



Open
Geospatial
Consortium

Space Partitions Code Sprint

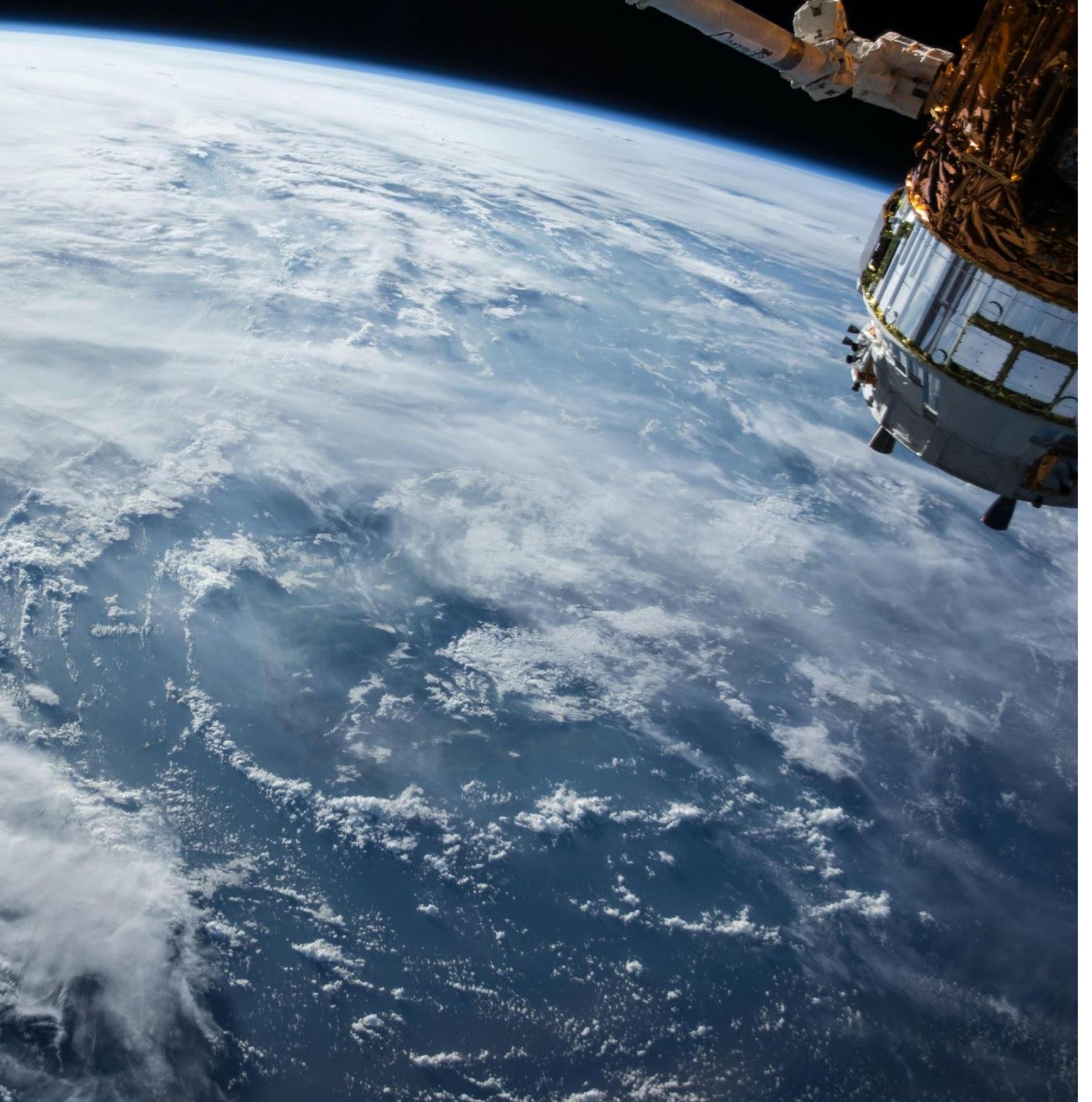
#Day1 - Kick-off

10-12th May, 2022



Agenda

- Welcome Remarks
- Sprint Goals
- Q & A





What is OGC?

A hub for thought leadership, innovation, and standards for all things related to location

Our Vision

Building the future of location with community
and technology for the good of society

Our Mission

Make location information Findable, Accessible,
Interoperable, and Reusable (FAIR)

Our Approach

A proven collaborative and agile process combining consensus-based
standards, innovation project, and partnership building



Who Are Our Members?

