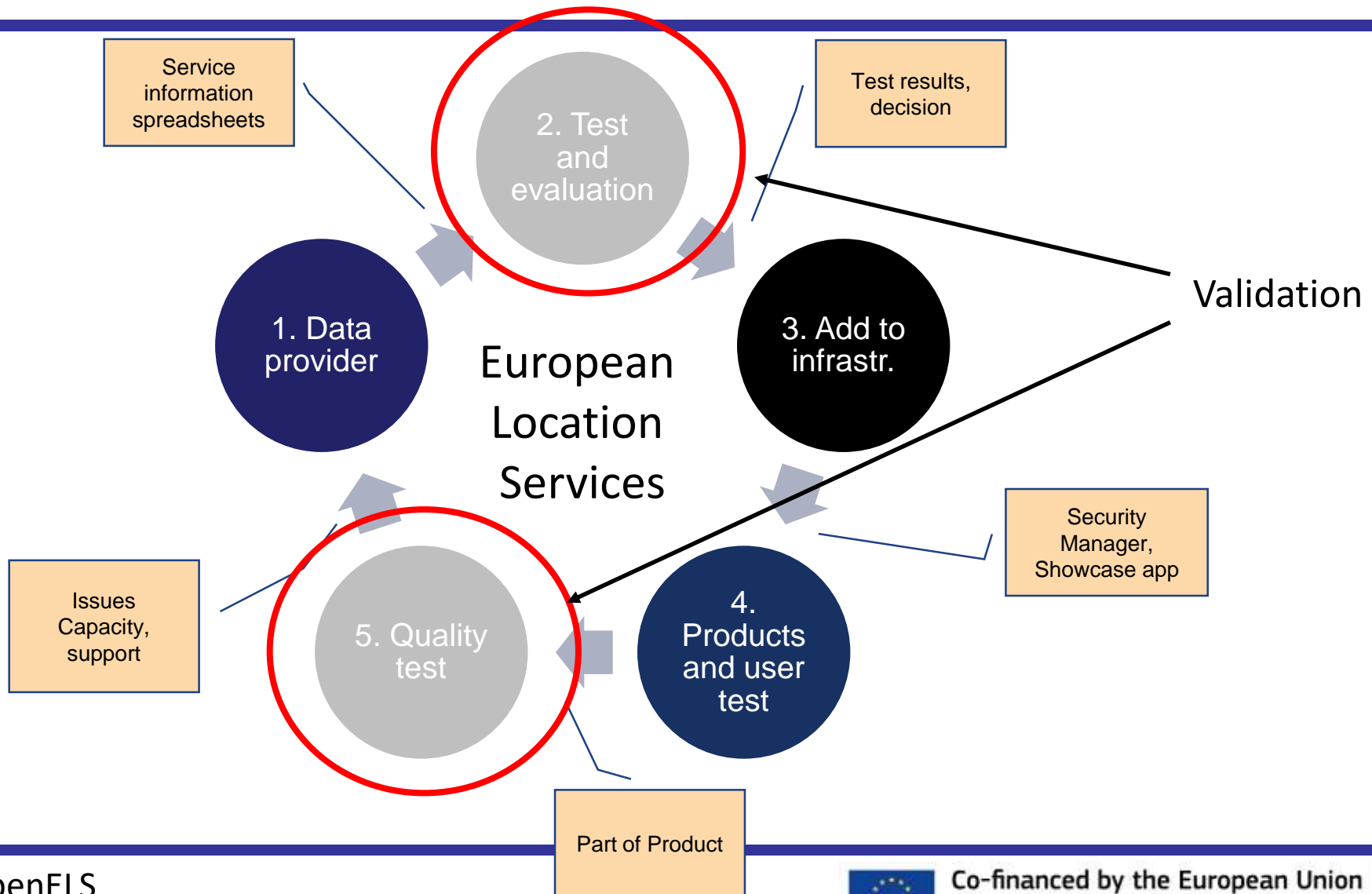ELS technical group leader

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ELS Platform Providing Tools and INSPIRE data from NMCA's

- WMS and WFS services (+Metadata)

- 11 selected INSPIRE themes 'NMCA typical'

- Currently approx. 90 services from 14 countries
  - Mostly WFS (75)
    - Approx. 120 Featuretypes provided

- Several tools in the ELS platform
  - Including the Validator

ELS – The Loop of Data supply processes

Service information spreadsheets

Test results, decision

2. Test and evaluation

Validation

1. Data provider

European Location Services

3. Add to infrastr.

Issues Capacity, support

5. Quality test

4. Products and user test

Security Manager, Showcase app

Part of Product

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Validation required in ELS – conformance classes

- Data and service providers to provide validation reports of
  - Metadata
  - Services
  - GML (Data Themes)

- The Tool now provides good functionality for these types of validation
  - User friendly reports, with direct references to INSPIRE Technical guidelines
  - Extended number of conformance classes
  - Basic validation of GML

