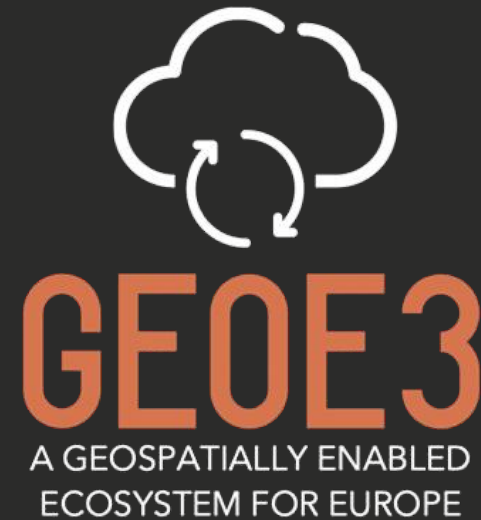




Co-financed by the Connecting Europe
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PLEASE JOIN GEOE3 TO EXPOSE MODERN GEOSPATIAL API'S

JARI REINI – NATIONAL LAND SURVEY OF FINLAND



- start date 01/03/2022
end date 30/09/2023
- Participants: FI, NO, NL, ES, EE

Better access and interoperability of Geospatial data /other data

- Usability of metadata information – e.g. dashboards
- Integration with other data (e.g. statistics, weather data)
- Accessibility through European Data Portal (DCAT.AP)

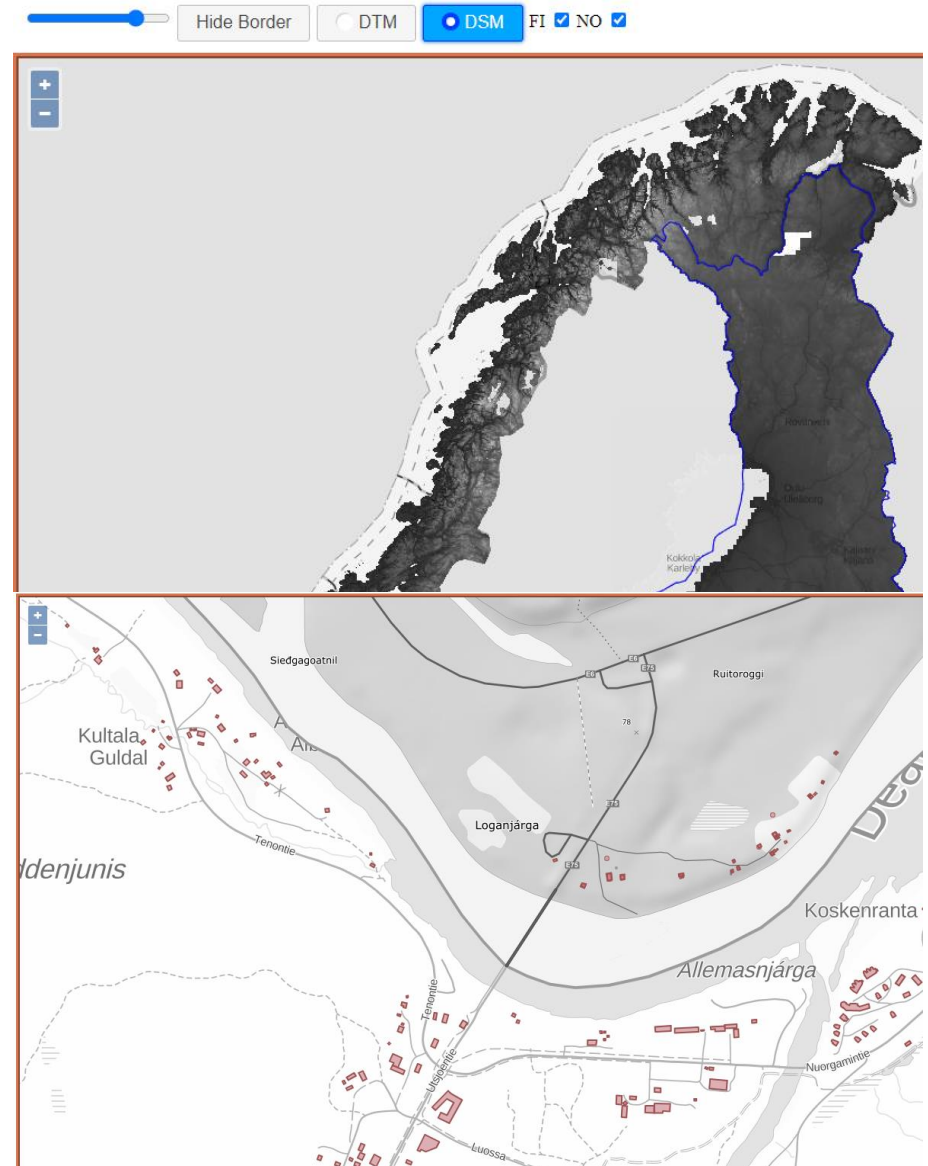
Dynamic harmonisation of geospatial data based on use cases and new APIs