Commercial

Business Development

Global: Brand Exposure

Competitive Technical Advantage

Funding for Innovation

Government

Innovation & Market Support

International Partnerships

Trusted Advice

Operational Policy

Support & Certification

Research & Academia

Applied Research Partners

International Collaboration

Funding for Innovation

Citations

Welcome 🙌

Space Partitions Code Sprint (10th-12th May)

A **Code Sprint** is a collaborative and inclusive event to support the development of new applications and open standards, as well as creating awareness about the standards.

Sprint Structure (2x speeds)

The sprint will take place on the OGC
Events Discord Server.



Main Track
General channels



Mentor Stream
Mentoring channels

Main Track

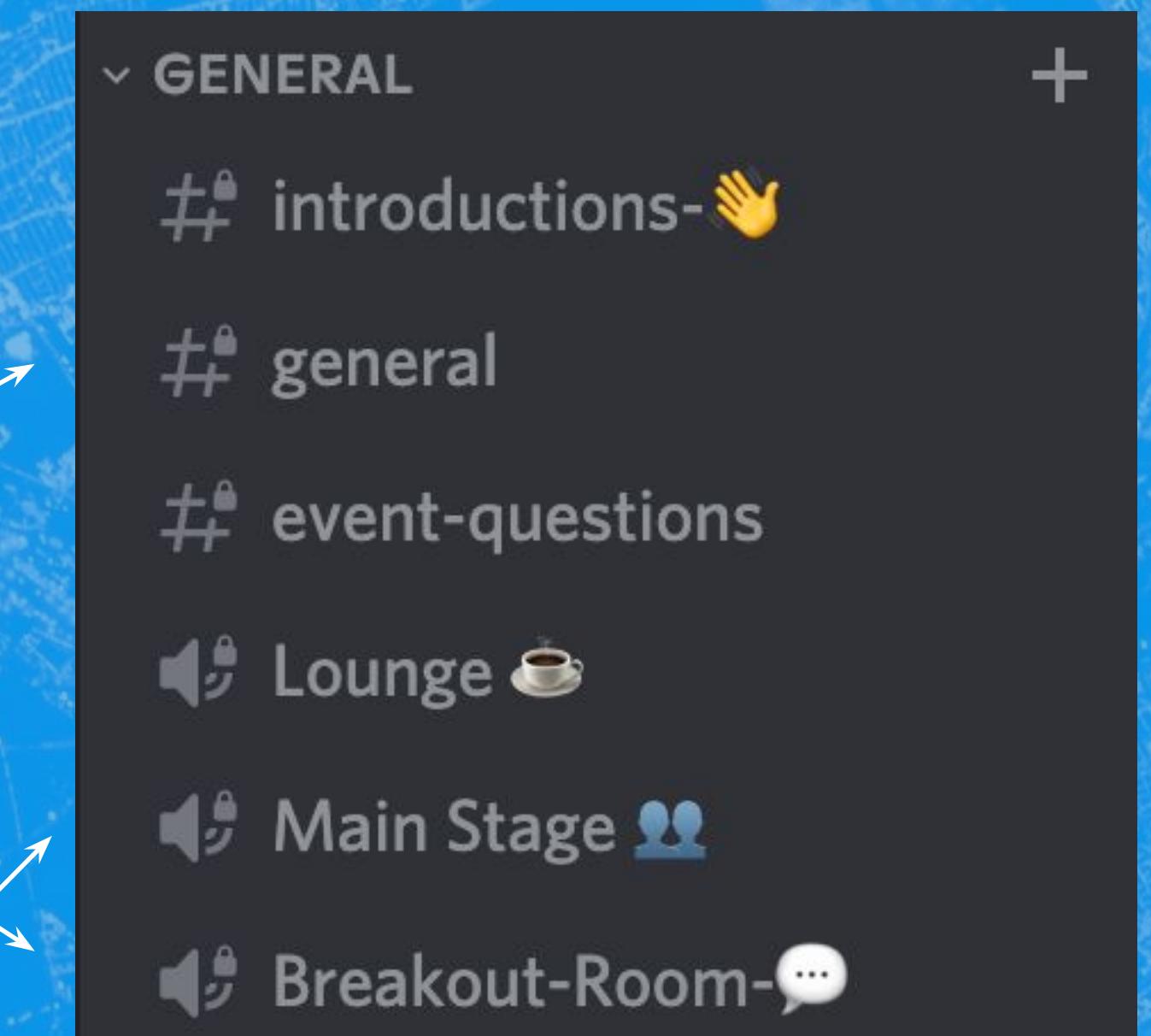


Developers will be working at their own pace:

- Developing standards implementations.
- Testing standards implementations.
- Providing feedback.