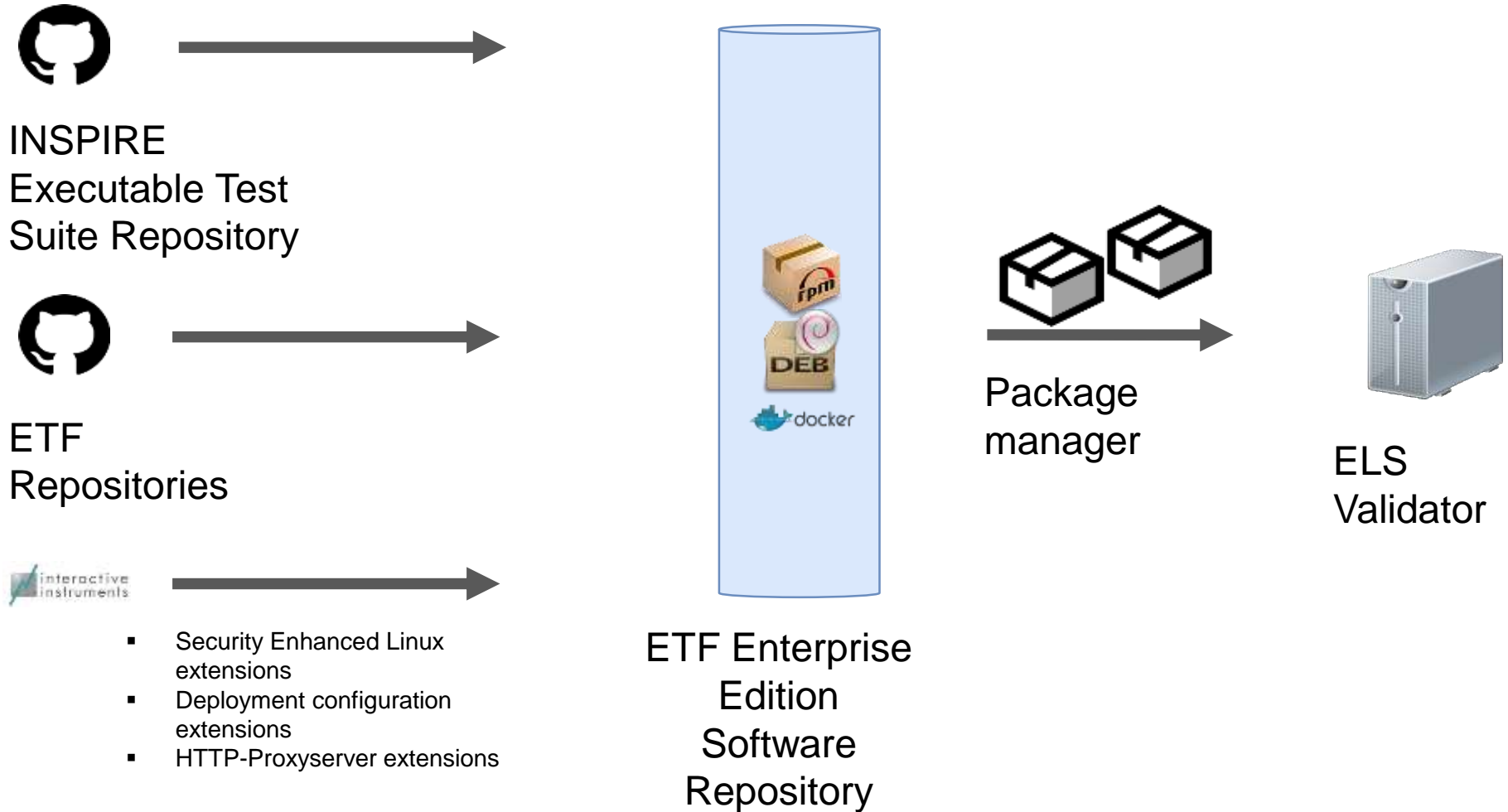 - In addition close cooperation with OGC test suite development

The ELS Validator tool (since april 2018)

- The INSPIRE Validator is provided as a tool in the ELS Platform
  - Complementary to the INSPIRE original validator

- Main reasons for providing the tool
  - Allow validation of services with basic authentication
  - More 'discrete' report handling
  - Gain experience of the technology
    - Evaluate for use for national schemas
  - Support the INSPIRE Validator development community

Deploying the Inspire Validator in ELS

INSPIRE
Executable Test
Suite Repository

ETF
Repositories

interactive instruments

ETF Enterprise
Edition
Software
Repository

Package
manager

ELS
Validator

- Security Enhanced Linux extensions
- Deployment configuration extensions
- HTTP-Proxyserver extensions

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Start page and WFS test run configuration

Examples – Conformance classes, Data Themes

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Validator.locationframework.eu