Joint EuroSDR + INSPIRE KEN webinar

28 - 28 Apr 2022
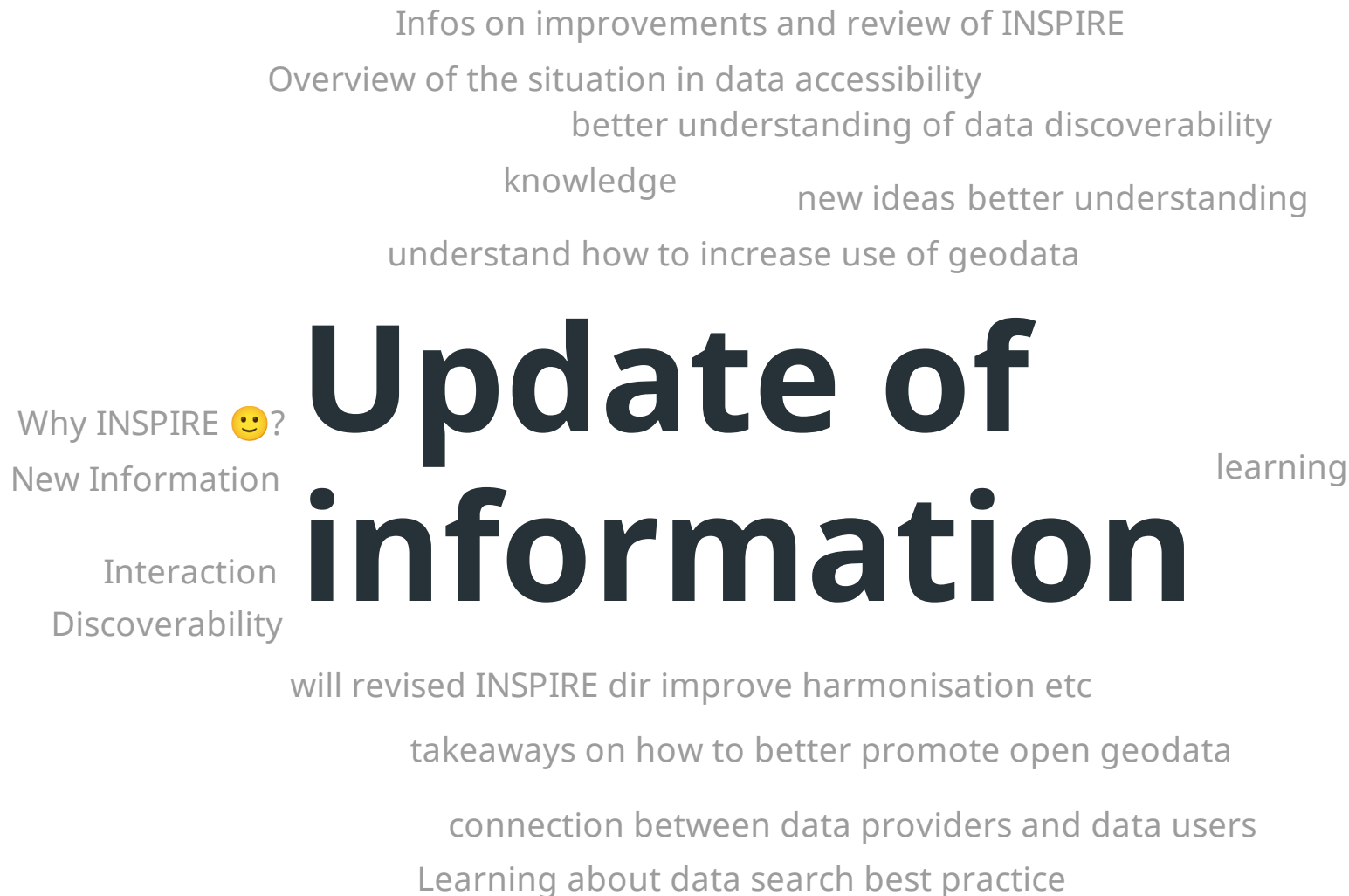
Poll results

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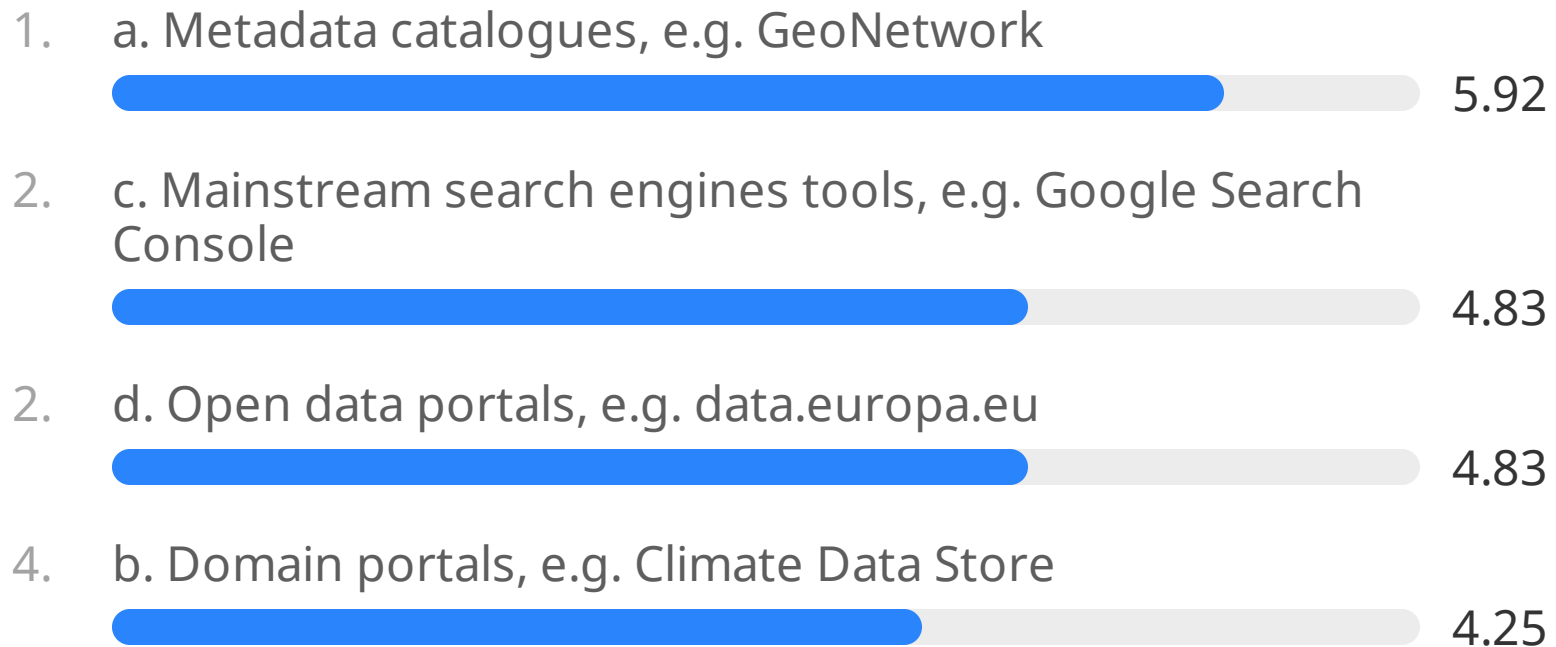## What are you looking forward to from this workshop?

Infos on improvements and review of INSPIRE

Overview of the situation in data accessibility

better understanding of data discoverability

knowledge

new ideas better understanding

understand how to increase use of geodata

Update of information

Why INSPIRE 🙂?

New Information

learning

Interaction

Discoverability

will revised INSPIRE dir improve harmonisation etc

takeaways on how to better promote open geodata

connection between data providers and data users

Learning about data search best practice

0 1 2

1. As a data provider, when publishing information about spatial data set on the Internet, please prioritise tools you use to improve the data set discoverability. Put the most used tool at the top, and the least used at the bottom.

