EuroGeographics

Strategy update & European Location Services

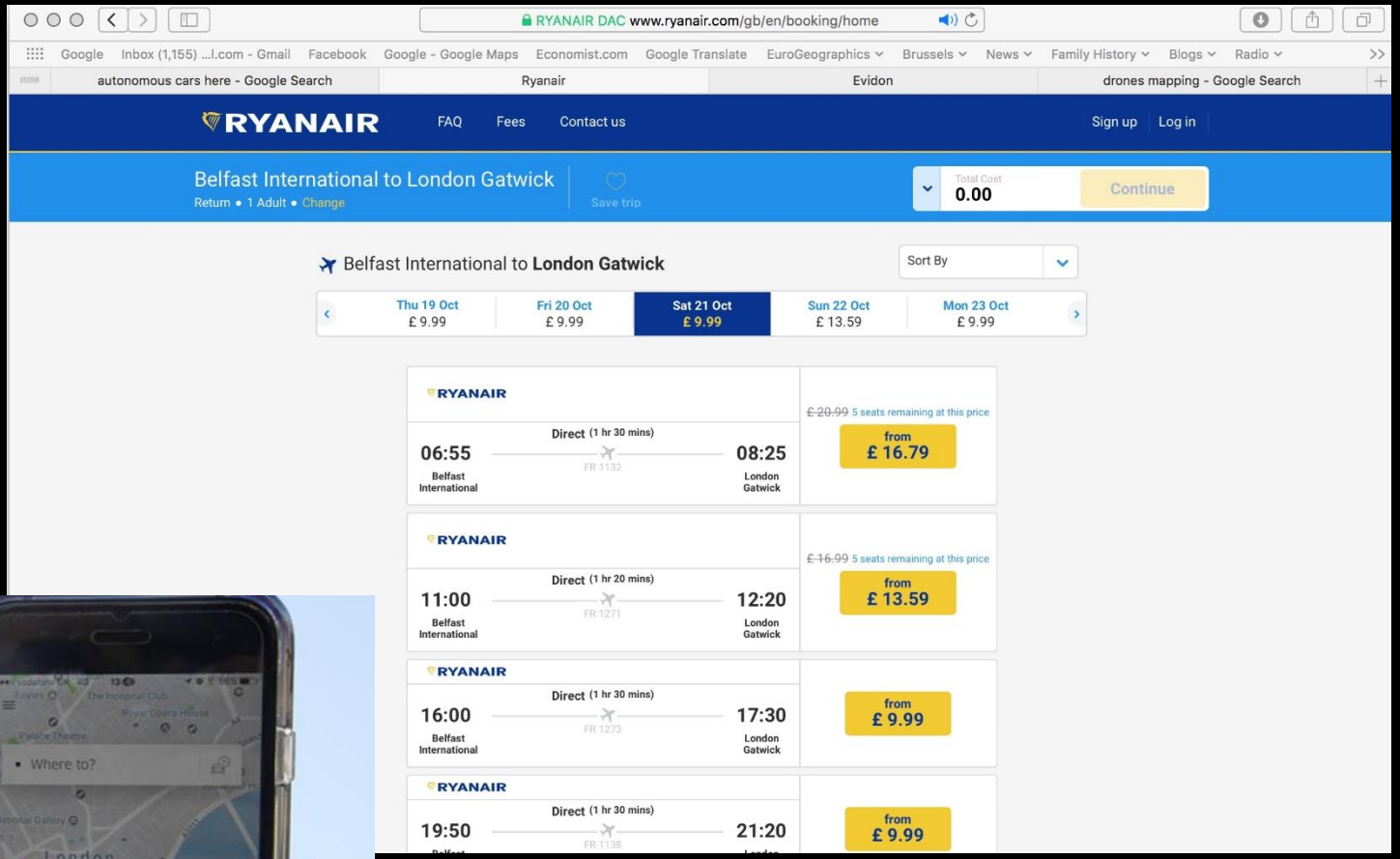
#mapsforeurope

Data Producers Meeting
Lisbon 15 November 2017

EuroGeographics

Trust

IN GOD WE TRUST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RYANAIR
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UBER
Where to?
London

