Mission possible -
European Topographic and Cadastral Reference Data from one online source

Presentation to: INSPIRE conference
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Good governance comes from sound policy

- Sound policy comes from good information
- Reference data is an essential requirement
  - Information associated with reference data have increased value
- Authoritative reference data
  - The designated national dataset for the INSPIRE theme
  - Maintained and updated according to a transparent and long term mandate
  - In most cases the best and most up-to-date data available
Any good services out there?

Don’t know, I could not access any of them.
INSPIRE Art 17 on Data Sharing

• Each Member State shall adopt measures for the sharing of spatial data sets and services between its public authorities...for the purposes of public tasks that may have an impact on the environment.
  ★ preclude any restrictions likely to create practical obstacles, occurring at the point of use
  ★ respecting the self-financing requirements where applicable
• Same arrangement for public authorities of other MS and Community bodies
• Regulation on use of contractors, metadata and response time
What does ELF add to INSPIRE?

- INSPIRE is a good starting point
  - INSPIRE services are only of value if they are used
  - We need to remove all practical obstacles at the point of use
  - One swallow don’t make a summer – one service don’t make an infrastructure

- ELF adds administration and harmonisation
  - Licensing and access terms
  - Open and paid for data
  - Personal data issues
Hide the complexities from the users

- Organise the data providers
  - Licensing and pricing solutions based on national policies

- Solve the legal issues that are hindering use
  - Licensing and pricing on harmonised conditions and adapted to the service based products
  - Open data and paid data
  - Personal data issues
  - Varying national terms consolidated

- Technical solutions for one stop shopping
  - One place for users to get services, support and to acquire licenses
ELF Licences

ELF Data and Services

Direct channel (European users)
- Evaluation licence
- End User Licence

ELF Products

VAR
- Developers licence
- VAR Licence
ELF licensing principles

• Simplicity
  ★ Immediate access to all products on a trial basis
  ★ ELF evaluation and development licenses
  ★ Licensing must be easy to understand and apply to the user’s needs

• Harmonised terms and conditions
  ★ Incorporating the data providers national requirements
  ★ ELF viewing products (WMS, WMTS)
    ★ Pricing, when required, will be based on transactions (tile) or subscription
  ★ ELF download products (WFS)
    ★ Pricing, when required, will be based on features downloaded - single or multiple use

• Sustainability
  ★ The licensing must be a part of a sustainable solution for long term financing and development of ELF
Access to the ELF Products

Applications and affiliated platforms

Geo Product Finder (Discovery and Metadata)

Licensing

Pricing

Authentication, authorisation and accounting

ELF Data and Services

ELF Products
One stop shopping

• End-users will only see their own applications and platforms
• The ELF project has set up the following to test the functionality of the services for user access
  ★ A secure access to the platform products
  ★ A Showcase Application with online licensing
  ★ Several test applications that makes use of the ELF products
  ★ An affiliated platform, ArcGIS online
• Future solution will be based on these
• [https://demo.locationframework.eu/](https://demo.locationframework.eu/)
This is test metadata for ELF Topographic Basemap.


**INFORMATION ABOUT THE RESOURCE**

<table>
<thead>
<tr>
<th>Reference date</th>
<th>2015-03-19 (Publication)</th>
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**Temporal information**

**Keywords**
- Administrative units

**Language**
- English

**Geographic bounding box**
- Show coverage area
From multiple licenses to one source of European reference data...