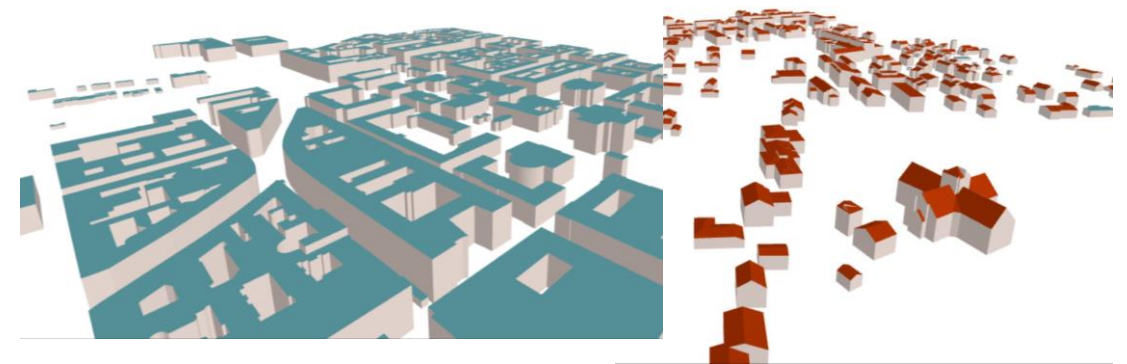
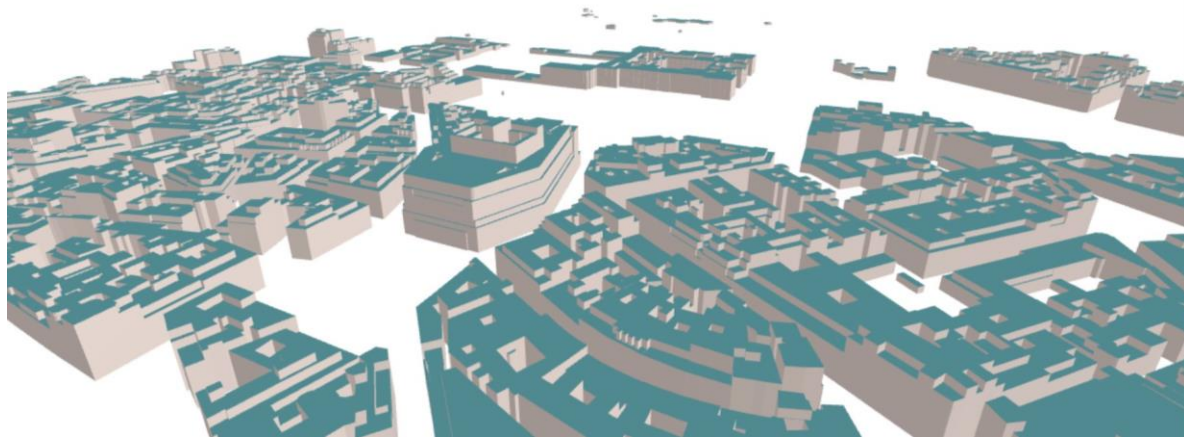
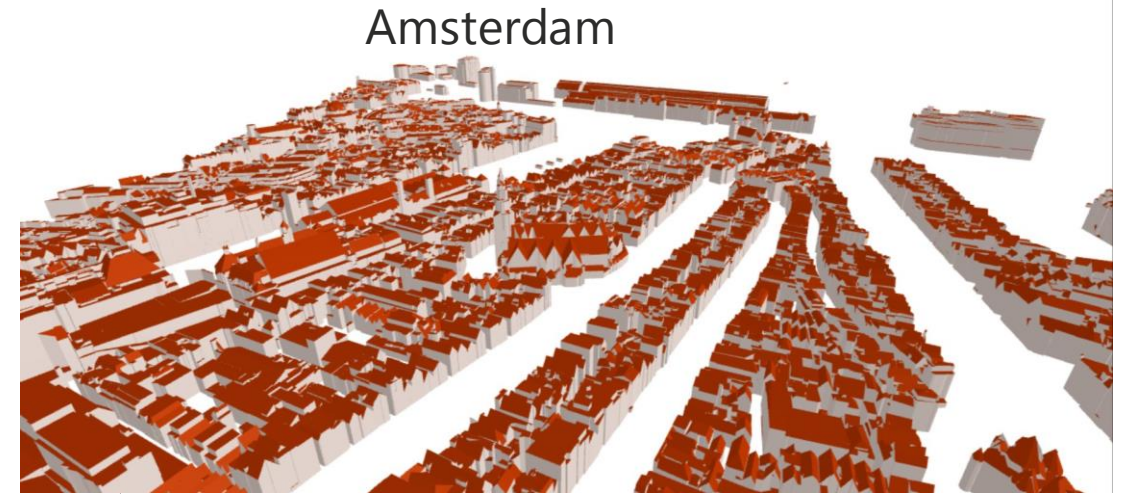
- Example Cloud Platform which will demonstrate use cases and then used for national platform implementations through different APIs and tools