NEWS
CHINA BANS BITCOIN | CRYPTO CURRENCY
PRICES START TO CRASH

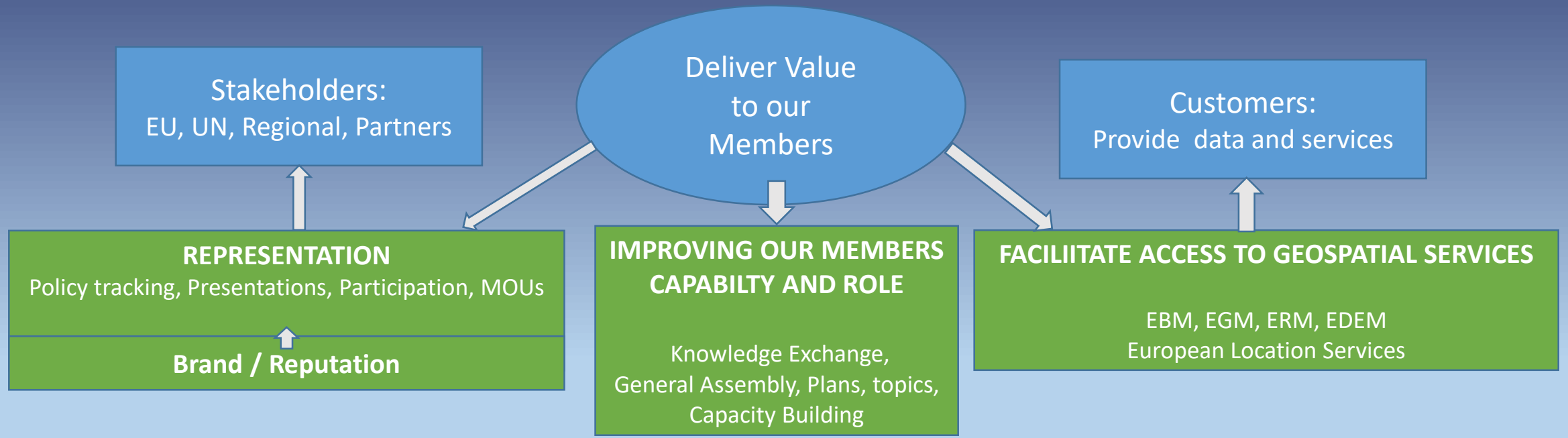
Concerns about:

- trust,
- privacy and
- ownership of data

Requirement for transparency and ‘open’ data from government

Society empowered by our members' authoritative geospatial services

We support the public good by representing our members' interests, maintaining networks that help our members improve their capabilities and role, and by facilitating access to and use of our members' geospatial services