(1/2)

1. a. Metadata catalogues, e.g. GeoNetwork

    5.92

2. c. Mainstream search engines tools, e.g. Google Search Console

    4.83

2. d. Open data portals, e.g. data.europa.eu

    4.83

4. b. Domain portals, e.g. Climate Data Store
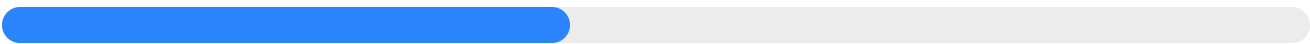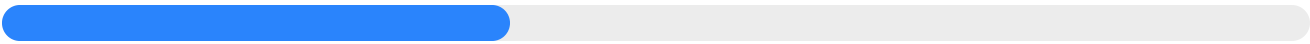
    4.25

Afternoon interactive session (1/10)

0 1 2

1. As a data provider, when publishing information about spatial data set on the Internet, please prioritise tools you use to improve the data set discoverability. Put the most used tool at the top, and the least used at the bottom.

(2/2)

5.   g. Other

2.92

6.   f. Making connections with collaborative content, e.g. Wikidata, OpenStreetMap

2.67

7.   e. Commercial platforms, e.g. ArcGIS Hub

2.58

0 1 3

2. As a data user, when searching for information about spatial data set on the Internet, please prioritise the tools you use to find relevant data. Put the most used tool at the top, and the least used at the bottom.

(1/2)

1. c. Mainstream search engines tools, e.g. Google

    5.31

2. a. Metadata catalogues), e.g. GeoNetwork

    4.08

3. d. Open data portals, e.g. data.europa.eu

    3.54

4. b. Domain portals, e.g. Climate Data Store

    2.92

0 1 3

2. As a data user, when searching for information about spatial data set on the Internet, please prioritise the tools you use to find relevant data. Put the most used tool at the top, and the least used at the bottom.
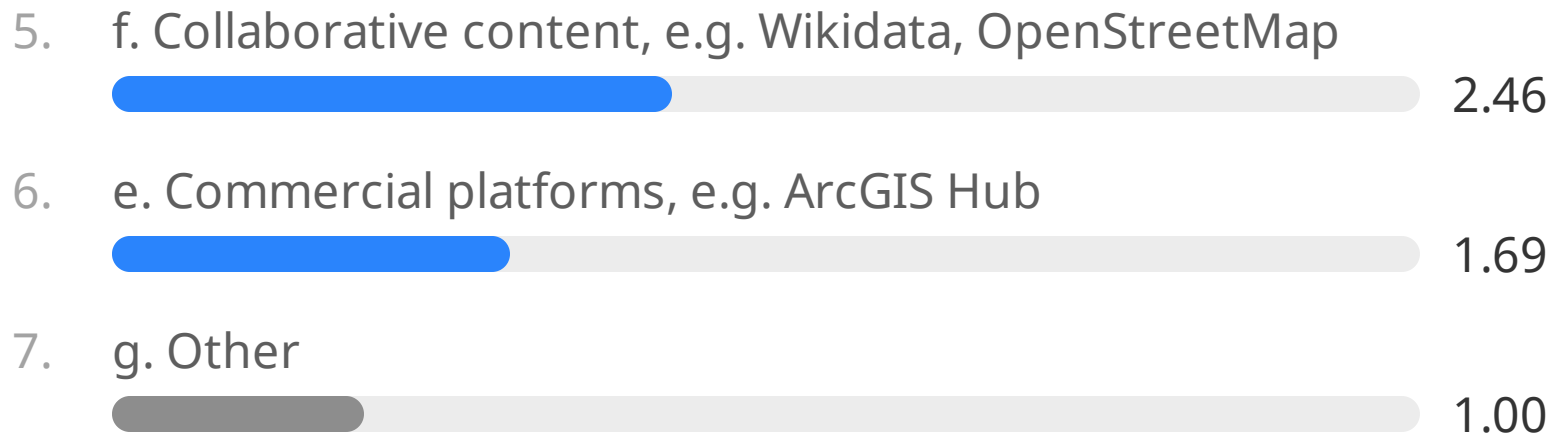
(2/2)

