



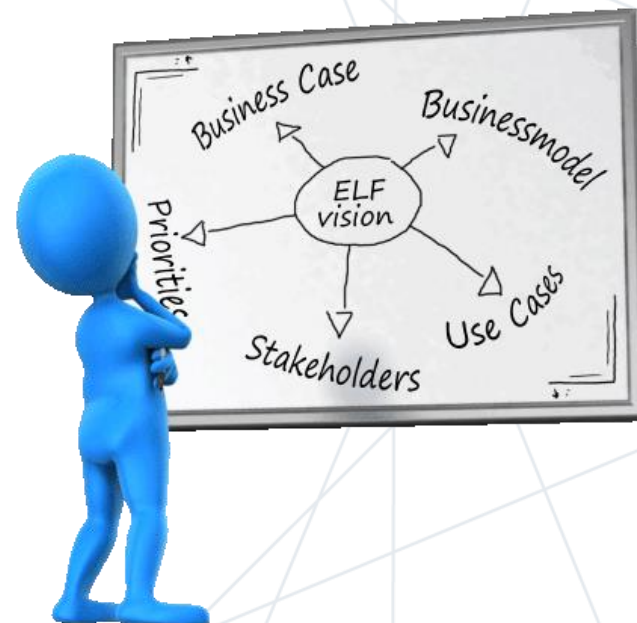
**ELF** EUROPEAN  
LOCATION  
FRAMEWORK

# ELF Business Model and Licensing

**Presentation to:** EG PolKEN

**By:** Laila Aslesen

**Date:** 12<sup>th</sup> May 2016

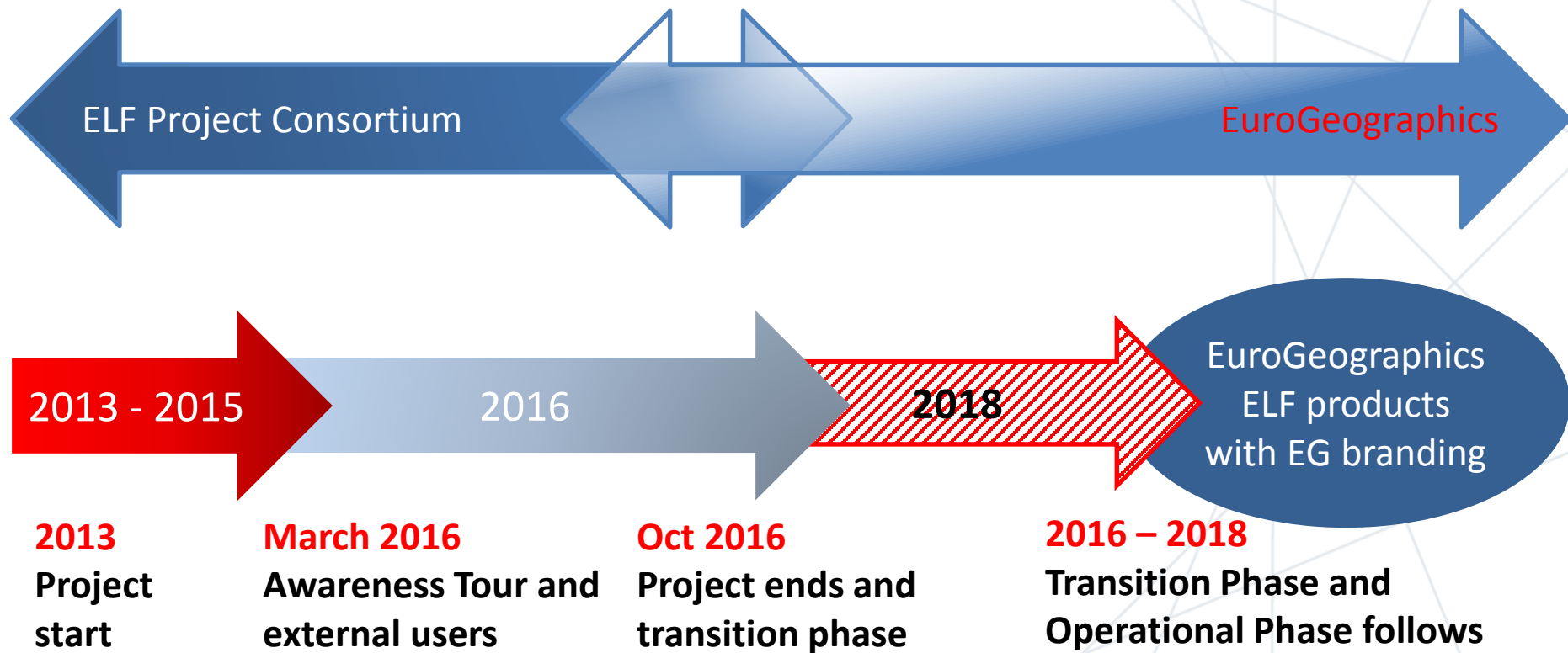


# The ELF vision

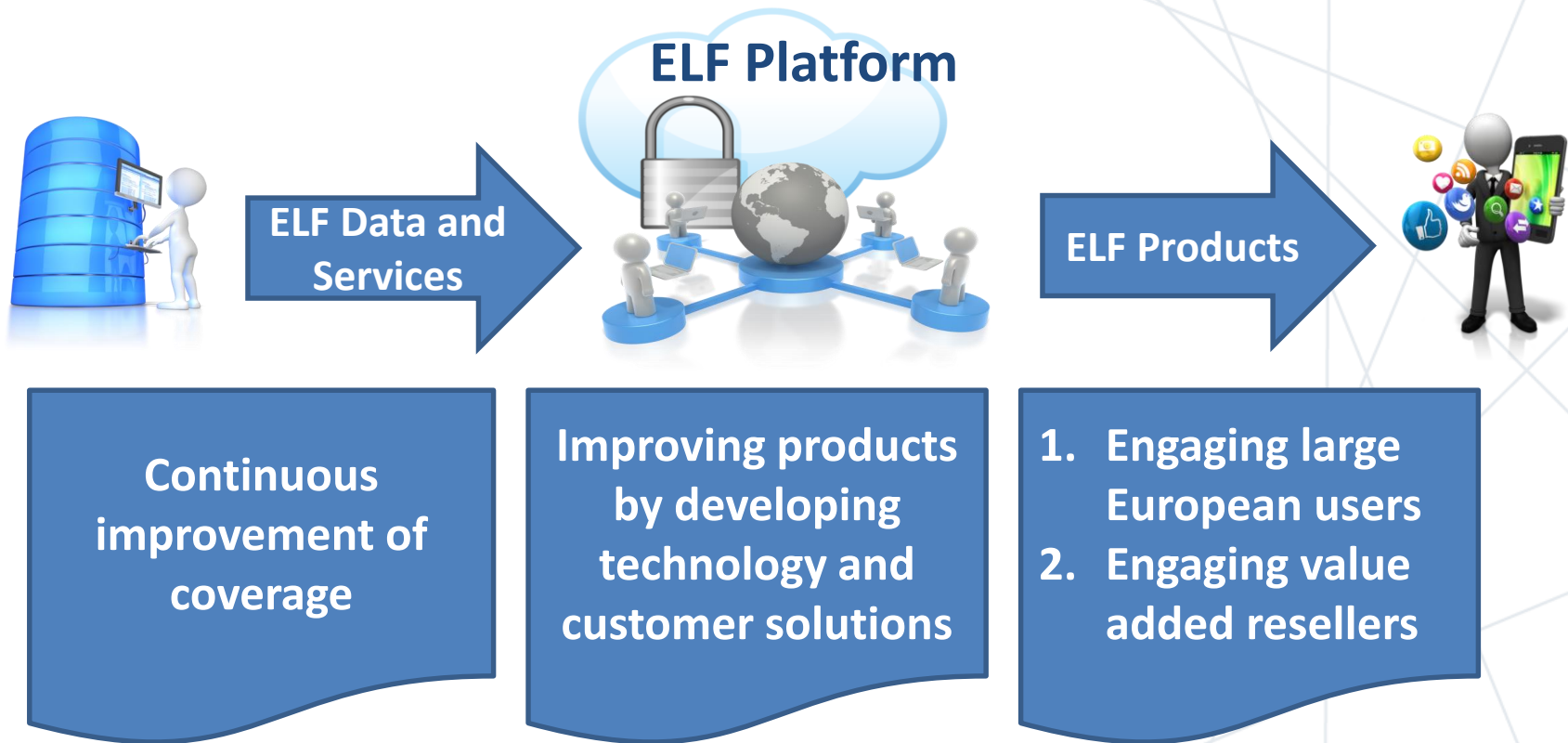
- **ELF will provide access to harmonised services on harmonised condition**
- **ELF will underpin the development of private sector by**
  - ★ Simplify licensing and access to pan-European data
  - ★ Increase the amount of SMEs that can easily access and exploit pan-European products for innovation and growth
- **ELF will support public sector in Europe with harmonised and easy access to reference data for all their tasks**