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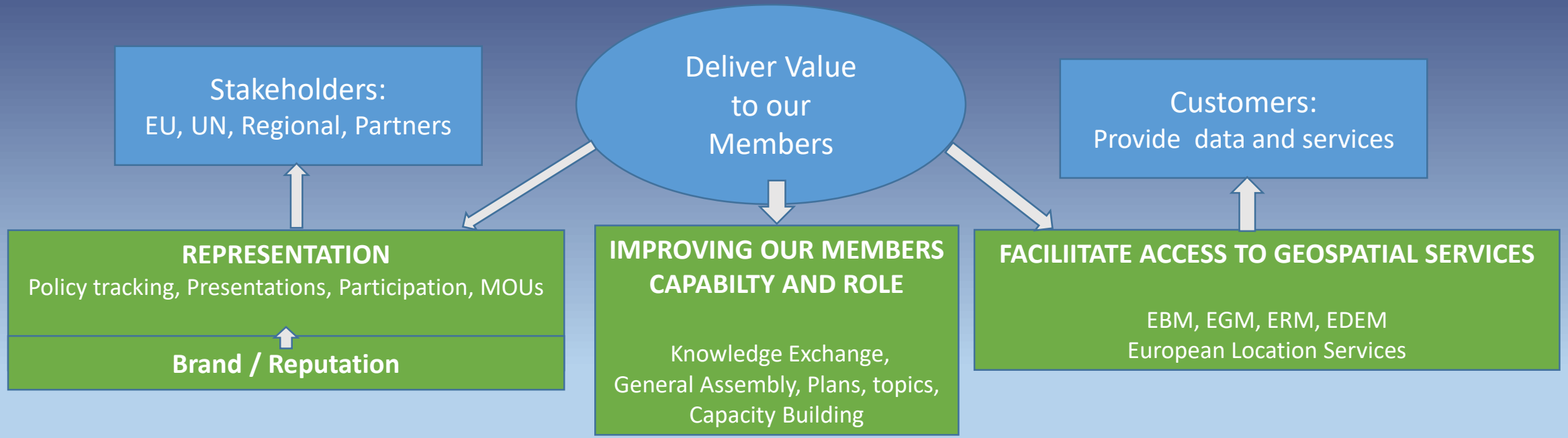
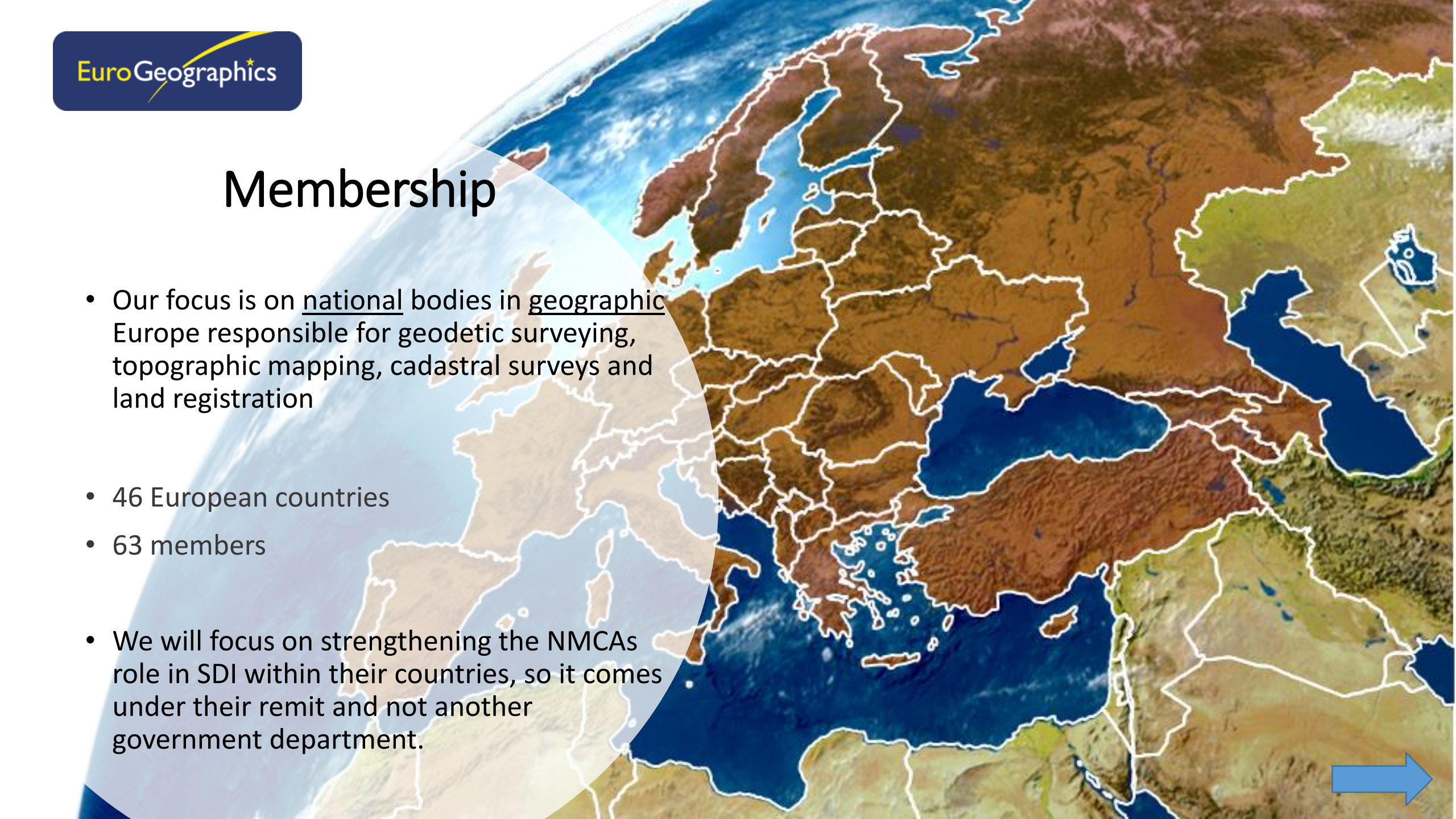


Membership

- Our focus is on national bodies in geographic Europe responsible for geodetic surveying, topographic mapping, cadastral surveys and land registration

- 46 European countries
- 63 members

- We will focus on strengthening the NMCAs role in SDI within their countries, so it comes under their remit and not another government department.



Improving our members' capability and role

- We maintain networks that help our members improve their capabilities and role,
- share best practice
- share experience,
- both with other members and external partners and stakeholders.

Improving our members' capability and role

- BIKEN: Business interoperability
- C & LR KEN: Cadastre and land registry
- Copernicus: Emergency mapping
- INSPIRE: INSPIRE
- PolKEN: Policy
- PosKEN: Positioning/geodesy
- QKEN: Quality
- SBE: edgematching and State Boundaries

- 350 active participants in the current 8 Knowledge Exchange Networks

- Management Board is proactive in agreeing the work programme of KENs, and
- This work, results and outcomes to be shared with the Management Board and other members
- We can develop our role to help others deliver and engage with our members.

External Partnerships

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Strategic Alliances

- Knowledge exchange with an external focus:
- Develop strategic alliances where
  - there is clear value to be gained to EuroGeographics and its members, and
  - in order to avoid duplication of effort
- The best strategic alliance are with organisations that don't overlap in membership or role
- For example : earth observation, geology and national statistics (EFGS)

GEO GROUP ON EARTH OBSERVATIONS

EuroSDR

EUROPEAN FORUM FOR GEOGRAPHY AND STATISTICS

EuroGeoSurveys
European Geoscience for Society
The Geological Surveys of Europe

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Representation

- Represent and enhance our members' interests in:
- Development of pan-national policy and legislation,
- Promote the delivery of our members data through the European Location Services, and
- Develop EuroGeographics position as a responsible player

Our focus is on:

- United Nations – through UN GGIM committee of experts, UN-GGIM: Europe and UNECE
- The relationship with the European Union, Commission and its Institutions
- Other regional and international groups of interest to our members

SDI for Western Balkan

PCC

ARCTIC SDI Arctic Spatial Data Infrastructure

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UN Global Geospatial Information Management Committee of Experts (UN-GGIM)

European NMCAs have an important global role to play

- Important that our members' distinctive voice and interests are heard in the development of global policy.
- EuroGeographics, as an observer, will:
    - Assert our own clear view and position on issues considered
    - Represent our members' interest and support this important global initiative.
    - Help form, communicate and implement UN-GGIM policy in Europe

United Nations

United Nations

Focus on UN Global Geospatial Information Management Committee of Experts (UN-GGIM)

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The relationship between EuroGeographics and UN-GGIM: Europe

As an observer on the UN-GGIM: Europe Executive Committee

- Avoid duplication and emphasise complementarity of the two very different organisations
- Provide the Secretariat through The Netherlands

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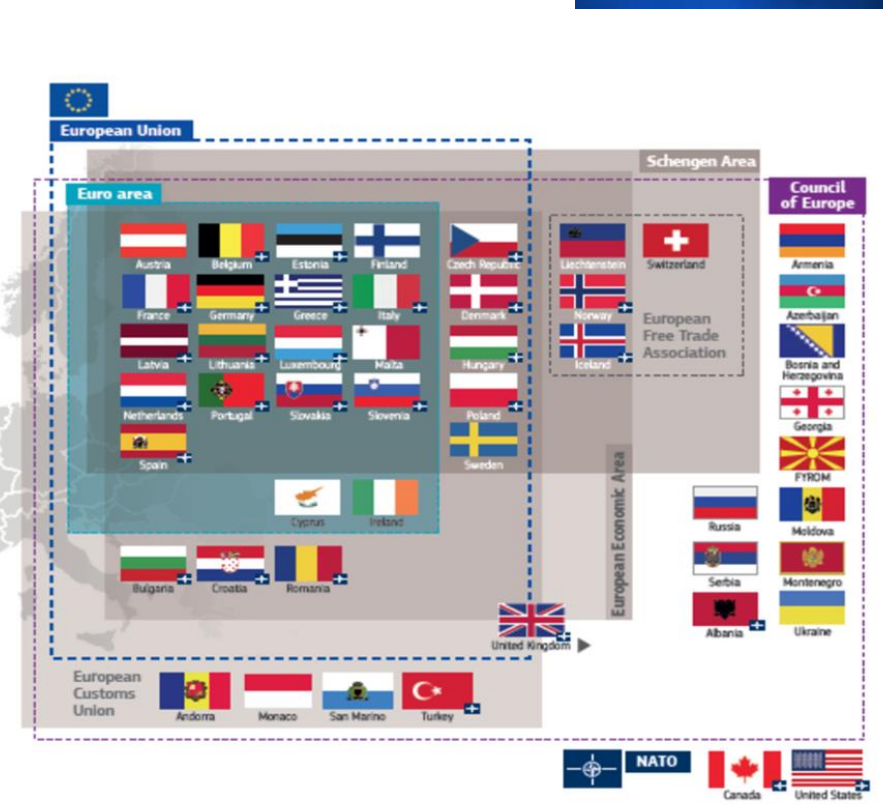
European Union

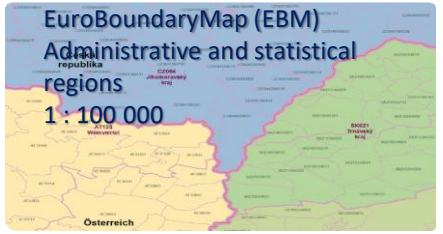
- Our Association is for more than the EU.

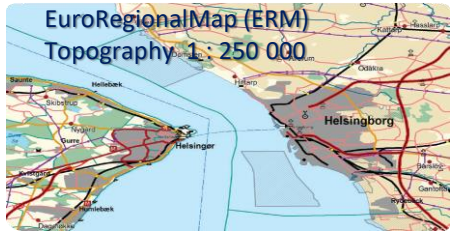
- Influences policy beyond the EU 28 – so EC is our most significant stakeholder.
- This is a relationship we pay particular attention to.
- The EU is an important customer and user of our members data, but the relationship has to be wider than just as a supplier of data or services.