5. f. Collaborative content, e.g. Wikidata, OpenStreetMap

2.46

6. e. Commercial platforms, e.g. ArcGIS Hub

1.69

7. g. Other

1.00

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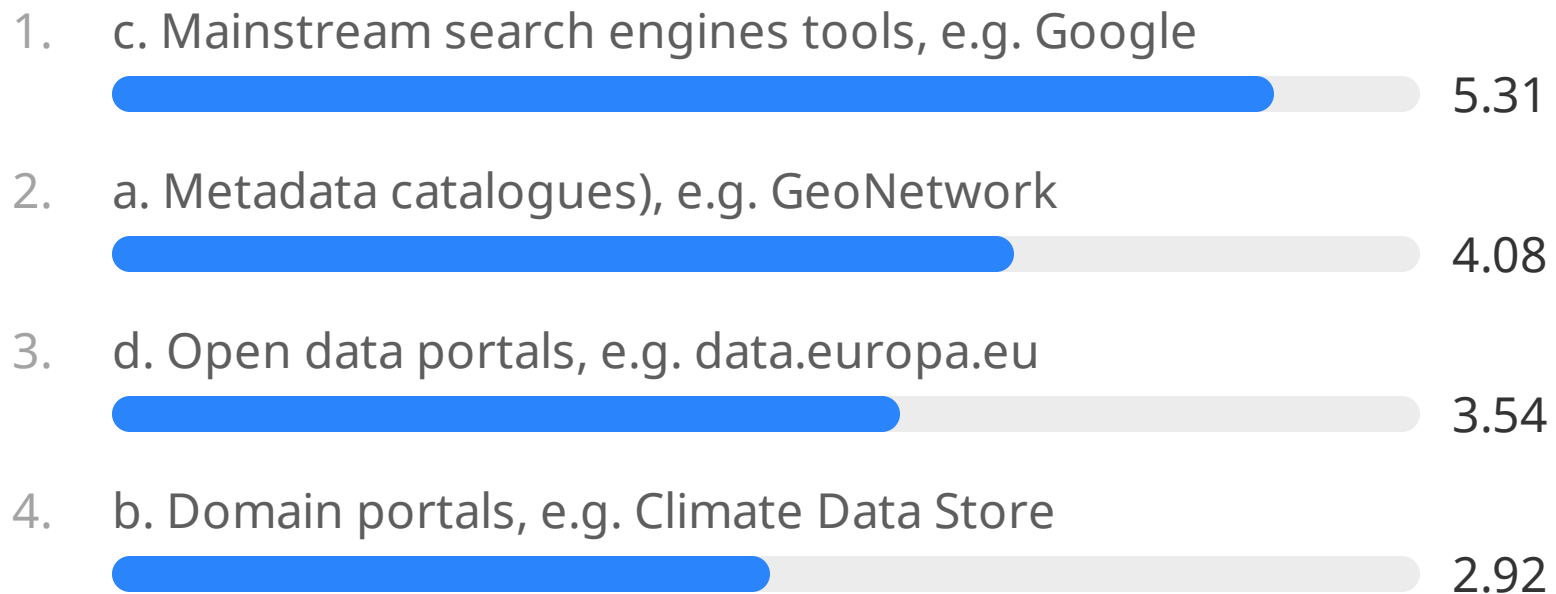
0 1 0

3. Do you use other tools than those mentioned in the previous question to find spatial data?

- NO
- I am not. I am working as part of the INSPIRE Infrastructure (INSPIRE Geoportal).
- data.gov.uk Local Authority data portals
- kohesio portal, local contacts
- No
- national GeoPortal
- No, I generally assume that Google search will lead me to other content.
- no comment

- No
- Zenodo

Afternoon interactive session (4/10)

0 1 0

4. What insights do you require from discoverability tool providers regarding their tools?
(1/2)

- Completeness of coverage
- Easy-to-use editor, with automatic aids. Ability to transform metadata on-the-fly and serve the information in a wide range of standards. Bridging the gap across different domains

(e.g. Geospatial vs. Open data). Metadata exposed through the use of geospatial discovery APIs. Automatically discoverable through Web search engines. Discovery service (backend) in the cloud.
- N/A
- NA
- Support of standards from the 19100 serie as well as OGC. In addition

Afternoon interactive session (4/10)

0 1 0

4. What insights do you require from discoverability tool providers regarding their tools?

(2/2)

to this we all look on how to integrate with our production system.

