Open Science in Transport: Challenges and Way forward

QUESTIONS FOR THE 1ST BE OPEN EVENT

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Hibernia Centre Conference Room

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1. Have you heard about Open Science before?

- Yes
- No
2. What does open science mean to you?

- Open (fair) research data
- Open access publications
- Open code / software
- Open processes (open peer review)
- Open educational resources
- All the above
3. Did you know the EOSC (European Open Science Cloud) before today?

- Yes
- No
4. Which EOSC services look the most beneficial to your work?

- Sharing scientific data
- Linking data
- Connecting scientists globally
- Services to analyse and reuse research data
- Connecting scientific disciplines
- Improving science
- None
5. Which type of Open Data platforms do/would you prefer to use?

- European (e.g. Open Science Cloud, OpenAire etc.)
- National platforms
- Virtual Research Environment
- I am not using any platforms
- Don’t know
6. Is it a common practice in your organization to use Open Science?

- Yes
- No
- Maybe
- Don’t know
7. If Open Science is used in your organisation, which aspect(s) is/are a common practice?

- Open data
- Open software and tools
- Open access publications
- Open infrastructures
8. What are for you the benefits of Open Science?


- Makes the work accessible to anyone
- Allows people to build much more efficiently on previous work
- Helps maximize the usefulness of each individual research effort
- Data tend to have a (much!) longer shelf life than our (limited) interpretations
- Fosters creativity, and stimulates revolutionary research
9. Do you agree that ACCESSIBILITY is the main advantage for using open/FAIR data?

- Yes
- No
- Maybe
- Don’t know
10. Do you agree that the main challenge for using open/FAIR data is RELIABILITY OF MATERIAL?

- Yes
- No
- Maybe
- Don’t know
11. Do you agree that the main barrier for producing open/FAIR data is GDPR?

- Yes
- No
- Maybe
- Don’t know
12. Do you have suggestions on good performing countries in Open Science for our case studies?
13. Do you have suggestions on poor performing countries in Open Science for our case studies?
14. Which are the competence areas where there is an (urgent) need to adopt an open approach to scientific research in the transport sector?

- Business Modelling
- Environmental
- Legal/Regulatory
- Socio-economic
- Technological
- Transport planning
- Other
15. What are the main barriers for fostering a dialogue and cooperation among all different stakeholders on Open Science in Transport?

- Lack of dialogue and collaboration between stakeholders
- Need of a more structured approach to enhance Open Science in transport
- Low dissemination and different knowledge of research achievements due to fragmentation of scientific production
- Lack of commitment from stakeholders to adopt and implement Open Science in a practical way
- Other
16. Do you think stakeholders are all really interested in promoting, contributing and adopting an “open approach” in the transport sector?

- Yes
- No
- Maybe
- Don’t know
17. Which are the case studies in the transport sector where Open Science is a key aspect?

- Open Innovation in automated transport
- Better-informed consumer decision-making
- Improved infrastructure planning and management
- Optimized fleet investment
- Legal and regulatory aspects for homogenization of standard charging technology for electric vehicles
- Others
18. In the transport area, where do efforts be focused to improve future Open Science services and infrastructures?

- Improved cross-disciplinary access to data sets
- Minimisation of non-interoperable services and data
- Enhancement of main data resources in terms of data standards, access provision and data management
- Fostering the implementation common services
- Synergies for costs optimisation
- Access to publicly funded services supplied at national, regional and institutional levels, and to complementary commercial services