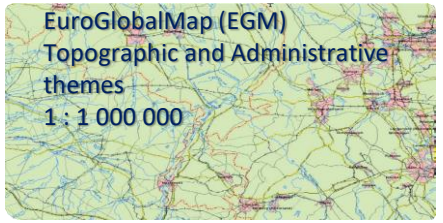


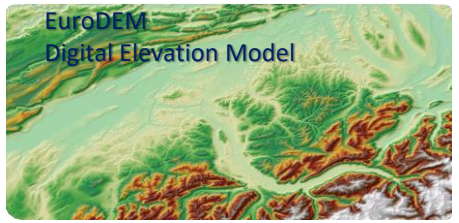
Facilitating Access to our Members' data

- Core strategic goal, achieved through:
  - Representing the importance of our members' authoritative geospatial data and services
  - Provision of pan-European products, and by developing European Location Services









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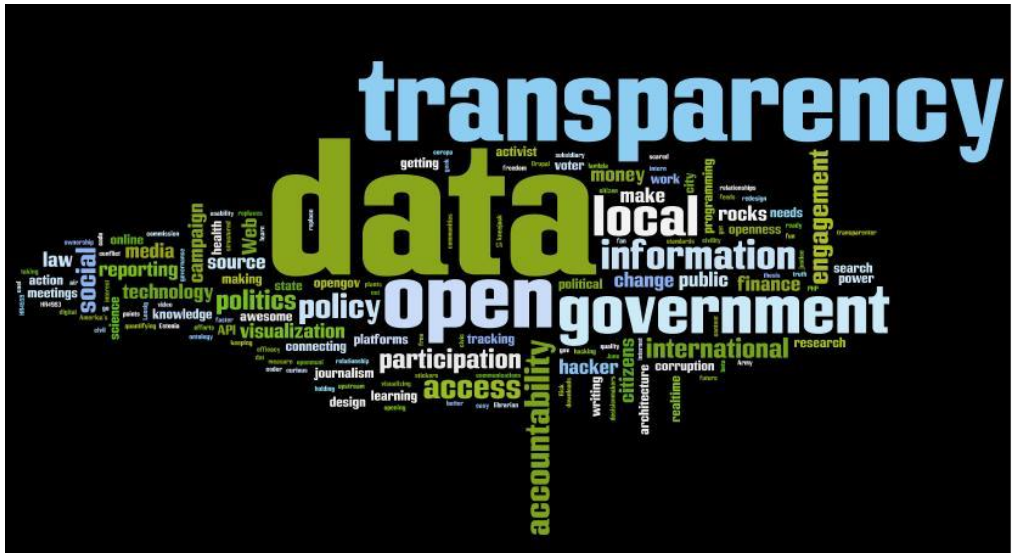
Pan-European products

Product Strategy

- Retaining our existing customer base is essential.
- We will sustain the current product range for the foreseeable future
- The Commission, through Eurostat, remain EuroGeographics largest customer.
- The Commission is not fully ‘joined-up’
- There is a role for EuroGeographics to work with them to help define their requirements better
- The development of European Location Services with a longer-term, integrated product strategy will be addressed.

OPEN Data

- There is a potential that all data may be OPEN but the services (value add) can be charged for
- OPEN is inevitable and therefore must be investigated
- We will be guided by our members who are bound to their national government policy



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Commercial vs Not for Profit

- EuroGeographics is a **not-for-profit** Association
- We raise funds to support our Association's activities.
- Our motive for making a 'surplus' is
  - Not to pay stakeholders in a commercial sense but
  - To deliver value to members, customers and other stakeholders
- It is possible that a partner or partners can help deliver these 'fund raising' activities.
- We need to invest in more market research to understand
  - What the market wants, and
  - The potential for a greater portfolio of products/services

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An Operational European Location Service

- To develop a sustainable, operational European location service,
- building on the ELF Project,
- to deliver pan-European authoritative geospatial data content
- that meets market needs, and
- meets the needs of the European Union.

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About European Location Services

Vision

To provide the single access point for international users of harmonised, pan-European, authoritative geospatial information and services.

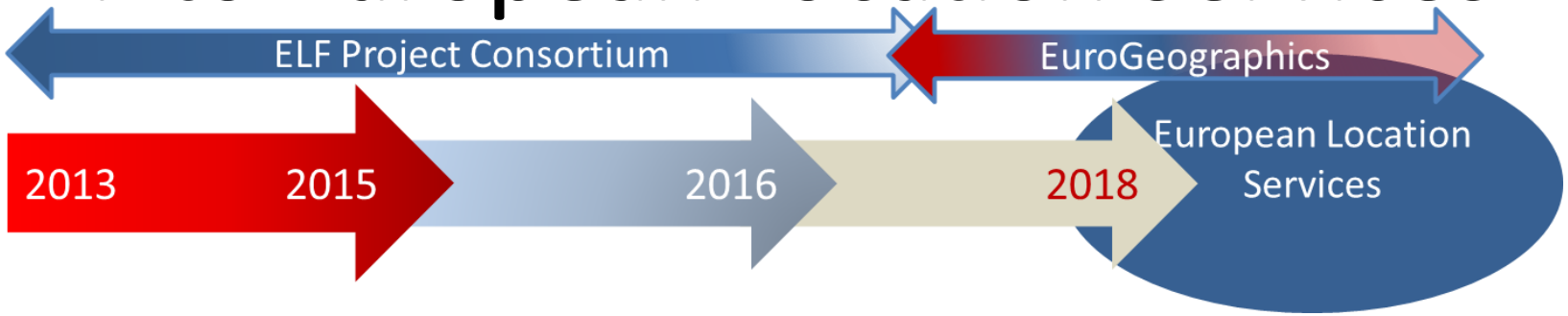
For National mapping, cadastral and land registry authorities to be recognised in our International effort to contribute to the wider public good.

