Survey on Geospatial Ecosystem in Europe

Fields marked with * are mandatory.

This survey is part of the EOValue project [1]; the objectives of the project are to monitor the evolution of the ecosystem of geospatial companies (in particular SMEs) and to identify opportunities, synergies, and obstacles that need to be addressed to foster the development of a vibrant space data economy in Europe. The aim of this survey is to collect information on the characteristics, activities, competencies and barriers of geospatial companies in Europe, analysing the changes in their business models during the last 5 years as a result of increased availability of data (particularly from INSPIRE, Copernicus and open Public Sector Information) and changes in the technological landscape (such as increased availability of cloud computing).

The survey is divided into 4 parts:
Part 1: General characteristics of the company
Part 2: Markets and turnover
Part 3: Impacts and changes
Part 4: Conclusions

The survey will take no more than 15 minutes to be completed.

Please answer the questions as completely and accurately as possible. All answers will be processed anonymously and information will be handled according to the rules of the Regulation (EU) 2016/679 (General Data Protection Regulation) and national legislations.

[1] https://ec.europa.eu/jrc/communities/en/community/eovalue

☐ I have read and agree to the privacy statement.

   EOVALUE_Survey_PersonalDataProtection_v1.pdf

Part I: General characteristics

* In which country are your headquarters located?

○ Austria
○ Belgium
○ Bulgaria
○ Croatia
○ Cyprus
○ Czechia
○ Denmark
○ Estonia
○ Finland
○ France
○ Germany
○ Greece
○ Hungary
○ Ireland
○ Italy
○ Latvia
○ Lithuania
○ Luxembourg
○ Malta
○ Netherlands
○ Poland
○ Portugal
○ Romania
○ Slovak Republic
○ Slovenia
○ Spain
○ Sweden
○ United Kingdom
○ Outside EU28
○ Outside Europe

* In which year was your organisation founded?

Only values between 1900 and 2018 are allowed

How many people were employed by your organisation in 2014 and 2018?

Number of employees measured in Full Time Equivalent (FTE).

	Micro (less than 10)	Small (between 10 and 49)	Medium (between 50 and 249)	Large (more than 250)	Not applicable
* 2014	○	○	○	○	○
* 2018	○	○	○	○	○

* Is your organisation part of an enterprise group and/or is there a parent company?

A group consists of two or more legally defined enterprises under common ownership. Each enterprise in the group can serve different markets, as with national or regional subsidiaries, or serve different product markets. A parent company is a company that owns enough voting stock in another firm to control management and operation by influencing or electing its board of directors. The company is deemed a subsidiary of the parent company.

- ◯ YES
- ◯ NO

* Please, add the name of your parent company.

[ ]

* Who are the main owners of your organisation?

- ◯ Private investors
- ◯ Public investors
- ◯ Others

* If others, please specify.

[ ]

* If your organisation is primarily focused on ICT, please select one of the following categories.

The list contains some categories of ICT section of the NACE2 Classification (J62 and J63); please select one of the following options.

- ◯ 62 Computer programming, consultancy and related activities
- ◯ 63.1 Data processing, hosting and related activities; web portals
- ◯ 63.9 Other information service activities
- ◯ No ICT

You selected "no ICT" sector: please indicate which other sector your organisation's activities are focused.

The list contains some of the first-level categories of the NACE2 Classification. Please select one of the following options.

- ◯ A Agriculture, forestry and fishing
- ◯ D Electricity, gas, steam and air conditioning supply
- ◯ E 36 Water collection, treatment and supply
- ◯ E 38 Waste collection, treatment and disposal activities; materials recovery
- ◯ F Construction
- ◯ H Transportation and storage
- ◯ L Real estate activities
- ◯ M 71 Architectural and engineering activities; technical testing and analysis
- ◯ M 74 Other professional, scientific and technical activities

Markets and turnover

The second part of the survey focuses on some general information about the markets and the turnover of your organisation.
There are 5 questions.
This part requires some knowledge of the budget of your organisation.

In which geographic markets does your organisation provide products or services?
Please select one option for each row.

between 4 and 4 answered rows

	1 Market of high importance	2 Market of medium importance	3 Market of low importance	4 Not applicable
* Local/regional within your country	○	○	○	○
* National	○	○	○	○
* European	○	○	○	○
* Outside Europe	○	○	○	○

For the purpose of classification, please indicate the annual turnover of your organisation in 2014 and in 2018.

The annual turnover is determined by calculating the income that your organisation received from sales and services.

Turnover should not include value added tax (VAT) or other indirect taxes.

