

Why geospatial data

They are the **cornerstone** of any application, service, and product even remotely related to our physical surroundings.

They are one of the foundations and **value multipliers** of our physical and digital economy.

Challenges

The current **market** landscape reveals a **gap** between policy intentions and subsequent industrial uptake.

The **market** of geospatial data owners and consumers on an EU setting remains **disjoint** and **fragmented**.

The **Digital Single Market** for geospatial data is unfortunately **not a reality**.

Assets are **difficult to discover, assess, obtain, and integrate** in a cross-domain, cross-border, and cross-lingual manner from most prospective consumers of the geospatial value chain

The result

Frictionless Data: Simple, fast, and safe searching and acquiring of commercial geospatial data assets for all consumers, regardless of their sector and size.

Quality has a price: High quality geospatial assets and transparent licensing agreements to end vendor lock-ins, scaling barriers and low quality. Benefit from efficient, scalable products and business models across all sectors!

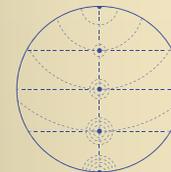
Unlock the value of your data! Expanded geographical and sector coverage for assets to tap into new revenue streams, synergies, business models that harness added value from existing assets with minimal effort and costs.

Impact

Opertus Mundi will create impact through complementary technical, organizational, and commercial instruments focused on **directly and indirectly increasing the value** harnessed from geospatial assets by making them **simpler to discover, share, trade, and use**.

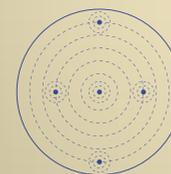
**A Single Digital Market
for Industrial Geospatial Data Assets**

In a nutshell



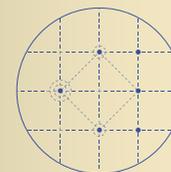
Value Chain

Study and analyze the geospatial data value chain in EU to suitably align and position the platform with current and emerging needs of owners and consumers from a technical, organizational, legal, and business perspective.



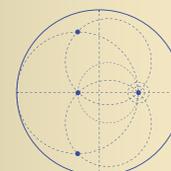
Contractual Compliance Lifecycle

Develop flexible, low-effort, complete, and automated facilities for managing the entire contractual lifecycle for geospatial data assets provided through the platform.



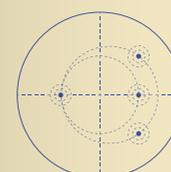
Data Catalogue

Develop and deploy a scalable and secure catalogue for commercial and proprietary geospatial assets handling the entire lifecycle of asset provision, discovery, sharing, purchasing, and use for owners and consumers.



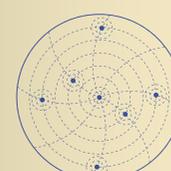
Asset Provision

Develop comprehensive, flexible, and low-cost publishing workflows and methodologies to streamline the secure and trusted provision of industrial geospatial data assets from owners.



Asset Acquisition

Develop inclusive, homogeneous and intuitive facilities for the discovery, evaluation, purchasing, and use of industrial geospatial data assets from end-users.



Value-added Services

Develop a suite of scalable, secure, and low-cost value-added services built on top of industrial geospatial assets published in the platform, to facilitate their discovery, evaluation, sharing, purchasing, and use in a cross-border and cross-domain setting.



Partners



Athena RC is a Research Center with expertise in the areas of Big Data, Data Science, and Geospatial Systems.



TU Delft is renowned for its high academic quality and social relevance of its research. Delft's Web Information Systems (WIS) group concentrates its research on engineering and science of the Web.



IAIS is Fraunhofer's 'data institute' and one of the most renowned research institutions in Data Science, with an extremely strong track record in data mining, machine learning, semantic technologies, geospatial integration, information retrieval and software engineering.



GET is a high-tech SME, specialized in marketing and supply of geospatial products and services in the field of Geoinformatics. GET has a clear focus on technologies and products that serve the national data economy, its key growth drivers, and characteristics.



Sinergise is a SME with extensive expertise in developing advanced geospatial information systems based on web technologies, as well as the development and provision of value-added services from Big Geospatial Data.



CMG is an energetic and enterprising law firm, built on dynamism, efficiency and intellectual agility. CMG offers truly personalized service, with creative and pragmatic solutions tailored to the requirements and needs of its clients in order to assist them with their strategic decisions, both upstream and downstream.



AZO is an international networking and branding company for the European space programmes, supporting entrepreneurship in Europe.



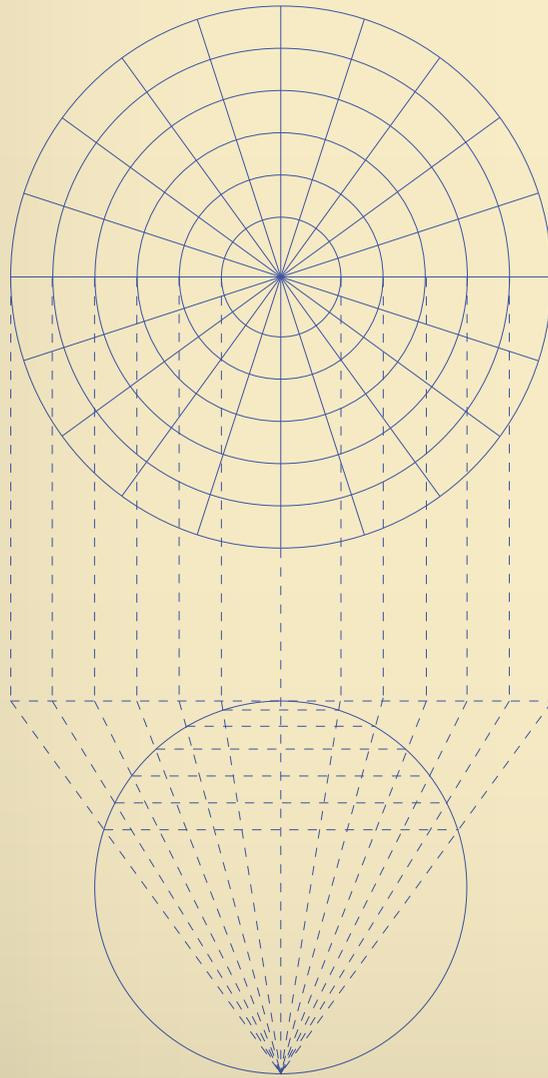
WigeoGis is among Europe's leading companies in spatial business intelligence and geomarketing.



Georepublic is a high-tech SME providing products and services based on open source technologies. Its main area of expertise includes the design, development, and marketing of ICT solutions in the field of GIS, logistics, and business intelligence.



Roleplay is an awarded multi-disciplinary international design agency located in the center of Athens that provides 360°, one-stop, bespoke visual branding and corporate identity design services.



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opertus mundi

www.opertusmundi.eu

Horizon 2020
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opertus mundi is a Horizon 2020 project that will deliver a trusted, secure, and highly scalable pan-European industrial geospatial data market. It will act as a single-point for the streamlined and trusted discovery, sharing, trading, remuneration, and use of proprietary geospatial data assets. It will guarantee low-cost and flexibility to accommodate current and emerging needs of Data Economy stakeholders regardless of size, domain, and expertise ●



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