Discussion and knowledge sharing

Meet at given checkpoints

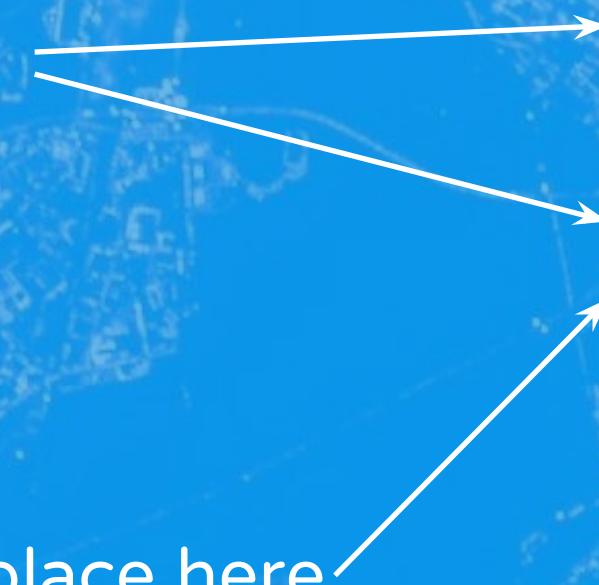


Mentor Stream



Developers will have the opportunity to give their first steps, using the standards or implementations of the standards.

You can find mentoring here



Tutorials will take place here



A dark-themed sidebar with a list of channels under the heading "MENTORING". The sidebar includes a collapse arrow, a plus sign for adding more channels, and small icons next to each channel name.

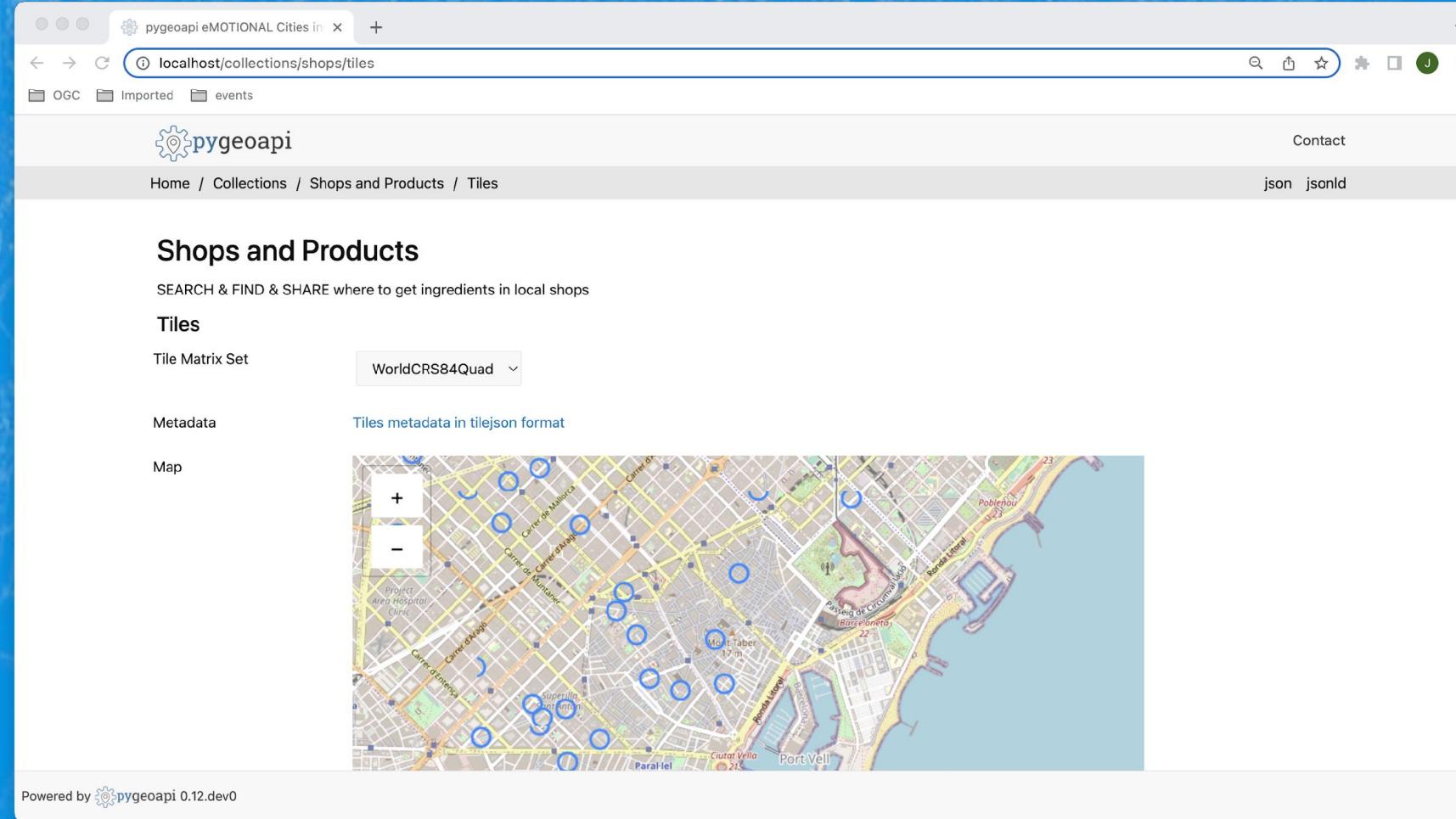
- collapse arrow MENTORING +
- # whois
- # find-a-mentor
- # mentor-room-📚
- 🔊 Mentor Room 📚