If annual turnover is not available for 2018, please consider 2017.

between 2 and 2 answered rows

	Less than €500,000	€500,000 - €1,000,000	€1,000,000 - €5,000,000	€5,000,000 - €10,000,000	€10,000,000 - €50,000,000	More than €50,000,000
* 2014	○	○	○	○	○	○
* 2018	○	○	○	○	○	○

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* Last year, which was the percentage of the turnover related to geospatial products/services?
This question is for classification purposes only.
Please, consider the last annual turnover (2018 or 2017) as the reference parameter.

- ⚪ More than 80%
- ⚪ Between 50% and 80%
- ⚪ Between 20% and 49%
- ⚪ Less than 20%

* Last year, which was the percentage of the turnover related to _public sector_ only?
Please, consider the last annual turnover (2018 or 2017) as the reference parameter.

- ⚪ More than 80%
- ⚪ Between 50% and 80%
- ⚪ Between 20% and 49%
- ⚪ Less than 20%

Which of the following geospatial products and/or services is your organisation currently focusing on?
Please select one option for each row

between 8 and 8 answered rows

	1 High focus	2 Low focus	3 Not applicable
* Data collection through innovative solutions	⚪	⚪	⚪
* Analytics and data processing	⚪	⚪	⚪
* Geospatial Artificial Intelligence, Machine Learning and blockchain	⚪	⚪	⚪
* Building Information Modelling, Virtual/Augmented Reality, 3D city modelling	⚪	⚪	⚪
* Smart cities, IoT, Autonomous vehicles, Mobility as a Services	⚪	⚪	⚪
* Indoor navigation	⚪	⚪	⚪
* On-demand, web-based Mapping as a Service	⚪	⚪	⚪
* Cloud data storage/processing and GIS cloud solutions	⚪	⚪	⚪

Impacts and changes in the last years

This part of the survey focuses on the impacts and potential changes already occurred in the last years to your organisation.
A general knowledge of the activities, products and services of your organisation is required to complete this section.

Has your organization already improved products/services in the recent past (2014-2018) thanks to the following conditions?

Please give explanation if relevant.

between 9 and 9 answered rows

	Condition already occurred	Condition not yet occurred
* Larger availability of **Earth Observation data**	○	○
* Larger availability of **Open data**	○	○
* Larger availability of **data related to the INSPIRE Directive**	○	○
* Larger availability of **Cloud computing capabilities**	○	○
* Larger availability of **IoT and low-cost sensors**	○	○
* Larger availability of **Artificial Intelligence algorithms**	○	○
* New or improved **methods and capabilities of delivering**	○	○
* New **customer groups**	○	○
* New **geographic markets**	○	○

Optional explanation of the answers provided above.

Which of the following changes are expected to occur in the near future (2019-2023) in your organisation?

Please give explanation if relevant.

between 9 and 9 answered rows

	Change expected to occur	Change expected not to occur
* New or significantly improved products/services thanks to larger availability of **Earth Observation data**	○	○
* New or significantly improved products/services thanks to larger availability of **open data**	○	○
* New or significantly improved products/services thanks to larger availability of **data related to the INSPIRE Directive**	○	○

* New or significantly improved products/services thanks to larger availability of **Cloud computing capabilities**	◯	◯
* New or significantly improved products/services thanks to larger availability of **IoT and low-cost sensors**	◯	◯
* New or significantly improved products/services thanks to larger availability of **Artificial Intelligence algorithms**	◯	◯
* New or significantly **improved methods and capabilities of delivering products/services**	◯	◯
* Delivery of products/services to new **customer groups**	◯	◯
* Delivery of products/services to new **geographic markets**	◯	◯

Optional explanation of the answers provided above.

During the years 2014 to 2018, how important were the following factors in preventing innovation of your organisation?

between 10 and 10 answered rows

	1 None or very low	2	3 Average	4	5 Very high
* Lack of funds within your enterprise or group	◯	◯	◯	◯	◯
* Lack of finance from external sources	◯	◯	◯	◯	◯
* Innovation costs too high	◯	◯	◯	◯	◯
* Lack of qualified personnel	◯	◯	◯	◯	◯
* Lack of information on technology	◯	◯	◯	◯	◯
* Difficulty in finding cooperation partners for innovation	◯	◯	◯	◯	◯
* Organisation's internal policies and structure	◯	◯	◯	◯	◯
* Market dominated by established enterprises	◯	◯	◯	◯	◯
* Uncertain demand for innovative products or services	◯	◯	◯	◯	◯
* No need because of no demand for innovations	◯	◯	◯	◯	◯

Conclusions

In the summer 2019, we plan to hold some in-depth interviews with a selection of geospatial companies, in order to gain additional insights.

* Would you be willing to participate in an in-depth interview (videoconference or telephone call)?

This should take no longer than 1 hour.

- ○ Yes, I am available
- ○ No, I am not available

If so, please provide your contact information.

* Name and surname

* Organisation

* Email