



HORIZON-CL4-2021-DATA-01-01

1. What are you looking for?
 - Technology, tools, architectures and methods to support the safe, compliant and responsible sharing of data.
 - The topic will serve the emerging Common European Data Spaces (e.g. health, industrial, finance...), ensuring trust in data sharing
 - Make advances in green, ethical, human and fair data operations in the context of data spaces





HORIZON-CL4-2021-DATA-01-01

2. What do you NOT want?

- Sharing mechanisms for open data only.
- Duplications of data platforms already funded under H2020 topic ICT-13-2018-19
- Inward projects that do not liaise with data providers, data spaces, relevant initiatives
- “Pure technology” projects ignoring the societal & industrial & commercial context





HORIZON-CL4-2021-DATA-01-01

– topic evolution

3. Is this new or has it been called before?

Privacy-preserving technologies and data platforms for “closed” data have been addressed in H2020 (ICT-18-2016, ICT-13-2018-19)

Nine data platform projects from ICT-13-2019 are ongoing and reached mid-project: proof of concept and early experimenting

Now it is time to broaden the “compliance” concept (e.g. environmental compliance) and introduce the social/societal element, as data spaces are more than just technology





HORIZON-CL4-2021-DATA-01-01– topic evolution

4. Current project portfolio ICT-13-2018-19

See project abstracts at [CORDIS](#)

Examples of Data Platforms (IA projects) ICT-13-2019:

DATA VAULTS (Personal data vaults),

i3-MARKET (Intelligent, Interoperable, Integrative and deployable open source MARKETplace with trusted and secure software tools for incentivising the industry data economy)

TheFSM (The Food Safety Market)

PIMCITY (Building the next generation personal data platforms)

Examples of privacy-preserving technology projects (RIA) ICT-13-2018:

MOSAICrOWN (Multi-Owner data Sharing for Analytics and Integration respecting Confidentiality and Owner control)

Safe-DEED (Safe Data Enabled Economic Development)

MUSKETEER (Machine learning to augment shared knowledge in federated privacy-preserving scenarios)



Work Programme topic – Key actors

5. Who are the types of main stakeholders that are addressed?

Data technology & infra providers, data producers & users, data brokers, data subjects (citizens)

6. Is there a key group of actors (eg. Partnership or other) driving this?

- *Big Data Value PPP (H2020 partnership)*
- *European Partnership on AI, data and robotics (Horizon Europe partnership, just launched)*





Work Programme topic

7. Are there any additional / background documents?

Communication: [A European strategy for data](#)
(February 2020, defines the concept of Data Spaces)

[Proposal for a Regulation on European Data Governance](#) (The "Data Governance Act")

[Towards a European-Governed Data Sharing Space](#)
(BDVA position paper, November 2020)

The Digital Europe programme (expected publication/launch in autumn 2021)





Future Outlook

8. Do you have information about future trends, emerging initiatives, roadmaps, type of stakeholders in this area?

The **Digital Europe** programme (once launched) will support the operations, deployment and coordination of the Common European Data Spaces in key domains of society and economy (health, cultural heritage, environment, mobility...).

Tight linking between the “data spaces” topics of Horizon Europe and the actual Data Spaces in Digital Europe will have to be established in the coming months/years!





Upcoming events / information days

9. Please list upcoming information days and other events of relevance to this area

[BDVA Info Day](#) on Horizon Europe Cluster 4, Destination 3 (8 July 2021)



HORIZON-CL4-2021-DATA-01-03

1. What are you looking for?
 - Tools to make data Findable, Accessible, Interoperable and Re-Usable (FAIR principles)
 - The topic will serve the emerging Common European Data Spaces and the provision of “good data for AI”
 - Practicality, robustness, scalability etc. are important: the tools must deliver!



HORIZON-CL4-2021-DATA-01-03

2. What do you NOT want?

Anything theoretical or unrealistic/non-functional



HORIZON-CL4-2021-DATA-01-03

– topic evolution

3. Is this new or has it been called before?
This is an entirely new topic.



HORIZON-CL4-2021-DATA-01-03– topic evolution

4. Current project portfolio
(not applicable)





Work Programme topic – Key actors

5. Who are the types of main stakeholders that are addressed?

Data technology & software developers, data producers & users, data brokers, AI developers

6. Is there a key group of actors (eg. Partnership or other) driving this?

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