Tutorials



Tuesday, 10:00-10:45am EDT/
2:00-2:45pm UTC

Serve Vector Tiles with OGC API Tiles



Tuesday, 3:30-4:00pm EDT/
7:30-8:00pm UTC

Testing implementations of OGC API - EDR for Compliance to the Standard



Day #1 - Tuesday, the 10th of May, 2022

2022-05-10		Day #1: Kick-Off	
	07:00 - 07:25	Welcome Remarks - Joana Simoes	V:  #Main Stage
	07:25 - 07:45	Sprint Goals for OGC API - DGGS, Tiles, Coverages and EDR	V:  #Main Stage
	07:45 - 08:00	Q&A	V:  #Main Stage
	08:00 - 16:30	Practical work	V:  #Breakout Room
	16:30 - 17:30	Daily Brief Back	V:  #Main Stage

Day #2 - Wednesday the 11th of May, 2022

2022-05-11		Day #2	
	07:00 - 09:00	Practical work	V:👤 #Breakout Room
	09:00 - 10:00	Stand-up & demos	V:🏛️ #Main Stage
	10:00 - 12:30	Practical work	V:👤 #Breakout Room
	12:30 - 13:00	Issues & concerns	V:🏛️ #Main Stage
	13:00 - 16:30	Practical work	V:👤 #Breakout Room
	16:30 - 17:30	Daily Brief Back	V:🏛️ #Main Stage

Day #3 - Thursday, the 12th of May, 2022

2022-05-12		Day #3: Final Day	
	07:00 - 09:00	Practical work	V:👥 #Breakout Room
	09:00 - 10:00	Stand-up & demos	V:🏛️ #Main Stage
	10:00 - 12:30	Practical work	V:👥 #Breakout Room
	12:30 - 13:00	Issues & concerns	V:🏛️ #Main Stage
	13:00 - 15:30	Practical work	V:👥 #Breakout Room
	15:30 - 16:30	Demos	V::钲 GotoMeet
	16:30 - 17:30	Wrap-up	V::钲 GotoMeet

More Information

GitHub repo:

<https://github.com/opengeospatial/developer-events/>

Wiki page:

<https://github.com/opengeospatial/developer-events/wiki/Space-Partitions-Code-Sprint>

<https://tinyurl.com/space-partitions>

Sprint Goals for OGC API – DGGs

An aerial photograph taken from an airplane window, showing a vast landscape below. The terrain is covered in patches of white, likely snow or ice, with darker areas representing vegetation or roads. In the distance, a range of mountains with snow-capped peaks is visible against a clear blue sky. The perspective is looking down and slightly forward, with the horizon line roughly in the middle of the frame.

