Location Innovation Hub

From Mapping Agencies to Innovation Hubs — Operationalising Europe's Geospatial Mandate
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OGC idays Frankfurt
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EDIH European Digital Innovation Hubs Network

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Core messages

- Meeting the demand for trusted and Inteoperable data
  - Core datasets should be discoverable and usable in the European Data Space ecosystem, need for national infrastructures but also connecting these in Europe
  - Ensuring semantic intereoperability, new approaches like GeoE3 interoperability map, use of AI especially with metadata, use of simplified INSPIRE, national services are core to solve this
- How innovation hubs help NMCAs operationalise EU digital strategies
  - Now EU Data Union strategy, support to AI factories
  - Provision of sandboxes like Location Europe and Location Finland and guidance GeoAI course together with OGC and guides
  - Creation of digital twin projects, lot of opportunities there

What we are? Creating Location Intelligence since 2023, new period 2026-2028

- Services we offer: Consultation, Training , Testing infrastructure, Tools and Funding guidance on location technology

- Increased focus on AI, support to AI factories but also High Performance Computing, and Cybersecurity

- Both for businesses and public sector

- New thematic areas: Space economy, Defence.

- Coordinated by Finnish Geospatial Research Institute with a partner network.

- Our ecosystem is growing: New EDIH partners, partner in ESA Phi Lab Finland (2025-2030) and Datastep project 2026-2028 (funded by ERDF)
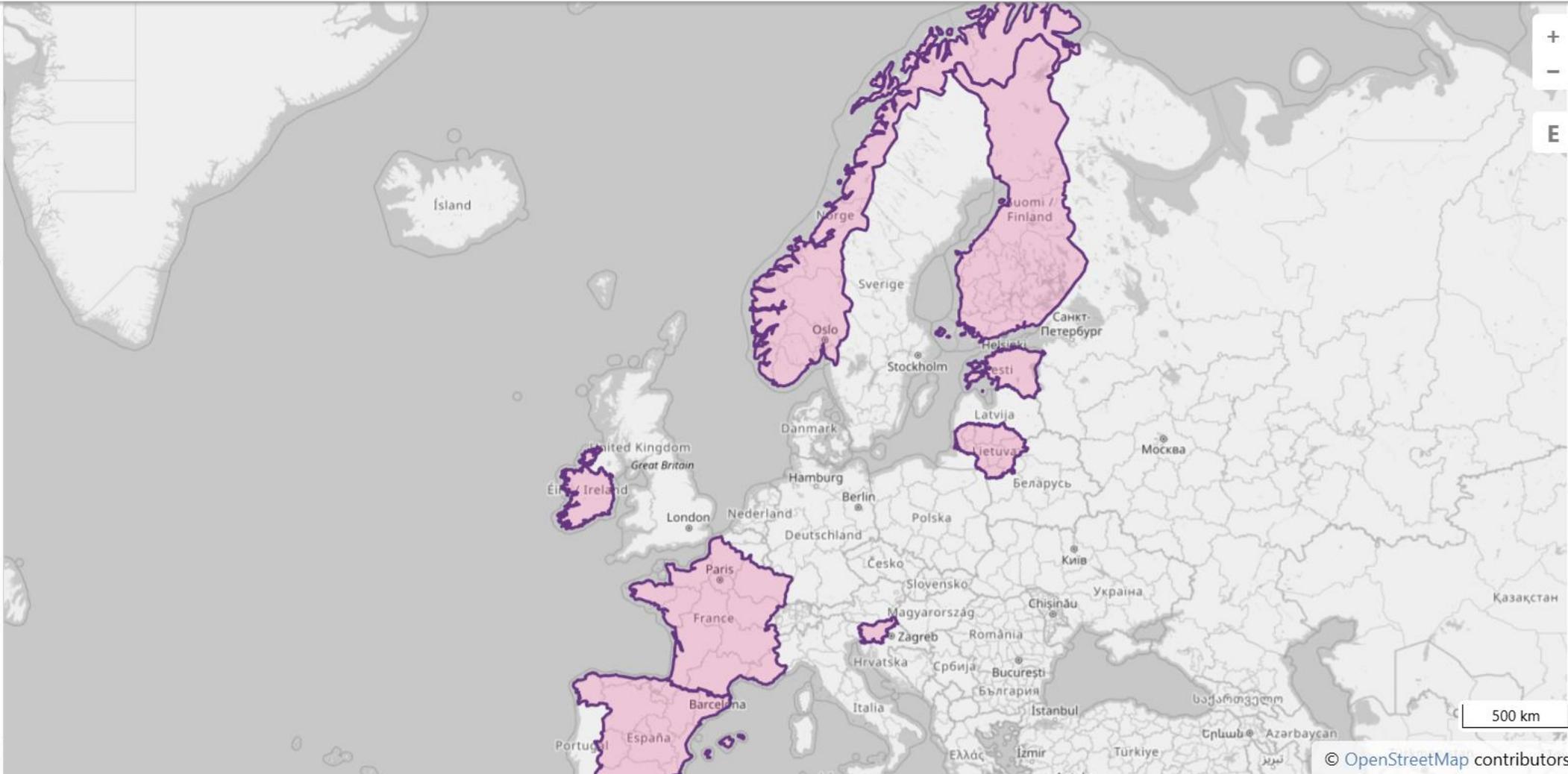
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Buildings 3D ∧

