



Iberian and Latin American Forum of the OGC

V. Jornadas Ibericas de
Infraestructuras de Datos Espaciales

Lisboa, 5.-7. noviembre 2014



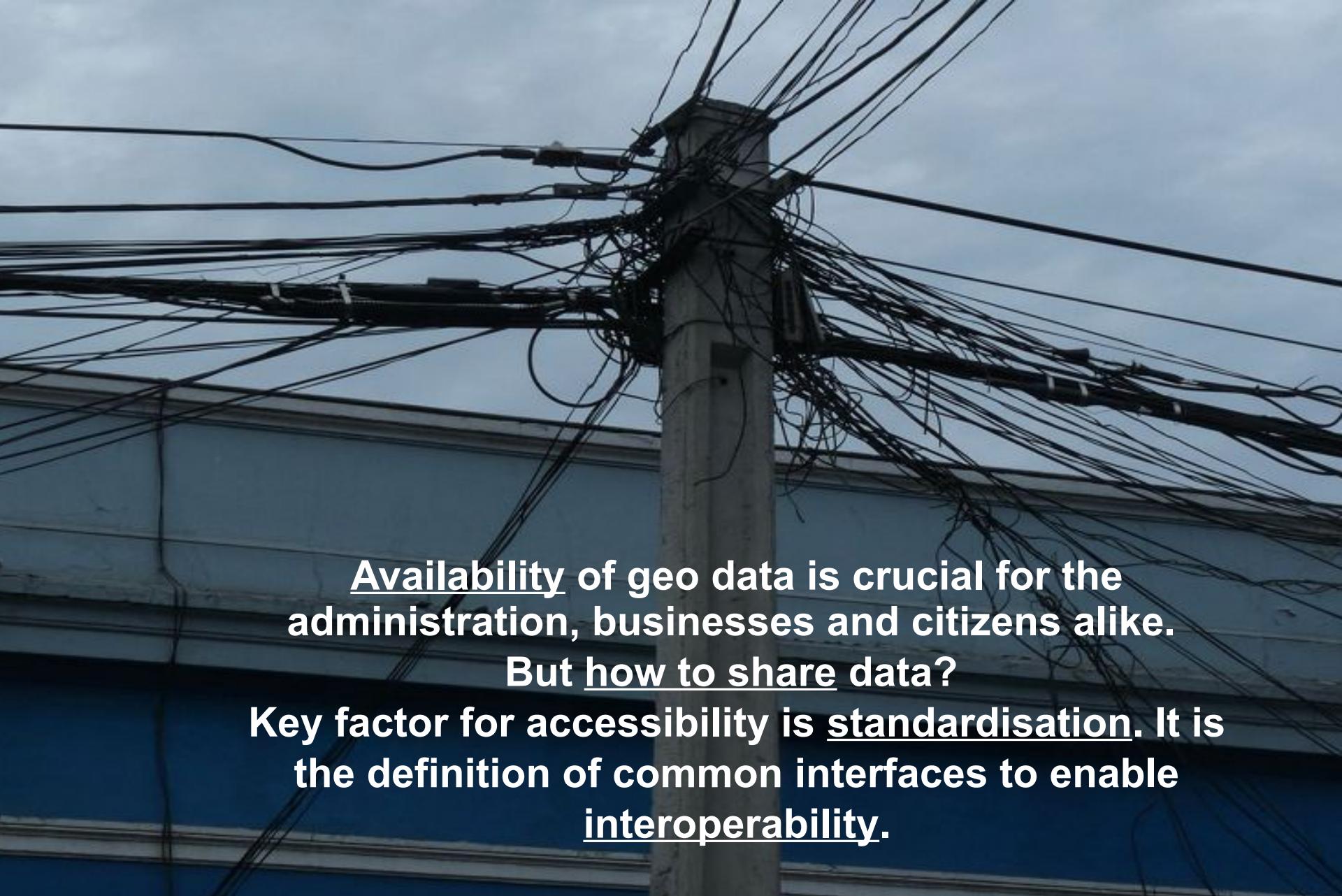
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The presentation is about ...