Sprint Goals for OGC API - Tiles

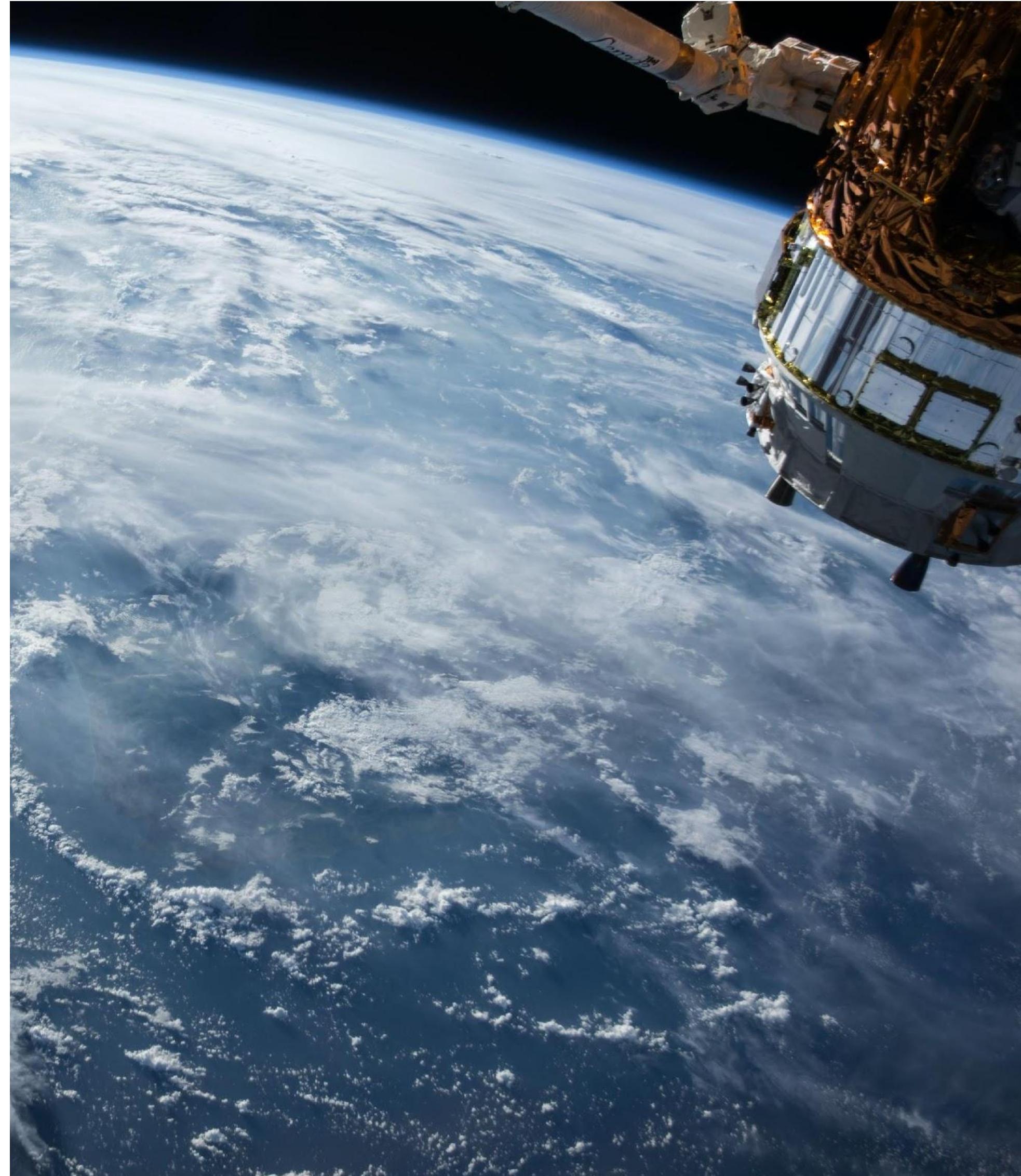
An aerial photograph taken from an airplane window, showing a vast landscape below. The terrain is covered in patches of white snow, likely fields or pastures, interspersed with darker areas. In the distance, a range of mountains is visible, their peaks also capped with snow. The sky above is a clear, pale blue, and the horizon line is straight, suggesting a high altitude. The overall scene is serene and expansive.

