

# Use case survey

This form was created for collecting user experiences, needs and bottlenecks about Earth Observation (EO) clouds and digital infrastructures

## 1. Name of the use case

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## 2. Sector

*Mark only one oval.*

- ☐ Agriculture
- ☐ Health
- ☐ Energy
- ☐ Ecosystem
- ☐ Water
- ☐ Disaster management
- ☐ Climate and climate change
- ☐ Other: 

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## 3. Partners of your project

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## End Users

End users are the intended consumers of your end products.

4. Intended end user categories

*Check all that apply.*

- ☐ Business owners
- ☐ Developers
- ☐ Analysts
- ☐ Data Scientists
- ☐ Policy makers
- ☐ Other: \_\_\_\_\_

5. Specific intended end users, if known (names)

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**Source datasets**

Source datasets are the data that you take as input. We want to identify them and the services / providers. We also would like to understand if you need to integrate data from different sources and how you proceed to do so.

6. Please list the datasets that you use (source datasets)

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7. In which categories do the source datasets belong?

*Check all that apply.*

- ☐ Public data, free of charge remote sensing data (e.g. Copernicus, etc.)
- ☐ Paid remote sensing data / services
- ☐ Private data, not published/available
- ☐ In situ / survey data
- ☐ Meteo data
- ☐ Citizen contributed / crowd sourced data
- ☐ Data streams / real time / near real time
- ☐ Other: \_\_\_\_\_

8. Do you integrate datasets from different sources? If yes, how do you integrate them?

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9. Please identify the EO data providers and services of your source datasets

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10. Are you satisfied with the current offer of the data providers that you selected?  
Is there anything that you would improve?

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11. Did you have to change the data provider because the one you picked in the first place didn't meet your needs? What did you need and which kind of problem did you encounter? Can you share your experience?

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## End products

End products are the products of your project and can be of different nature such as data streams, static data, services etc.

12. What is the nature of the end products of your project?

*Check all that apply.*

- ☐ Static dataset(s)
- ☐ Data Streams
- ☐ Mobile App
- ☐ Web service(s) (e.g. WMS, WFS, etc.)
- ☐ Desktop App
- ☐ Other: \_\_\_\_\_

13. Are end products / data publicly available?

*Mark only one oval.*

- ☐ Yes
- ☐ No
- ☐ Partly

14. Are metadata of end products / services publicly available?

*Mark only one oval.*

- ☐ Yes, both for data and for services
- ☐ Only for services
- ☐ Only for datasets
- ☐ Not publicly available
- ☐ No

15. Are metadata INSPIRE compliant?

*Mark only one oval.*

- ☐ Yes, fully
- ☐ Partly
- ☐ No
- ☐ Not applicable / no metadata available

16. If metadata of end product(s) are available, where are they published?

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17. If end products are published, indicate where and how are served (interfaces, APIs, web or mobile apps that get this data to the end users)

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18. Please indicate which EO Digital Infrastructures you use to host and publish your products and and which services (e.g. DaaS, PaaS, IaaS, Data Cubes, GPUs, etc.) from each

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## Processing

This section is about where and how you process your input data

19. Do you use any of these Data Processing tools / techniques?

*Check all that apply.*

- ☐ Machine learning
- ☐ Deep learning
- ☐ HPC
- ☐ Parallel Computing
- ☐ Virtualization / Containers
- ☐ Cloud computing
- ☐ Data Cubes
- ☐ Other: \_\_\_\_\_

20. Please specify which services (e.g. DaaS, PaaS, IaaS, Data Cubes, HPC, GPUs, etc.) you use for the technique indicated above, and from which platform

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21. Which EO digital infrastructure do you currently use to process your data? How is your level of satisfaction? Why did you pick this platform?

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22. Did you explore any other digital infrastructure for processing your data? If yes, why did you abandon it? What did it miss? How could they have improved?

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**This section is for you to provide an overall feedback about EO digital platforms**

Rate from 1 (completely disagree) to 5 (completely agree) the following sentences.

23. It was rather difficult to compare services offered by various EO infrastructure providers

*Mark only one oval.*

	1	2	3	4	5	
<hr/>						
com	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	completely agree
<hr/>						

24. The learning curve required for using EO digital platforms is rather steep

*Mark only one oval.*

	1	2	3	4	5	
<hr/>						
com	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	completely agree
<hr/>						

25. The time we allocated at the start of the project to getting familiar with EO digital infrastructures was underestimated

*Mark only one oval.*

	1	2	3	4	5	
<hr/>						
com	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	completely agree
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26. It was difficult to compare the costs of services offered by the EO digital platforms

*Mark only one oval.*

	1	2	3	4	5	
<hr/>						
com	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	completely agree
<hr/>						



27. The documentation / tutorials / learning material offered by the EO digital platforms was generally enough to getting our team up to speed in the expected time

*Mark only one oval.*

1   2   3   4   5

com ☐ ☐ ☐ ☐ ☐ completely agree

28. The channels set up for communication with the EO digital platforms (helpdesk / forum / etc) were useful / timely to provide assistance.

*Mark only one oval.*

1   2   3   4   5

com ☐ ☐ ☐ ☐ ☐ completely agree

29. Comments / Notes

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We appreciate the time you spent to answer to our survey. Thank you!

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