# ELF Phases



# Transition phase activities



# ELF Sustainable policy

- **Business model**
  - ★ A description of how an organization create income to carry out its operations
  - ★ A non-profit organization also need one, but use of the generated income will have different objectives
- **Organisational support and technical solutions**
- **WP 9 is describing the situation and proposing solutions**
  - ★ Document alternatives and reasons for the actual proposal
  - ★ EuroGeographics will be implementing the policy



## WP 9 Plans for the last 6 months

- **Data Provider agreements for remaining project partners**
- **Incorporate experience from actual use of ELF**
- **Affiliated platform solutions**
- **Description of agreed organisation**
- **Document and complete the proposed policy**



# ELF products – first release

- **Software**
  - ★ Geo Locator
  - ★ Discovery through ELF Geo Product Finder
    - ★ ELF Showcase Application
- **View products**
  - ★ Topographic Basemap (WMTS)
  - ★ Administrative Basemap (WMS)
  - ★ Cadastral Index Map (WMS)
- **Download products – access through ELF cascading services**
  - ★ Administrative units (WFS)
  - ★ Geographical names (WFS)
  - ★ Hydrography (WFS)



# Access to the ELF Products

## Applications and affiliated platforms



**Geo Product Finder (Discovery and Metadata)**

**Licensing  
Pricing**

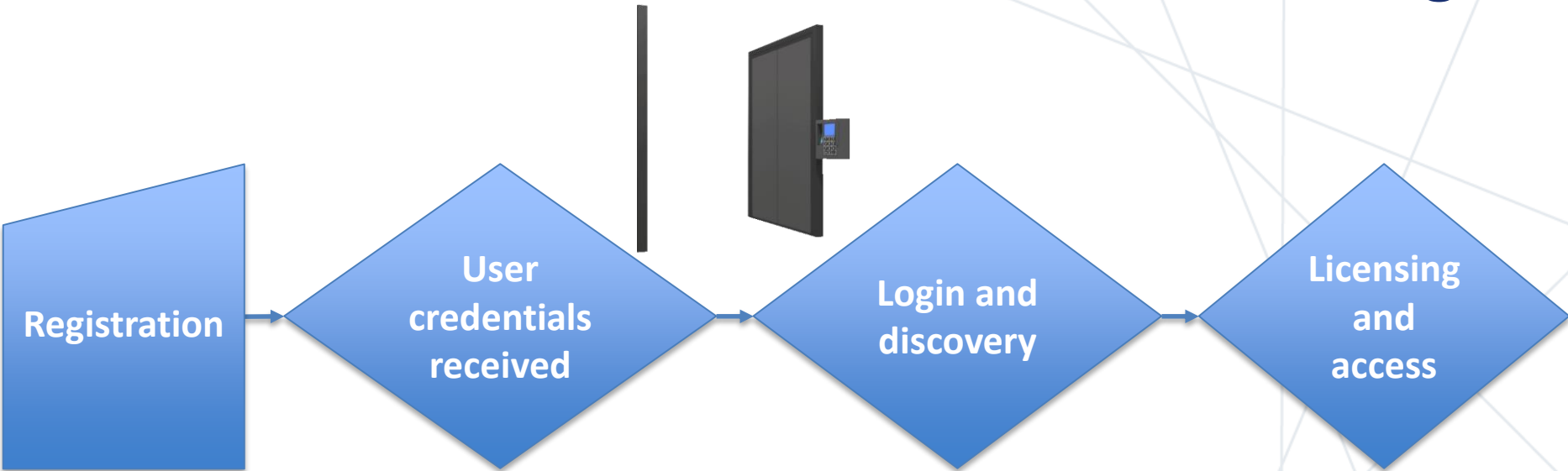


**Authentication, authorisation and accounting**





# Authentication, authorisation and accounting

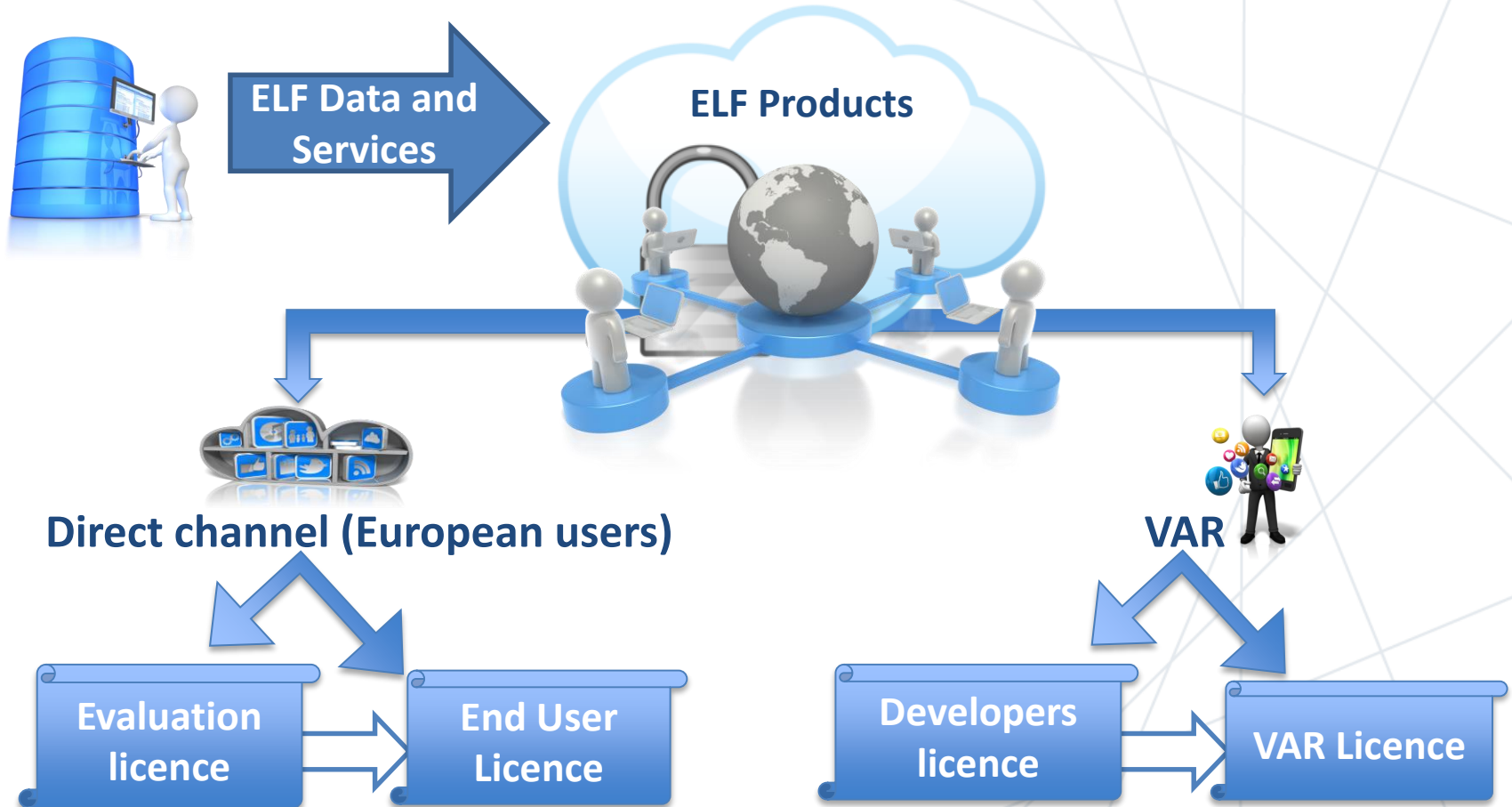


- Access to registration
- Validation of contact details

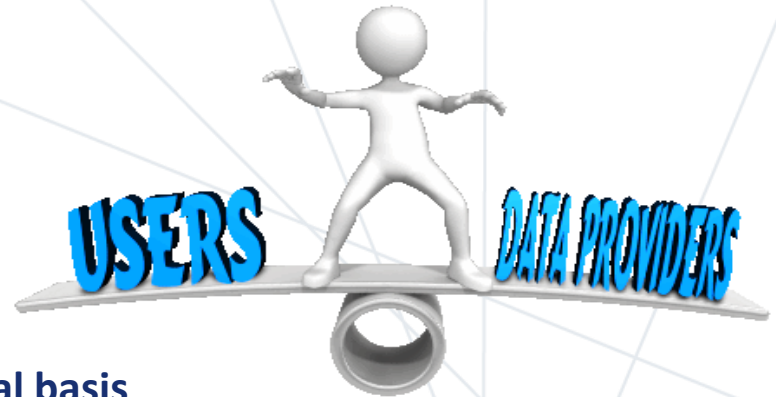
- Click license products
- No payment module yet

