



The Open Geospatial Consortium – how to participate

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INSPIRE and open standards for sustainable growth
Steven Ramage (OGC) and Athina Trakas (OGC)

Athina Trakas
Open Geospatial Consortium
Director European Services
atrakas@opengeospatial.org
<http://www.opengeospatial.org>

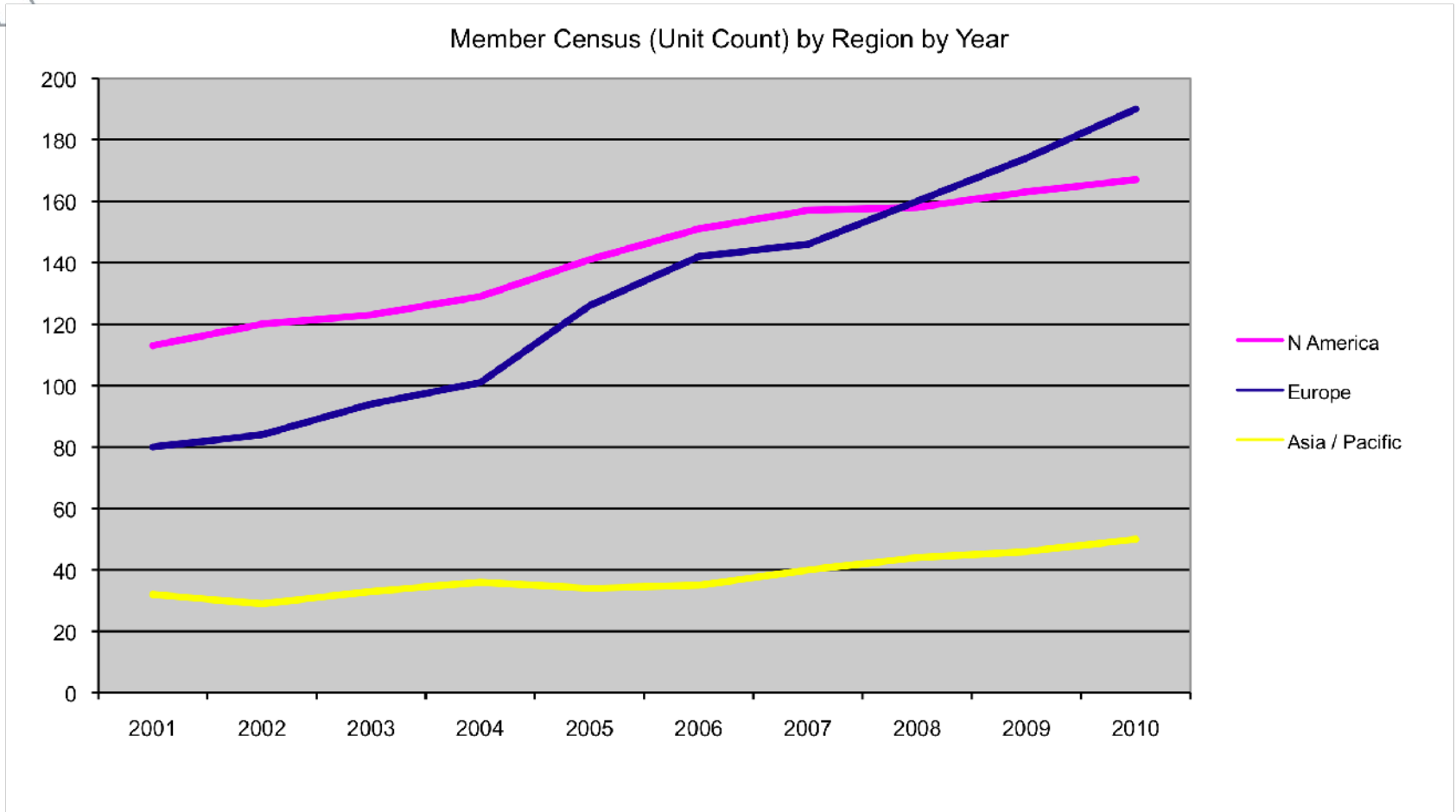
OGC at a Glance



- Founded in 1994, not for profit, consensus based and voluntary
- 415+ member organisations (industry, government, academia) (June 2011) <http://www.opengeospatial.org/ogc/members>
- 30+ adopted OGC Standards (some are ISO Standards) <http://www.opengeospatial.org/standards>
- Several hundred software products, implementing OGC Standards <http://www.opengeospatial.org/resource/products>
- Cooperation with other standards organisations, foundations and projects <http://www.opengeospatial.org/ogc/alliancepartners>

OGC at a Glance: Members worldwide

<http://www.opengeospatial.org/ogc/members>



Europe: 199

North America: 159

Asia/Pacific: 54

OGC

What does OGC do?



The Vision

Achieve the full societal, economic and scientific benefits of integrating location resources into commercial, institutional and organisational processes worldwide.