- How to ensure that the published data is discoverable by a search engine How to ensure that the published data is compatible with a national portal How to ensure that the published metadata can be easily updated
- transparency, metadata
- no comme

- Detailed manuals and tutorials on using the tools.
- How they rank (Google dataset search)

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0 1 3

5. Do you think that data providers are doing enough to improve their data discoverability

a. Not enough

100 %

b. Just enough

0 %

c. Too much

0 %

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0 1 3

6. What is the favourite standard used to profile the metadata in your organisation

a. INSPIRE

46 %

b. GeoDcat

0 %

c. National metadata profile

23 %

d. Other

31 %

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Afternoon interactive session (7/10)

7. What are the key elements you find the most relevant in the metadata discovery content or you would like to get, e.g, links to services, indication whether data is open, lineage, contact to data provider?

0 1 3

Link to services

open or not, license requirements, contacts

Lineage

Date created or updated; Name of provider;

links to other data sets scale

information   Abstract

themes   external

elements   key   **data**   spatial

format   conditions

answer   **keywords**   links

licencing   open   element

Temporal   reports

extent   Title   quality   link   links to services

complete   multiple   accuracy

specifications   references   Positional

date   dates

condensed

Availability of the data

Detailed data content description (specifications)

0 1 2

8. What about the conversion between INSPIRE/(Geo)Dcat? Have you implemented specific tools for that purpose?

a. No, not needed

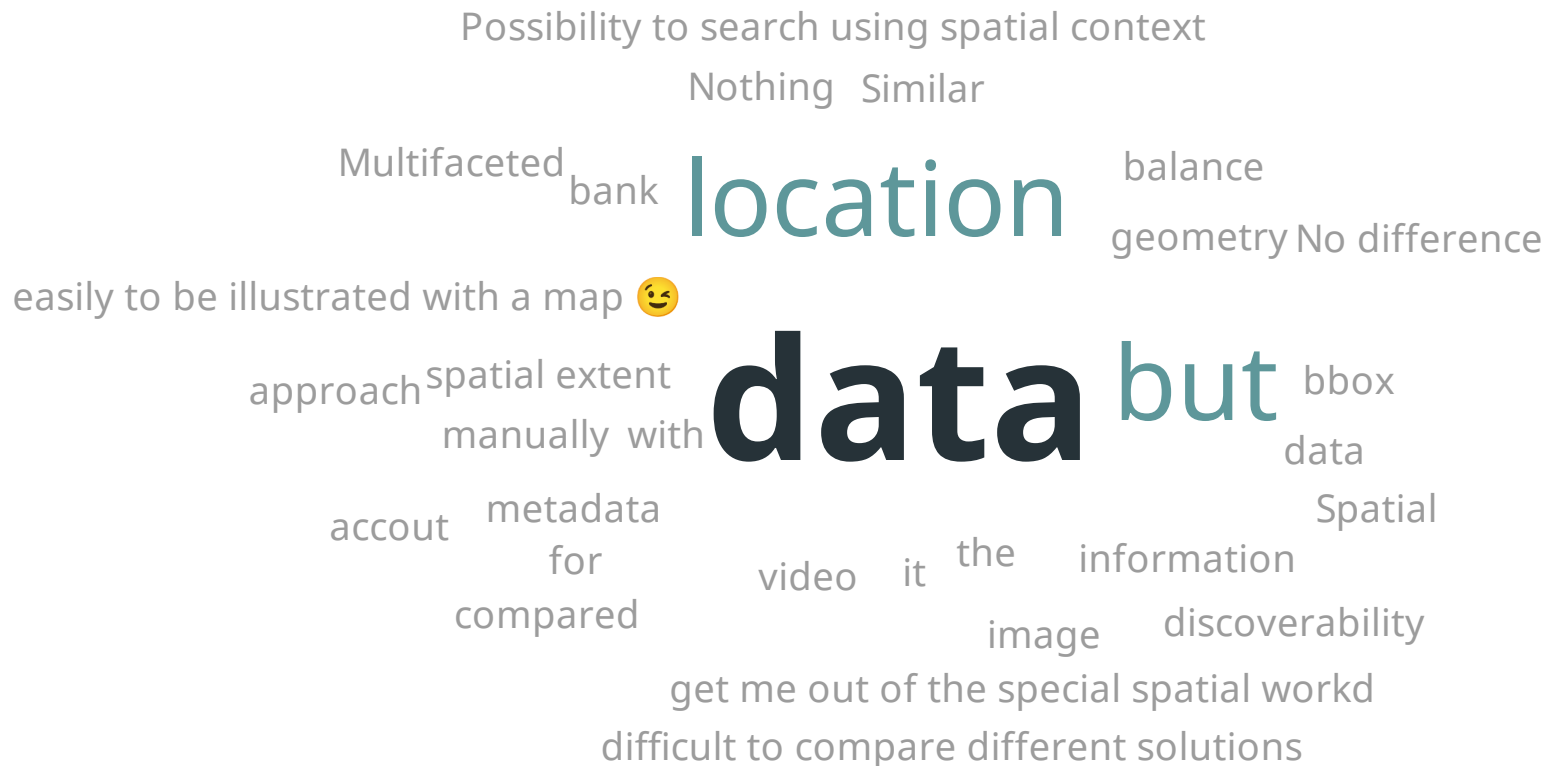33 %

b. No, under consideration

42 %

c. Yes, underway

17 %

d. Yes, operational

8 %

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Afternoon interactive session (9/10)

0 1 2

9. What makes spatial data discoverability so different from other data discoverability (please provide keyword)?

Possibility to search using spatial context

Nothing   Similar

Multifaceted
bank
location
balance
geometry No difference

easily to be illustrated with a map 😉

approach spatial extent
manually with
data but
bbox
data

accout
metadata
for
compared
video
it
the
information
Spatial
discoverability
image

get me out of the special spatial workd

difficult to compare different solutions

0 1 0

10. What would you demand of spatial data discoverability in order to generate a business value?

(1/2)

- Easiness of discoverability
- a