Build an ecosystem based on national platforms

- eLearning videos
- Innovation events
- Benefits

- Integration platform
- Tools to be deployed in national platforms
- Services (based on modern Web API's)
 - OGC API Features
 - OGC API Coverages
 - OGC API Records
 - OGC API Processes
 - OGC API Joins
- "Cloud-ready"





CURRENT SERVICES INCLUDED IN THE PLATFORM

Basemaps

- WMTS Finland
- WMTS Estonia
- WMTS The Netherlands
- WMTS Norway
- WMTS Spain

Buildings

- OGC API Features Finland
- WFS Estonia
- WFS The Netherlands
- WFS Norway
- WFS Spain

Roads

- OGC API Features Finland

DTM

- VRT Finland (Rasterio)
- WCS Estonia
- WCS The Netherlands
- WCS Norway
- WCS Spain

DSM

- VRT Finland (Rasterio)
- WCS The Netherlands
- WCS Norway
- WCS Spain

Temperature

- WCS Finland
- WCS Norway

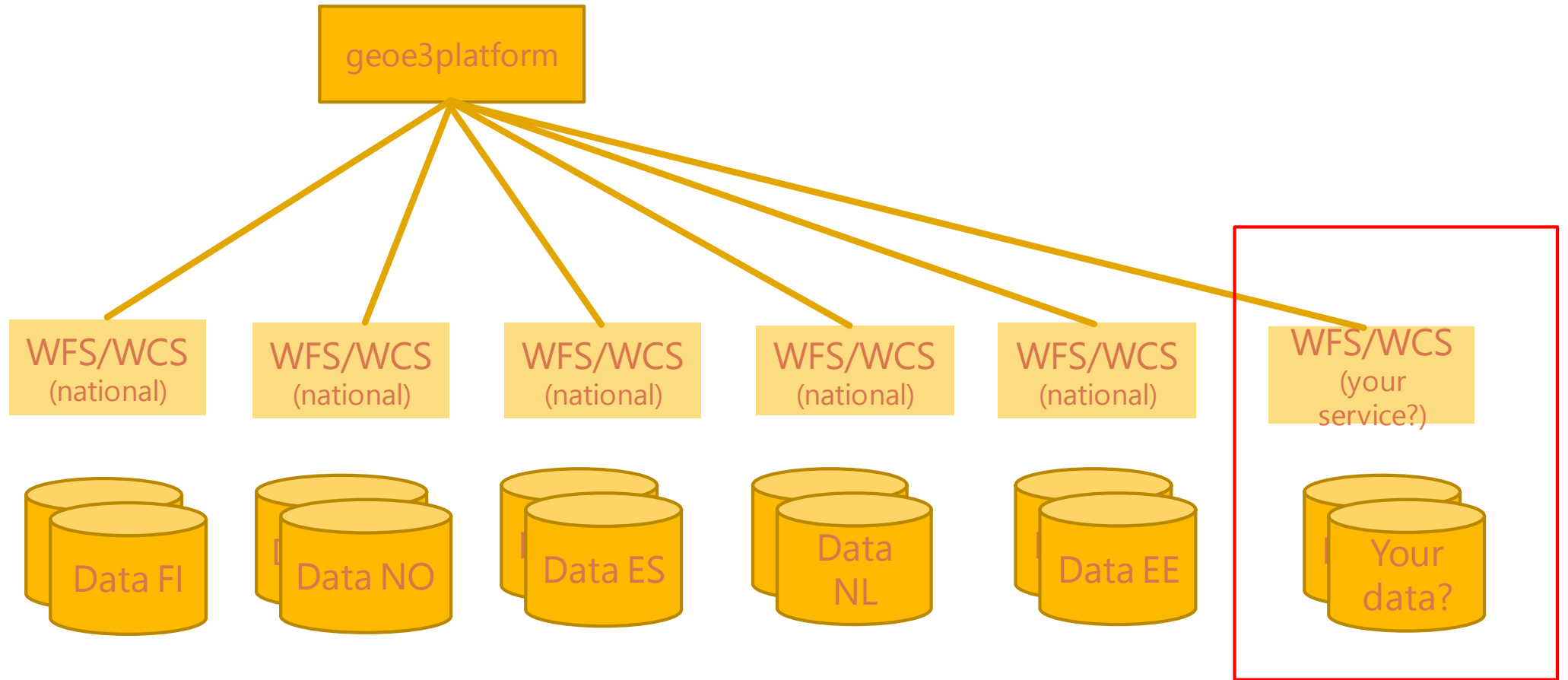
Wind speed

- WCS Finland
- WCS Norway

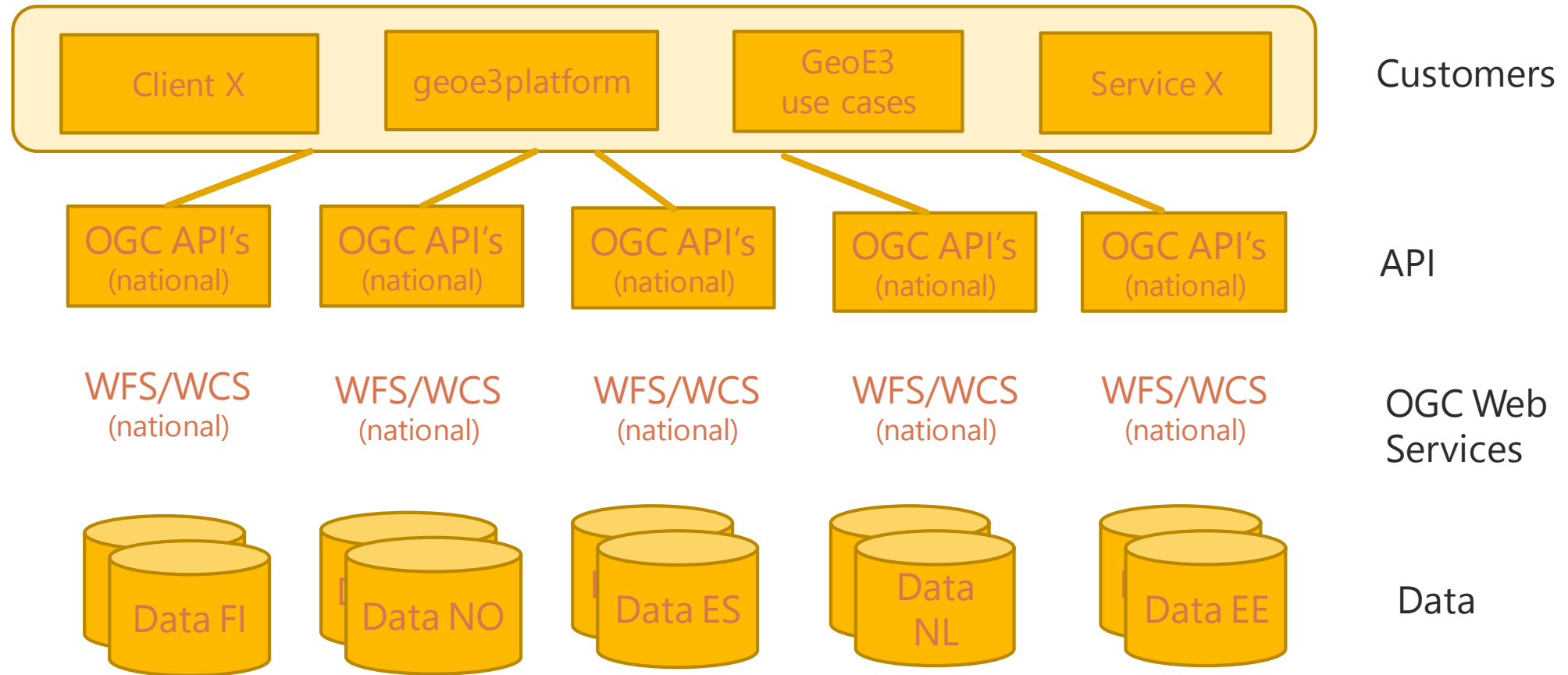
Sunshine

- WCS Finland

CURRENT ARCHITECTURE (HIGH LEVEL)



ARCHITECTURE (NATIONAL) – A GOAL



- Please offer your WFS/WCS services into GeoE3 integration platform
- Enjoy testing modern OGC API's (façade) through GeoE3 integration platform based on your current WFS/WCS services

- How to join
 - Contact jari.reini@nls.fi
 - Send your service access details
 - Be prepared for minor support from your side

Buildings
Digital Terrain Model
Digital Surface Model
Roads



MORE INFORMATION AT [GEOE3.EU](https://geoe3.eu)