The ELF Platform
A necessary basis for good governance

Presentation to: INSPIRE conference
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Date: 20 June 2014
The ELF platform

• Geospatial reference infrastructure
  ★ Interoperable data and services
  ★ Full coverage of Europe
  ★ Quality and metadata
  ★ Supporting International Standards and INSPIRE
  ★ Management of national data through interoperable processes

• Providing authoritative topographic, administrative and cadastral reference data
  ★ Easy access and improved user experience
  ★ Basis for private business to develop their own platforms
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
The bottom line... we need a business model!

Any good services out there?

Don’t know, I could not access any of them.
A user friendly platform

- Meet expectations in the marked created by similar offerings available
  - Clear and easy to understand terms for use
  - Easy to combine it with other data
  - Immediate testing available
- Modular agreements and “normal language” licenses
- Generate the product you need on the fly or in more traditional way
The user experience of ELF

- **ELF Showcase Application** [www.locationframework.eu](http://www.locationframework.eu)
  - Insight into what ELF can deliver without registration
- **Utilize the ELF Geo Product Finder**
  - Find, compare, license and pay if required, and access
- **Easy access to the ELF services**
  - The ELF Basemap
  - The ELF Global and Regional Services
  - The ELF National Services
  - Affiliated platforms
ELF Open data

• Open public data is on the increase
⭐ There will be a significant amount of open data available from the ELF Platform
⭐ ELF open license

• Single access for open and restricted data
⭐ License for open data
⭐ License and payment for restricted data
⭐ License for restricted data without payment
⭐ One license and one price
Access to ELF applications and services

- The ELF Basemap – a free WMTS service
- The ELF Geolocator
  - Limited free use with Showcase Application and Basemap
- ELF Global and Regional Services
  - Partly open data – testing license available
- ELF National services
  - Partly open data – testing license available
Applications and affiliated platforms

Geo Product Finder

Technical limitations on access

- Licensing
- Personal data

ELF services (restricted)

ELF services (open)

Global, Regional and National services

ELF platform
Easy and fast licensing

- Wizard style user interface in the Geo Product Finder
  - Generate and present the license
  - If payment is required a price will be given
- Initial questions on the type usage
  - Internal use, use in applications for customers, download, etc
- Details of selected usage
  - Type of reuse, extent of the internal use, quantity download, etc.
- Finally payment options
  - Subscription, transaction based payment, etc
User Interface

Select services

Answers questions

Answers questions

Agreement with terms and price

Licensing Wizard

Initial questions for determining type of usage

Select terms for license

Select price elements

Generate question on alternatives for license and price

Produce license agreement

Determine price
The road ahead

• Development of business side and technical solutions throughout the project
  ★ Priorities!
  ★ Requires an application or a desktop solution
  ★ Dialogue with providers and users

• Special requirements needs special technical solutions
  ★ Identifying the users – digital signatures, federation based access systems, etc.

• The ELF project should deliver a fully operational but never quite finished platform