

Advanced Technology Watch - Technology Focus on Data Sharing

Data is an essential resource for economic growth, job creation and societal progress. In connection with proper analytics, data is crucial for making informed decisions and is the backbone of the European Commission's digital strategy. The amount of data is expected to grow, creating opportunities for businesses. The huge potential of data can only be further unlocked when shared.

Data sharing is a collection of practices enabling the exchange of information to derive tangible benefits. Sharing data can facilitate a more efficient and transparent process, create new opportunities and spur innovation.



By **2025**, the **global data volume** will have increased by **530%** and the **data economy of the EU27** will reach a value of **€829 bn** (from €301 bn in 2018)

Several data sharing models and frameworks exist, where open data is the pioneer of data sharing:



Solving common challenges and enabling data sharing will create value for organisations in the public and private sector

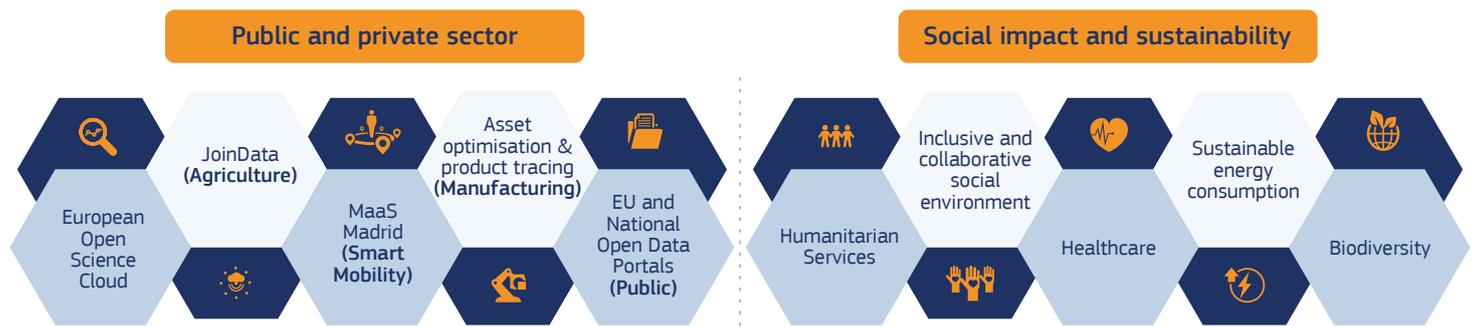
Present challenges in data sharing



Impact and benefits of data sharing



Data sharing and open data have broad implications for the public and private sector, and accelerate initiatives in the social impact and sustainability domains



Policies, regulations and strategies guide and facilitate data sharing



About the Advanced Technologies for Industry (ATI) project

The ATI project – funded by the European Commission – supports the **implementation** of Europe’s new growth strategy with a systematic monitoring of **technological trends** and reliable, **up-to-date data** on advanced technologies.



The **Advanced Technology Watch Reports** explore the futuristic, upcoming technologies that are on the horizon of technology development today and that are characterised by high speed of evolution and a significant disruptive potential.

For more information, read the full Advanced Technology Watch Report on Data Sharing here: <https://ati.ec.europa.eu/reports/technology-watch/technology-focus-data-sharing>