- ... OGC and OGC programs
- ... the ILAF forum

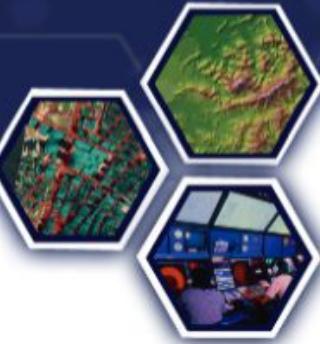
Standards, Interoperability & Data Access

A photograph of a utility pole from a low angle, looking up. The pole is covered in a chaotic web of electrical and telephone wires, all tangled together. The background is a clear blue sky.

Availability of geo data is crucial for the administration, businesses and citizens alike.

But how to share data?

Key factor for accessibility is standardisation. It is the definition of common interfaces to enable interoperability.



Some facts about the OGC



<http://www.youtube.com/ogcvideo>

→ more videos on OGC's Youtube Channel:
<http://www.youtube.com/user/ogcvideo/videos>

OGC at a glance (1)



- Founded in 1994, not for profit, consensus based and voluntary
- 495+ member organisations (industry, government, academia)
(Sept 2014) <http://www.opengeospatial.org/ogc/members>

Spain (15)

- Diputació de Barcelona
- European Union Satellite Centre
- Institut Cartogràfic i Geologic de Catalunya (IDEC)
- INCLAM S.A.
- Indra Software Labs
- Instituto Geográfico Nacional
- Marine Technology Unit (CSIC)
- Prodevelop, S.L.
- SOCIB
- TECNOGEO S.L.
- Universidad Politecnica de Madrid (Grupo Mercator)

- Universitat Autònoma de Barcelona (CREAF)
- Universitat Jaume I
- Universitat Politècnica de Catalunya, UPC (SARTI research group)
- University of Zaragoza

Portugal (2)

- European Maritime Safety Agency
- FEUP (Faculdade de Engenharia da Universidade do Porto)

Brazil (3)

Chile (1)

Colombia (2)

Mexico (4)

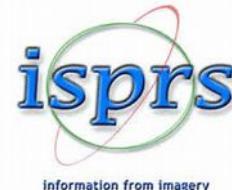
OGC at a glance (3)



- Broad user community worldwide, many policy positions for National and International Spatial Data Infrastructures based on OGC standards



- Cooperation with other standards organisations and foundations, ISO/TC 211, OSGeo, W3C, OASIS and others
<http://www.opengeospatial.org/ogc/alliancepartners>



OGC Activities Driven by Community Needs



Education & Research



Health



Emergency Services, Disaster Management



Consumer Services, Real Time Information



Sustainable Development



Defence



Energy



E-Government



Geosciences: land, sea, air information



and influenced by ...



- **Policy** – addressing the wide variation in policy worldwide related to information -sharing, -access and use, -funding, -privacy, etc.
- **Changing Technology** – The Cloud, Mobile Applications, Geolocated devices and Sensors, Social Networking etc.
- **Language** – not just spoken and written language but: Semantics, vocabularies, content models, ontologies
- **Members, regional requirements, public input** – and many more





