

5G

CLUTTER DATA

Supporting the Telecom Sector

GeoVille - Your partner for land cover and land use clutter data for the next generation 5G mobile network



Price-Quality-Ratio

GeoVille offers a unique solution for production of clutter data for network planning based on freely available Copernicus satellite data with an extraordinary price/quality ratio



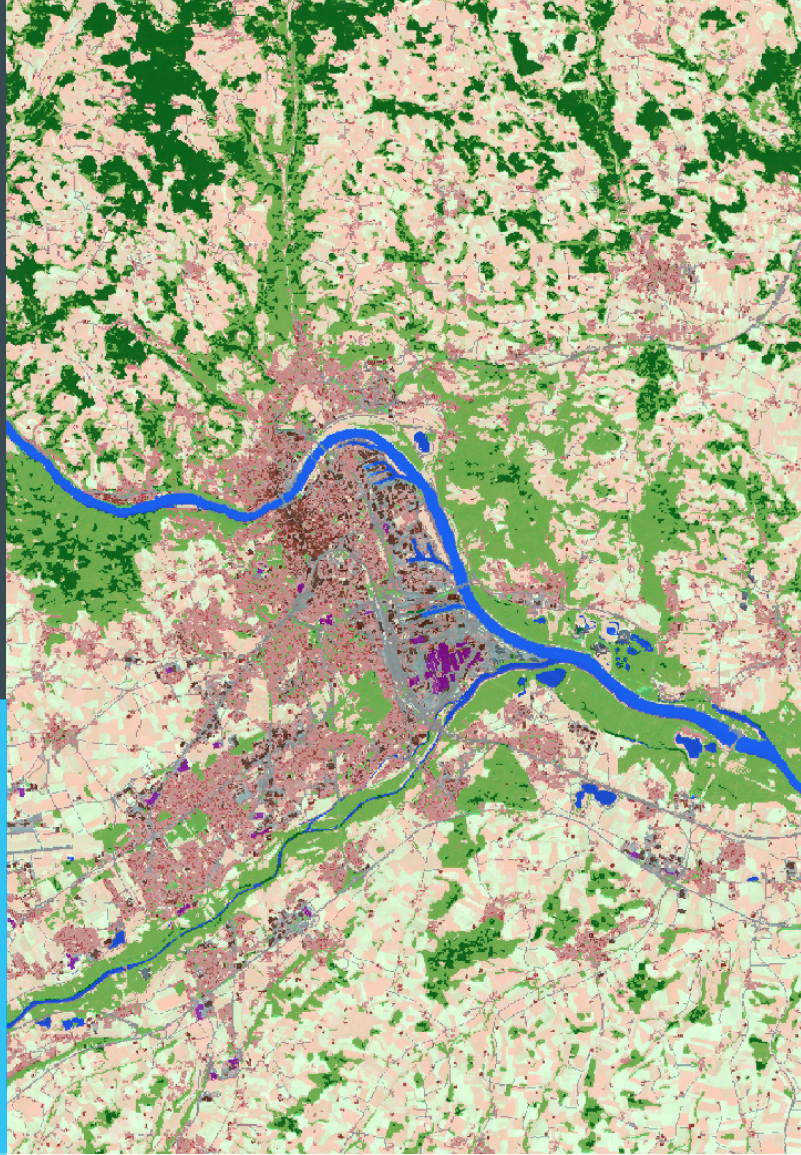
Flexibility

We provide unique product solutions tailored to your needs. We offer up to 15 different land cover classifications, latest acquisition dates and flexible spatial resolution (starting at 10 m)



Availability

Homogenous full coverages on national to regional level with various thematic content are available through immediate processing using super-computer infrastructure



HOW WE CAN SUPPORT YOU

- ✓ Highly automated solution for the production of landcover/landuse mapping data from satellite and/or aerial imagery
- ✓ Industry awarded, object based image interpretation processing chain. The ISO9001:2015 certified processing chain guarantees highest quality maps.
- ✓ Successfully implemented our information solution in operational mapping projects in all countries of Europe and the West-Balkan, the Middle East, East Asia, Central-and South America as well as throughout Africa.