- A single source (gateway) of official, quality-assured data from Europe's National Mapping, Cadastral & Land Registry Authorities (NMCAs)
- Provide authoritative, pan-European data content
- Provide services that complement - but do not compete with - national services developed to meet INSPIRE Directive requirements

Benefits

- Accessed from a **single source** – no need to approach multiple countries, negotiate multiple licenses or pay multiple fees
- Delivered to **common & consistent specifications** – no need for further harmonisation
- Encourages reuse of public sector information (PSI)

From ELF to European Location Services



European Location Framework project

Established standards, tools, technical infrastructure and pilot services – the ELF Platform

Pilot products & services to defined standards (INSPIRE-compliant spatial reference data, harmonised at a cross-border and pan-European level)

Transition Programme (Oct 2016 – Oct 2018)

Build on ELF Platform and hand-over ownership of the ELF platform from ELF Consortium to EuroGeographics

Design and build operational and customer focused services with partners

Establish the organisational model for operations

Operational European Location Services

Provide reliable and efficient products/services for pan-European users

Single point of access for licensing official data on European level

Business model and business case in place

Delivery organisation decided

Operational model implemented

Transition Programme includes "Open ELS project"

- **The Open European Location Services (Open ELS) project is developing pan-European data services using authoritative geospatial information and an associated business model**
- 2 year project funded by European Commission (2016 CEF Telecom Call - Public Open Data (CEF-TC-2016-2), starts in May 2017
- Budget: €2.393.393, European Commission funds 50%
- Integrate Open ELS project into Transition Programme, contributes to developing operational European Location Services

Project Partners

Bundesamt für Kartographie und Geodäsie

EuroGeographics

NLS NATIONAL LAND SURVEY OF FINLAND

Kartverket

Open ELS partners: EGHO, KARTV, KADNL, OSGB, NLSFI, SDGC, IGN-ES, NLS-SE, GUGIK (Volunteering contributors: BEV)

GUGiK

Ordnance Survey

LANTMÄTERIET

GOBIERNO DE ESPAÑA MINISTERIO DE FOMENTO INSTITUTO GEOGRÁFICO NACIONAL

kadaster

GOBIERNO DE ESPAÑA MINISTERIO DE HACIENDA Y FUNCIÓN PÚBLICA SECRETARÍA DE ESTADO DE HACIENDA DIRECCIÓN GENERAL DEL CATASTRO

Open ELS Activities

- Governance - Includes development of policies on data visualisation and representation for international border areas, as well as open data
- Technical Infrastructure - This activity further develops and maintains the technical infrastructure for accommodating national web services and launching Open ELS
- Data Supply Content - The purpose of this activity is to make geospatial data content available in Open ELS for seven priority domains
- User Orientation Requirements - This activity focuses on improving the understanding of users' needs to design, develop and arrange products and services

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Drivers for pan-European Product Development

New methods of consumption

Fulfil need for Pan-European, authoritative data

European Commission Policy

Support Members' INSPIRE Obligations

Support Members in a global market

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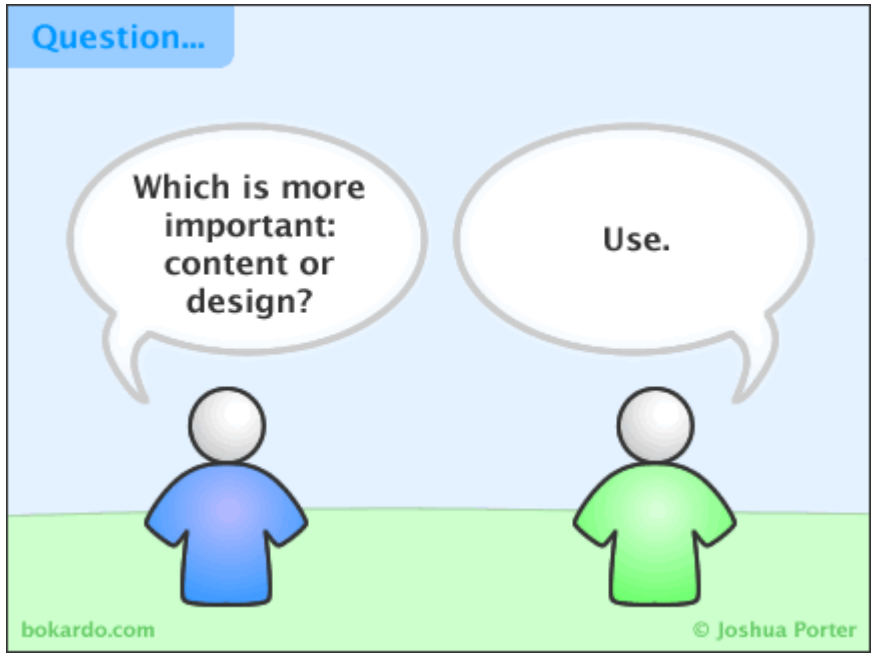
Customer Focus
an opportunity and a challenge



- We must prioritise. European Location Services must be valued.
- Customers will influence the development of European Location Services.

