

Free & Open geospatial software, data and standards:

A sustainable ecosystem for industry-academia synergy

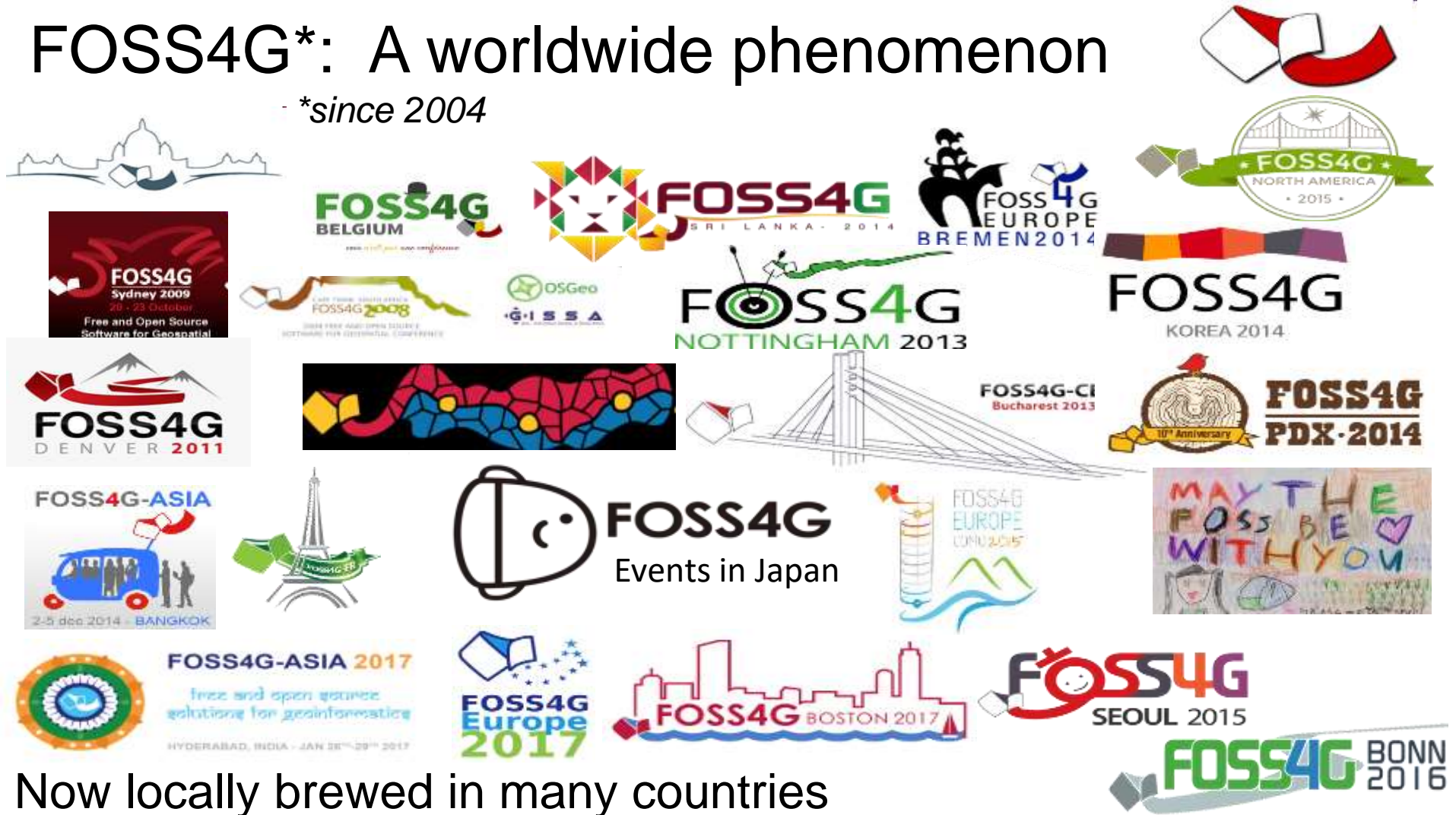
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Osaka City University, Japan
President, OSGeo Foundation



FOSS4G = Free & Open Source Solutions for Geoinformatics

FOSS4G*: A worldwide phenomenon

**since 2004*



Now locally brewed in many countries

To support the collaborative development of open source geospatial software, and promote its widespread use.