Sprint Goals for OGC API - Coverages

An aerial photograph taken from an airplane window, showing a vast landscape below. The terrain is predominantly covered in white snow, with dark, winding roads and patches of vegetation visible. In the distance, a range of mountains with snow-capped peaks stretches across the horizon under a clear blue sky.

Sprint Goals for OGC API - EDR

An aerial photograph taken from an airplane window, showing a vast landscape below. The terrain is predominantly dark blue and black, suggesting snow or ice-covered ground. In the distance, there are large, white, puffy clouds. The sky above is a clear, pale blue. The overall scene conveys a sense of altitude and perspective.



Thank You

Community

500+ International Members
110+ Member Meetings
60+ Alliance and Liaison partners
50+ Standards Working Groups
45+ Domain Working Groups
25+ Years of Not for Profit Work
10+ Regional and Country Forums

Innovation

120+ Innovation Initiatives
380+ Technical reports
Quarterly Tech Trends monitoring

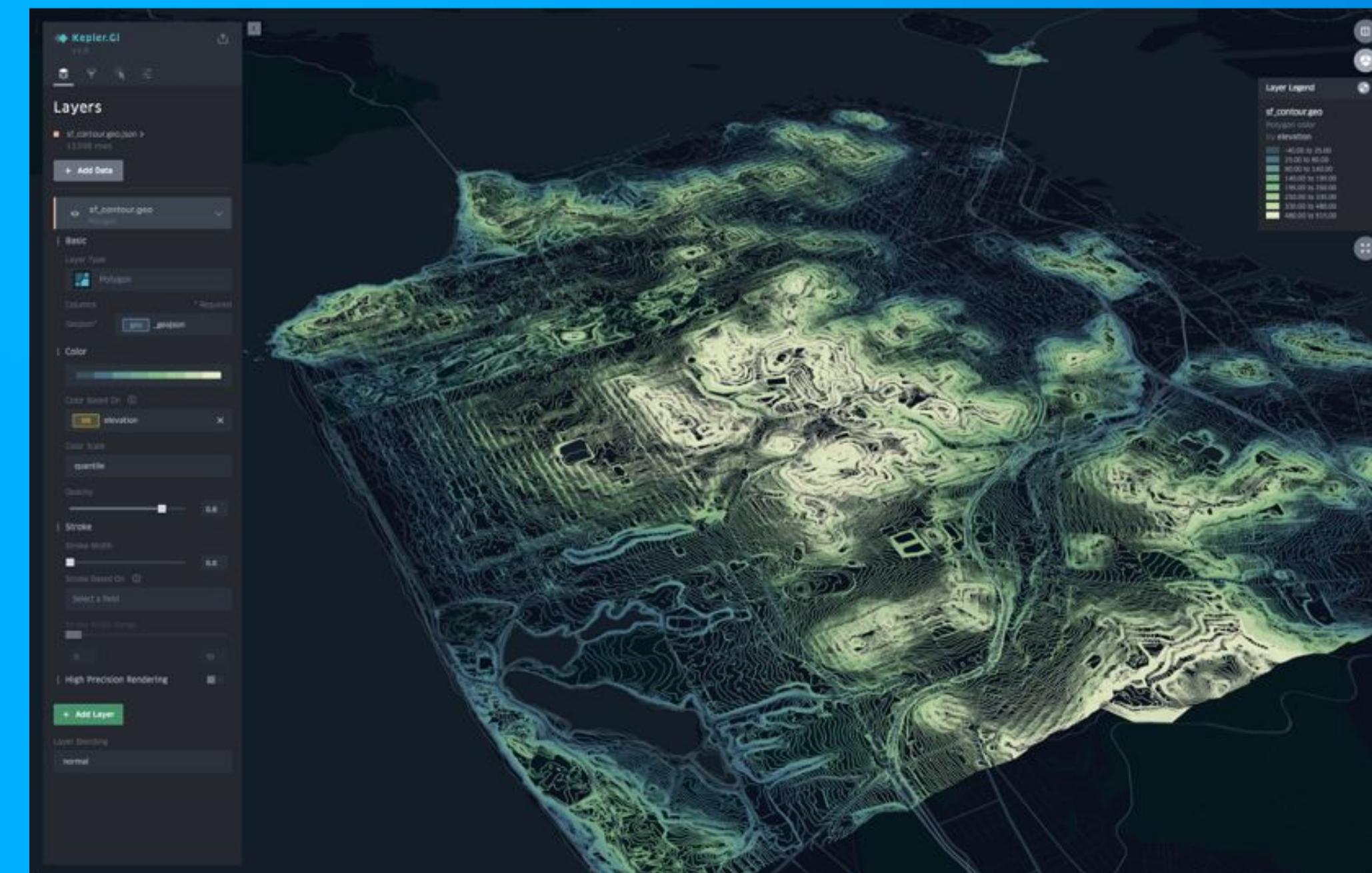
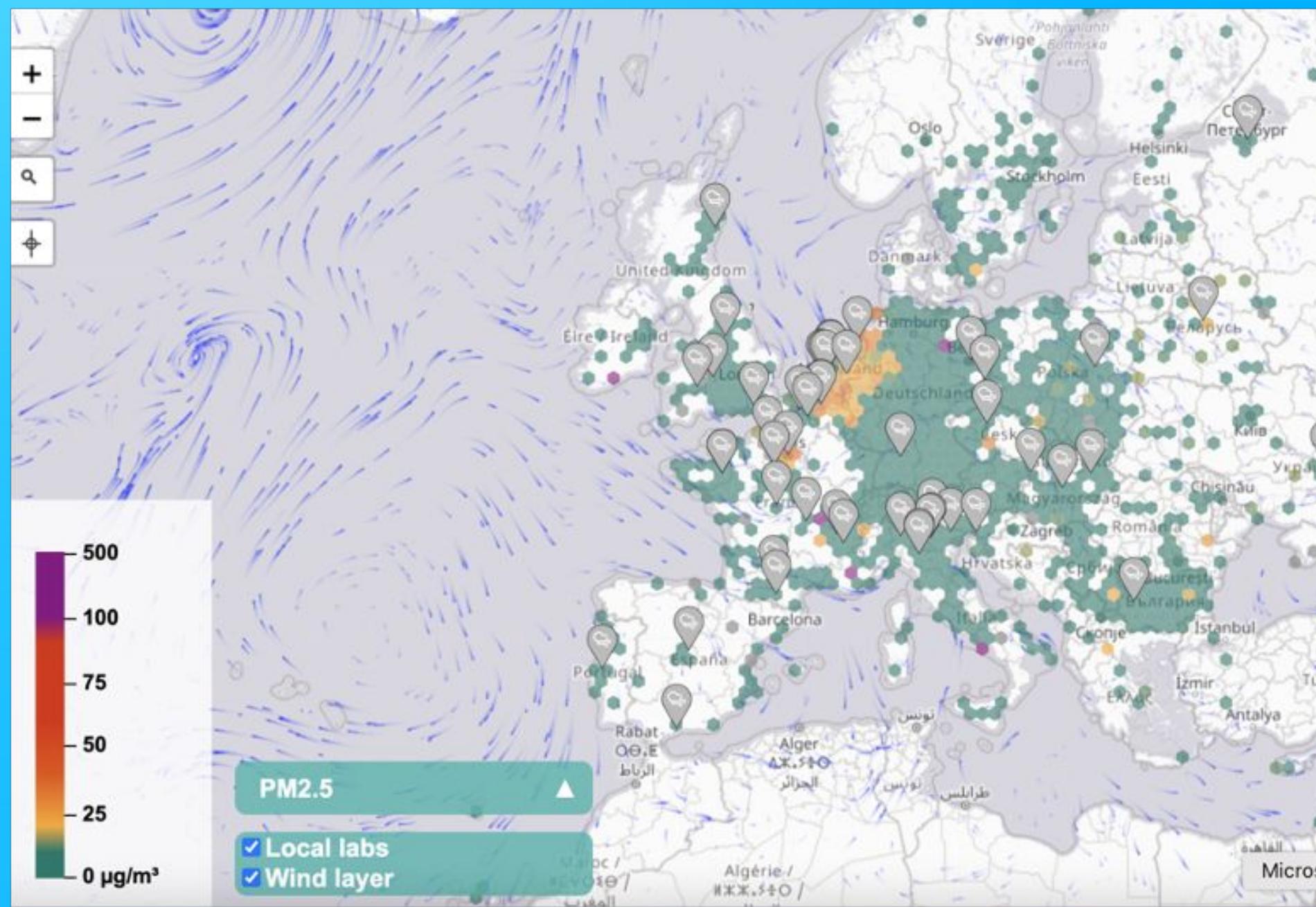
Standards