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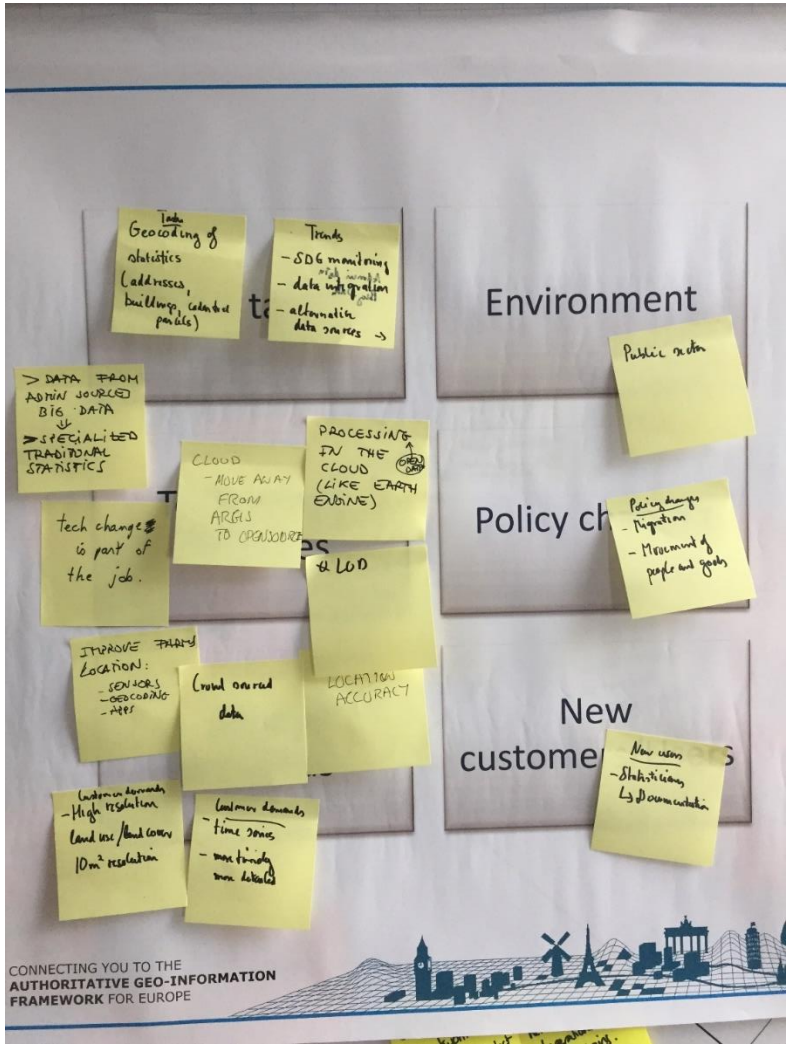
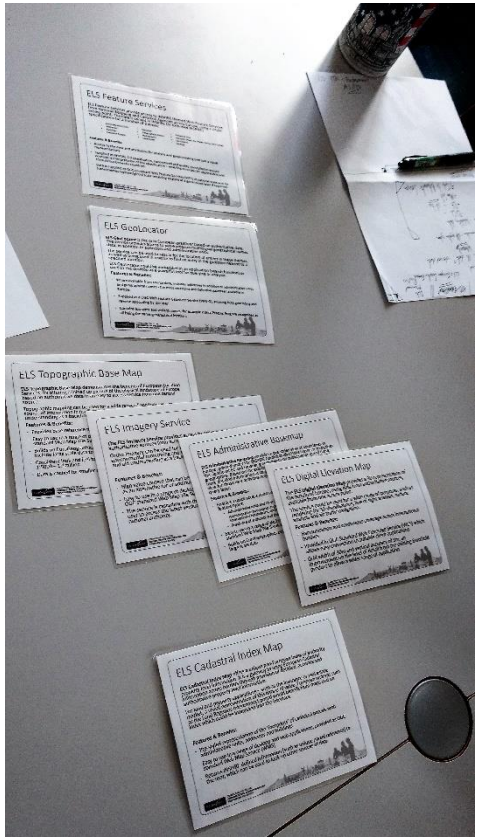
Direct Conversations with Users





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Continue with capacity building for NMCAs

- How can NMCAs' capacities be improved?
- Engagement NMCAs on
  - Needed capacity improvement
  - National/regional workshops
  - Drafting of individual programmes for capacity improvement
- Capacity improvement activities
  - Webinars, presentations, video records
  - Training, consultation
  - Support: specifications, data content, service setup, accessibility (security)
- Two ways of communication
  - Demands vs limited capacities
  - Benefits securing the investments / resources