Roads 2D ∧

Roads 3D ∧

Digital Terrain Model ∧

Digital Surface Model ∧

Temperature ∧

Windspeed ∧

Sunshine ∧

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API corresponds to a specific data theme.

Buildings 2D ⌃

Buildings 3D ⌃

Roads 2D ⌃

Roads 3D ⌃

Digital Terrain Model ⌃

Digital Surface Model ⌃

Temperature ⌃

50 m

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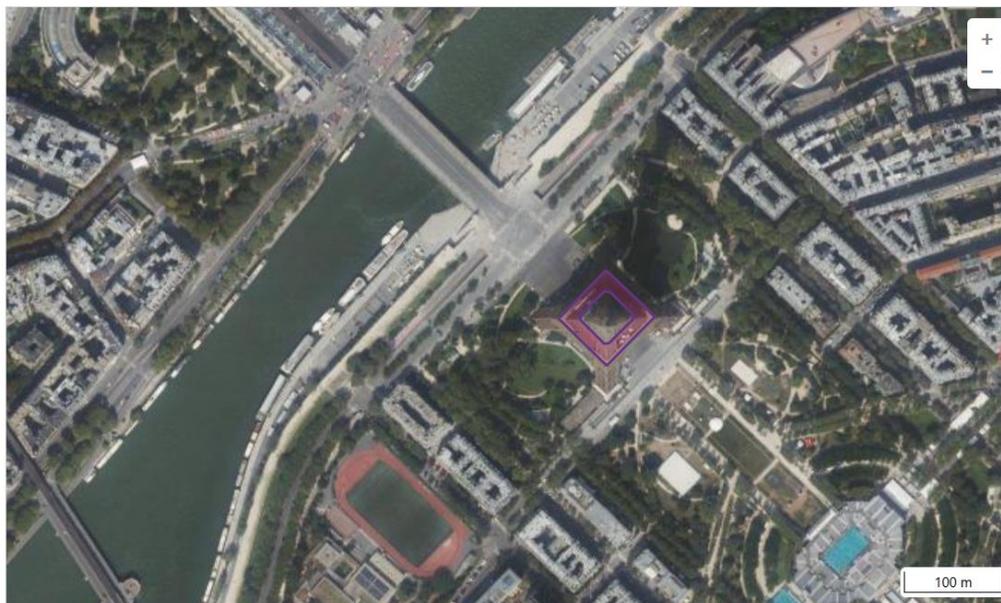Explore   Use cases   Join   APIs ▾   About us

API corresponds to a specific data theme.

Buildings 2D ∧

Buildings 3D ∧

Roads 2D ∧

Roads 3D ∧

Digital Terrain Model ∧

Digital Surface Model ∧

Temperature ∧

Show 3D view

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Available information for an individual item in this collection.

Indifférencié

numberOfDwellings
null

elevation
34.0

heightAboveGround_value
62.0

numberOfFloorsAboveGround
null

geometry2D_referenceGeometry
true

geometry2D_horizontalGeometryReference
footPrint

geometry2D_horizontalGeometryReference_href

100 m

Why Geospatial AI is the Next Big Thing?

- **Where GeoAI Is Going**
- From LLMs to World models but also smaller specialized models
- Destination Earth already shows a big pontential
- AI factories and gigafactories provide a platform for use of EO and huge geospatial data sources
- **Why Now**
- New sensors: high-resolution satellites, drones, IoT, 5D digital twins
- EU policy push: EU Data Union strategy, Digital Europe programme
- Industry demand for *automation, prediction, trust and efficiency*
- **Our Role – Going Forward Together**
- LIH as **the GeoAI test & innovation hub**
- Linking **Location Europe and Finland → Europe's Data Spaces**
- Building **GeoAI tools, sandboxes, APIs and training** for companies & public sector