65+ Adopted Standards
300+ products with 1000+ certified implementations
1,700,000+ Operational Data Sets
Using OGC Standards



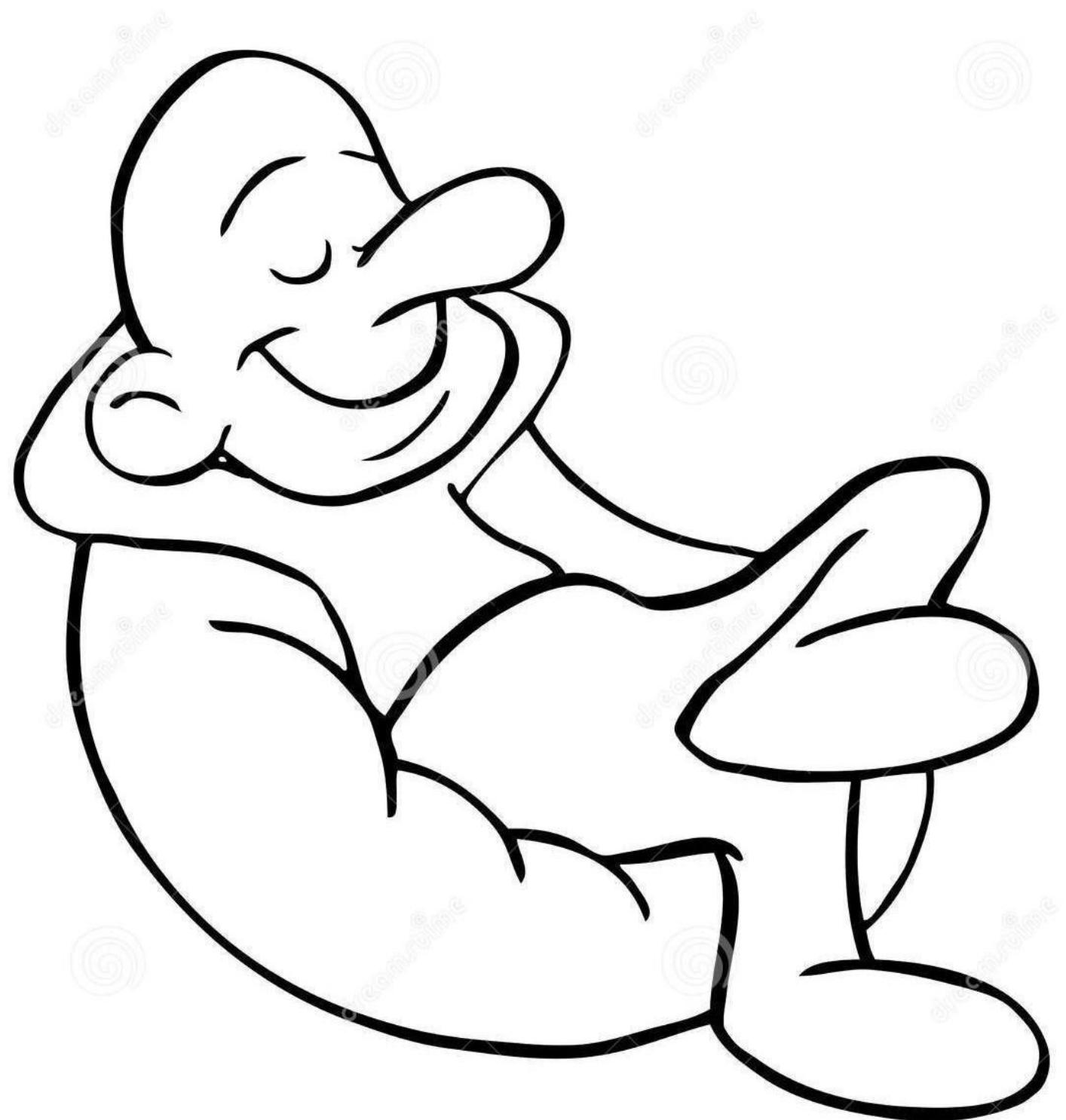
Motivation

The growing uptake of location within and beyond geospatial developer communities.



Modern Web APIs

APIs are a popular, effective method for rapid software development.



{ REST }

Interoperability

There is an increasing need for interoperability between Web APIs.