**Administration – validation and control of licensees and licenses**

# ELF Licences



# ELF licensing principles



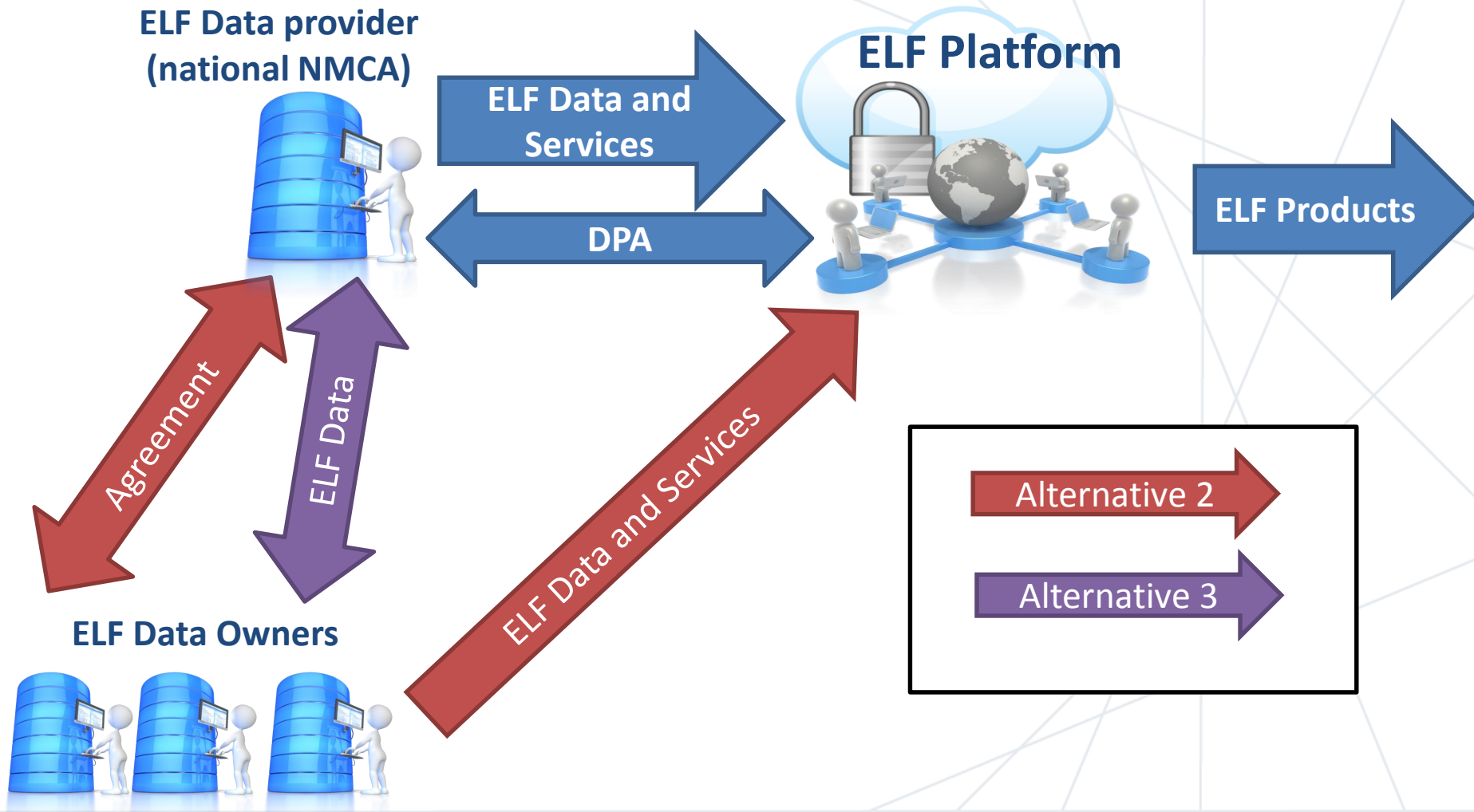
- **Simplicity**
  - ★ Immediate access to all products on a trial basis
    - ★ ELF evaluation and development licenses
  - ★ Licensing must be easy to understand and apply to the user's needs
- **Harmonised terms and conditions**
  - ★ Incorporating the data providers national requirements
  - ★ ELF 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



# The Data provider role

- **Major shift in responsibilities from existing EG products**
  - ★ Operating the national service on a continuous basis
  - ★ No common copyrighted database
  - ★ Existing EG products provided under existing agreement
- **Dealing with third party data**
  - ★ Many themes are not handled by NMCA under INSPIRE
  - ★ How to organise agreements and services?
- **Licensing and pricing**
  - ★ Licensing mechanisms need to be harmonised, but data provider decides the level of remuneration

# Data provider and Data owner



# From multiple licenses to one source of European reference data...



# Questions?