The 5G Clutter Data has been acquired by T-Mobile for entire Austria and parts of Czech Republic, Germany, Hungary, Italy, Slovakia, Slovenia and Switzerland.

Our production workflow allowed us to deliver within a short period of time and with an accuracy and precision that passed strict quality inspections.

TECHNICAL SPECIFICATIONS (BASE PRODUCT*)

Input Data: Sentinel-2

Thematic Classes: 1 – 15

Temporal Resolution: 2015 - ongoing

Spatial Resolution: 10 m - 50 m

Thematic Accuracy: Point sampling > 95%
Spatial sampling > 85%

Geometric Accuracy: ± 1 Pixel

Projection: WGS84 or national projection

Format: Our clutter data are delivered without any specific software and are independent from hardware equipment. The standard data format is .geotiff, however we can deliver more than 70 formats, including all major radio-planning softwares.

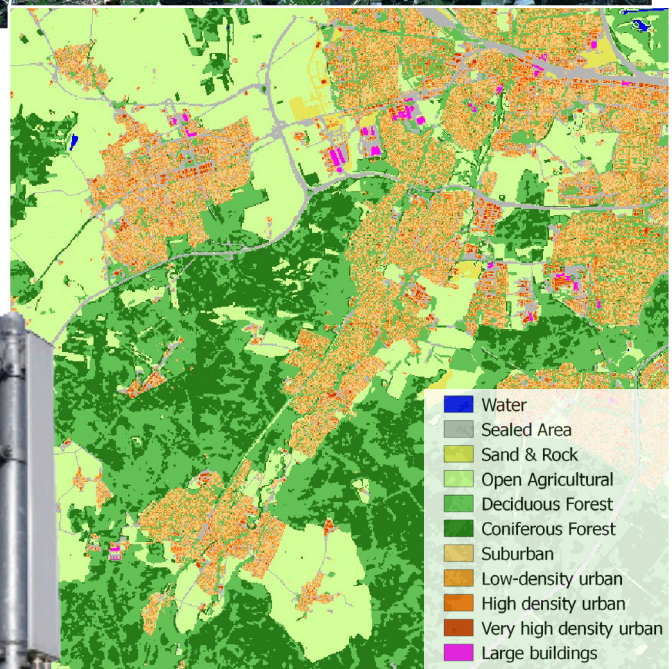
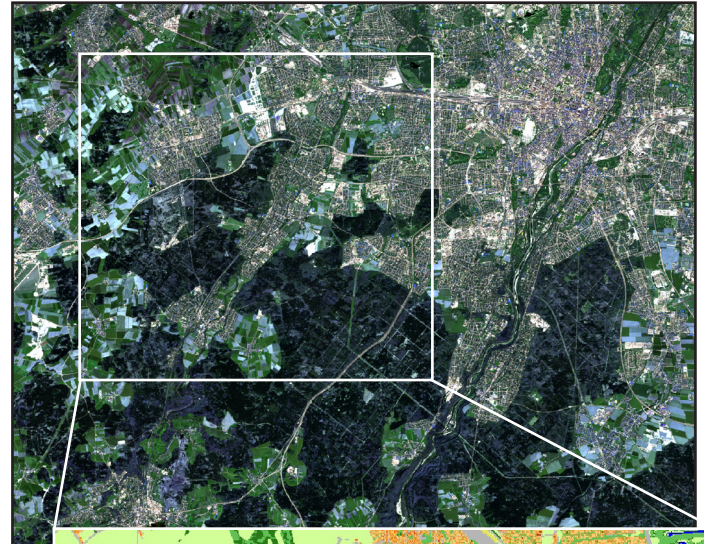
*higher quality data, including height and population layers, available upon request.

COPERNICUS

Copernicus is the EC Earth Observation and Monitoring programme, delivering data and information services openly and freely on six thematic topics: land, atmosphere, marine environment, climate change, emergency management and security.

SENTINEL-2

The Copernicus programme is supported by a family of dedicated, EU-owned satellites - the Sentinels - specifically designed to provide high-resolution optical imagery for land monitoring services.



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GET IN TOUCH

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