OGC Programs & Processes



OGC

Requirements ①

Requirements

Requirements

②

①

Interoperability
Program

Prototype
Implementations

Adopted
Standards

③

Standards
Program

Gaps and
Enhancements

④

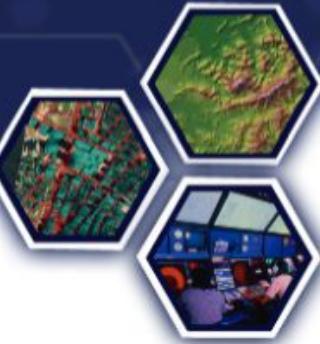
Communications
and Outreach

Product
Implementations

Compliance
Program

Requirements

↑



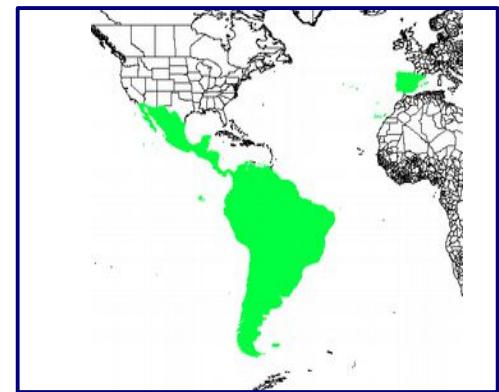
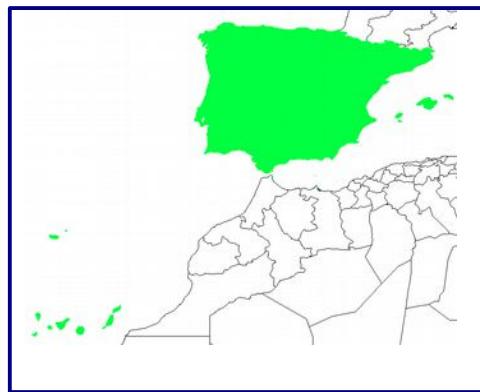
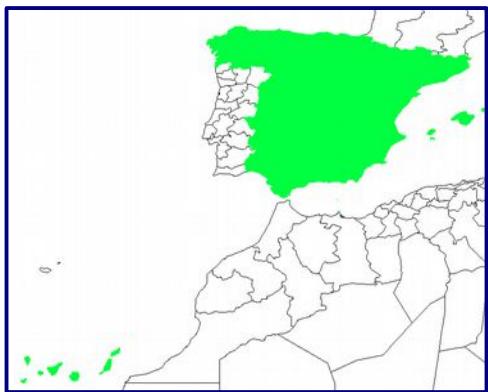
El Foro ILAF



Content of the next slides are provided by Joan Masó, Celia Sevilla and Imma Serra

Activities – Details

Iberian and Latin-American Forum



Hablar - Hacer - Influir

Latest OGC blog on ILAF -
<http://www.opengeospatial.org/blog/2043>



¿Qué tenemos?

- **Una lista de correo**

- ilaf.forum@lists.opengeospatial.org
- <https://lists.opengeospatial.org/mailman/listinfo/ila.forum>

- **Una página wiki pública**

- http://external.opengeospatial.org/twiki_public/bin/view/ILAFpublic/WebHome

- **Boletín Mensual – Rincón ILAF**

- http://external.opengeospatial.org/twiki_public/ILAFpublic/RinconOGC

- **Un folder interno en el portal OGC (sólo miembros OGC)**

- http://portal.opengeospatial.org/?m=projects&a=view&project_id=354

- **Una página twiki privada (sólo miembros OGC)**

- <http://portal.opengeospatial.org/twiki/bin/view/ILAF/WebHome>



Summarizing

Why to get engaged in OGC Programs?



- Address interoperability requirements
- Improve choice and competition in the marketplace
- Reduce technology risks
- Opportunity to cooperatively develop and influence open standards
- Early insight into user requirements for interoperability
- Bring new standards-based products and services into the marketplace earlier
- Broaden market reach via products that implement OGC standards ... and many more...

Summarizing



- avoid re-inventing the wheel, duplication of work and efforts
- interoperability & open standards help to sustain investments
- cooperation on international level is key to success

Thank you for your attention Questions? Get involved!

OGC Market Report
„Open Standards in
INSPIRE“
[http://www.opengeospatial.org/press
room/marketreport/inspire](http://www.opengeospatial.org/pressroom/marketreport/inspire)

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