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@gwf2017



Chair: Dr. Swarna Subbarao

OSGeo Software Code vetting

Legal aspects

License compliance (e.g., GPL, MIT etc.)

No illegal code copying

Ensure that 3rd party contributions are clean

Full transparency and peer review help to minimize risk.

Apache or OSGeo Foundation

Incubation phase

Graduation

<http://incubator.apache.org>

<http://www.osgeo.org/incubator>



Open Source & Proprietary Software

- We use the same language and tools
- We strive to achieve geospatial interoperability
- We ❤️ Open Data
- Same goal, paths are many



Tie-ups with Global & National Organizations



and more...

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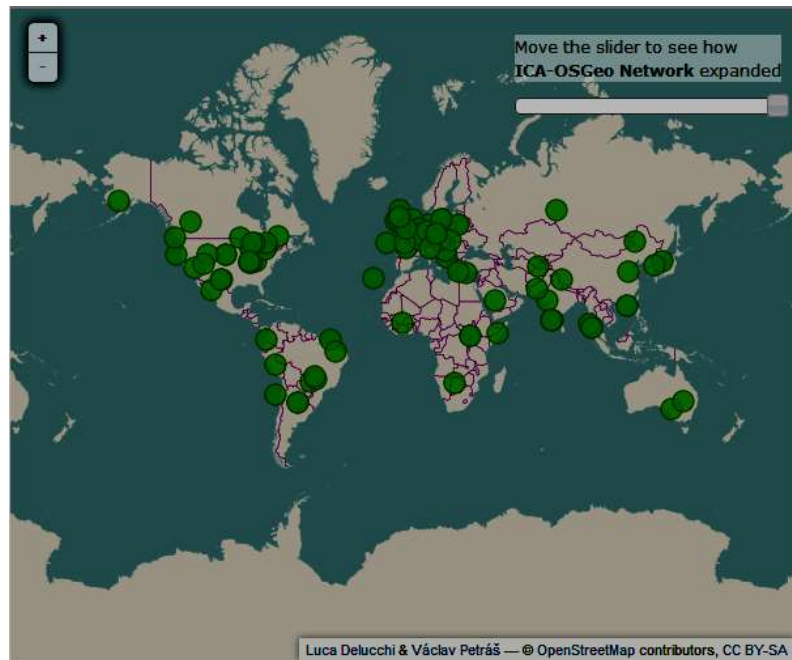
Geobeyond
Making Geospatial Happen

GeoForAll: co-creation of knowledge and academia and enterprise



- Establishing research and teaching opportunities in 'Open Geospatial Science'
- Build global open access teaching and research infrastructure
- Provide worldwide learning platforms and training opportunities
- Establish collaborations between Academia, Government and Industry around Open Geospatial Science and Education

GeoForAll Labs: OSGeo outreach project



114 labs established
worldwide as of
24 January, 2017



Google Summer of Code

- OSGeo is mentor organization since 2007.
- Majority of mentors from Industry.

- **“Leading” Academia-Industry collaboration**
Either can lead, depends on budget commitment
- **Ways for industry to engage with academia**
idea/hackathons, publish, certification, summer-of-research for young professionals, more summer-of-code for students...
- **Steps required to change mindset?**
Increase awareness of Open Source Licenses. Open Source can be commercial, Proprietary can gain with Open Source software
- **Any known success stories?**
OSGeo Software projects, GeoForAll, UN-OpenGIS....

Towards a Digital India powered by FOSS4G and Academia-Industry Collaboration!