- Being integrated in Web search engines. Simple, understandable communication with the user. Including NLP search, data filtering capabilities, levelled exploration of results. Automatically translation of metadata Discovery application not necessarily coupled to the SDI geoportal / catalogue.

- data which are usable not requiring XX days to get it working
- ?
- I don't know about business value but lots of missed data use and opportunities due to lack of discoverability
- End users must be taken into account - not only the developers mentioned by Ed or Jill

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0 1 0

10. What would you demand of spatial data discoverability in order to generate a business value?

(2/2)

but also the citizens/decision makers. They also need to know something about the quality of the data used e.g. for the COVID dashboard to see if they should trust the information (and hence need some basic data literacy to understand enough to know whether to trust what they see).

- open data
- no comment
- For the data provides,

a key factor is finding new users for the data. Therefore, I am in if investing in discoverability returns a specific number of new users. For data users, a key aspect is the efficiency of search tools. Meaning how fast I find the data I need.

Do you have any suggestions for follow-up activities?

`0` `0` `8`

(1/2)

- hands on workshop
- Have another workshop where we could have some more open discussion and interaction between the speakers and audience
- Report will be of great interest. A session during next INSPIRE conference Provide feed-back to MIG-T. Difficulties of users in searching data to be widely communicated (e.g. by INSPIRE community) => encourage efforts from data providers, search engine ..

- Thanks everyone for a great workshop! For follow up as well as publishing all the videos and the slides and polls etc, could we maybe organise something similar with more of a developer perspective - i.e. to find out what do developers / analysts/ AI machine learning people who are using the data need to know? How do they feel about discovering data? Can they find what they need? Also publish a list of where funding is available for research into this topic.

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Do you have any suggestions for follow-up activities?

(2/2)

- Hands on and practical sessions: Some tutorials about how to implement some of the things we've seen ... how do you build linked-data/rdf? How to query linked-data? Knowledge Graph? How to produce linked data? How to build a taxonomy etc. How to use various tools (from catalogue to cloud tools)
- Organise a follow-up event, inviting geospatial data providers, specifically asking them which geodata discoverability aspects would change after having attended this workshop.
- Geospatial Open Data - EUROGI good practices workshop in May
- Design case studies to benchmark solutions?