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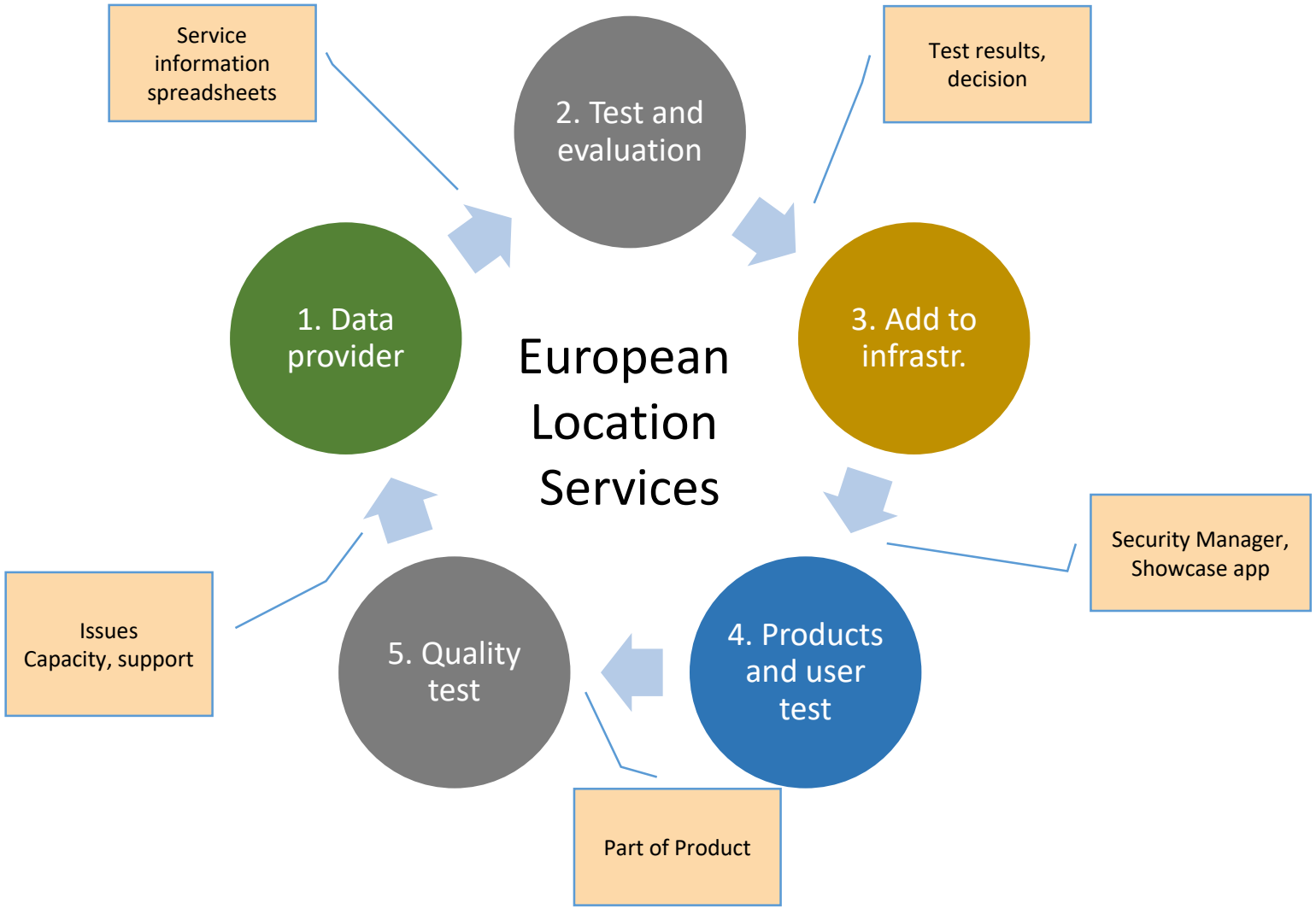
Loop of Data supply processes



Conclusion

- **Open ELS provides European open data services to maximise the:**

- Use of authoritative geospatial information by providing certainty about what is free, what is charged for and under what terms and conditions.

- Benefits of open geospatial information from official national sources by making it easy to find, access and re-use.

- Contribution of public authorities responsible for mapping, cadastre and land registries in delivering user-focused open data for European Location Services.

Challenges

- Diverse legal, fiscal and business models
  Common business model,
  Common pricing and licensing model.
- OPEN data
- National priorities vs European priorities
- National licensing restrictions
- Dependency on INSPIRE
- Unproven market; meeting market needs
- Organisational issues – of coordination and management
- Resources (both financial and people related).

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Location, it gives us our sense of place.

A society empowered by the use of our members' authoritative geospatial services.

www.eurogeographics.org