The Mission

To serve as a global forum for and lead the development, promotion and harmonization of open and freely available geospatial standards.

Interoperability?



“... a break-of-gauge adds delays, cost, and inconvenience to traffic that must pass from one gauge to another.” Source:
<http://en.wikipedia.org/wiki/Break-of-gauge>



Source:
<http://www.wis.co.uk/andy/16mm/scale-and-gauge.html>



Source:
<http://sinfin.net/railways/tourist/touristcym.html>



Source:
http://en.wikipedia.org/wiki/File:001015_gauge_buster.jpg

OGC Interoperability



OGC members identify interoperability problems:

- „We can't share maps on the Web.“
- „We can't deliver data to different systems easily.“
- „We don't have a common language to speak about our geospatial data or our services.“
- „We can't find and pull together data from our automated sensors.“

OGC's Approach to Advancing Interoperability

<http://www.opengeospatial.org/projects>



- ***Interoperability Program (IP)***

a global, innovative, hands-on prototyping and testing program designed to accelerate interface development and validation, and bring interoperability to the market.

Rapid Interface Development

Standards Setting

- ***Standards Program (SP)***

Consensus processes similar to other Industry consortia (World Wide Web Consortium etc.)

Market Adoption

- ***Marketing and Communication Program (MCP)***

- Education and training, encourage take up of OGC standards, business development, communications programs.

How to participate?

<http://www.opengeospatial.org/projects>



Standards Program (SP) Participate through:

(i) Domain Working Groups: Forum for discussion and documentation of interoperability requirements for a given information or user community, Informal presentations and discussions about the market use of adopted OGC Standards (<http://www.opengeospatial.org/projects/groups/wg>)

(ii) Standards Working Groups: Edit and approve a candidate standard for public comment, Consider official Change Request Proposals to an existing OGC Standard and make changes to the standard as necessary (<http://www.opengeospatial.org/projects/groups/swg>)

How to participate?

<http://www.opengeospatial.org/projects>



Interoperability Program (IP Program)

Participate through: testbeds, interoperability experiments or pilot projects, where sponsors and participants (usually OGC members) work together solving interoperability requirements, results might be: “demonstrable” implementations, engineering reports etc
(<http://www.opengeospatial.org/ogc/programs/ip>)

Compliance & Interoperability Testing (CITE)

Ongoing initiative that develops tests for OGC standards in order to increase systems interoperability while reducing technology risks
(<http://cite.opengeospatial.org/> and <http://www.opengeospatial.org/compliance>)

Avenues for Public Input



- **Public Domain Working Groups**

- Aviation DWG

- <http://www.opengeospatial.org/projects/groups/aviationdwg>

- Hydrology DWG

- <http://www.opengeospatial.org/projects/groups/hydrologydwg>

- Meteorology and Oceans DWG

- <http://www.opengeospatial.org/projects/groups/meteodwg>

- **Business Value Committee**

- <http://www.opengeospatial.org/projects/groups/businessvalue>

- <https://lists.opengeospatial.org/mailman/listinfo/business.value>

- Understand and articulate the advantages of developing and using OGC standards

- Enable the wider community of stakeholders to leverage business value as a tool to foster investment and implementation

Avenues for Public Input (2)



- **Requests for Information**
- **Requests for Comment**
- **Call For Participation**
- **OGC Network**

<http://www.ogcnetwork.net/>


- **Change Requests and New Requirements**

<http://www.opengeospatial.org/standards/requests>

http://portal.opengeospatial.org/public_ogc/change_request.php

- **Fast track process**

<http://www.opengeospatial.org/pressroom/newsletters/201006/#C3>

**Current Requests and Initiatives**

- » **OGC seeks comment on PUCK standard for sensors and transducers**
- » **Request for Comments on Earth Observation Metadata profile of the OGC Observations and Measurements Standard**
- » **OGC Requests Web Map Tile Service (WMTS) Reference Implementations**
- » **OGC announces Indoor Navigation Discussion Paper**
- » **More...**

What is it all about?



- **OGC stands for Interoperability and you can make it real:**
 - Organizational: global agenda, membership and Board of Directors, Global Advisory Council
 - Cultural: national and regional forum activities, networking opportunities
 - Legal: OGC Spatial Law and Policy Committee
 - Technical: Standards development, testing and compliancy

Some closing thoughts



- Contribute and work together – participate in the international standardisation process
- Avoid „consuming attitude.“ - don't re-invent the wheel.
- Help leveraging European requirements directly to an international level

“What we are doing is facilitating a common picture of reality for different organizations which have different views of the reality, the disaster, the catastrophe, that they all have to deal with collectively.”

David Schell
CEO and Chairman
OGC

Questions?

Get involved!



Athina Trakas

**Director European Service
OpenGeospatial Consortium**

**Heerstr. 162
53111 Bonn**

Tel.: +49 – 228 – 54 88 99 42

Mobil: +49 – 173 – 211 2623

eMail: atrakas@opengeospatial.org

web: <http://www.opengeospatial.org>