

What is POSSIBLE?

POSSIBLE
sovereign data sharing

gaia-x
Hub Germany



POSSIBLE – an innovative and user-friendly data ecosystem for self-determined handling of data and data-driven services



Goal: Development of a data and service ecosystem where data and services can be provided and used autonomously, enabling data value creation and collaboration through value-added services.



Innovation: The project promotes decentralised data storage and sovereign data exchange. Interoperable interfaces enable easy and cost-effective integration of existing data silos (for example, across different institutions). This allows for simple and secure exchange of previously inaccessible datasets. Additionally, it facilitates the utilisation of this data through smart services and value-added services.



POSSIBLE is developing Gaia-X reference scenarios for **simple, interoperable, and secure digital operations** in the following areas:

- Public Administration
- Education
- SME (Small and Medium Enterprises)

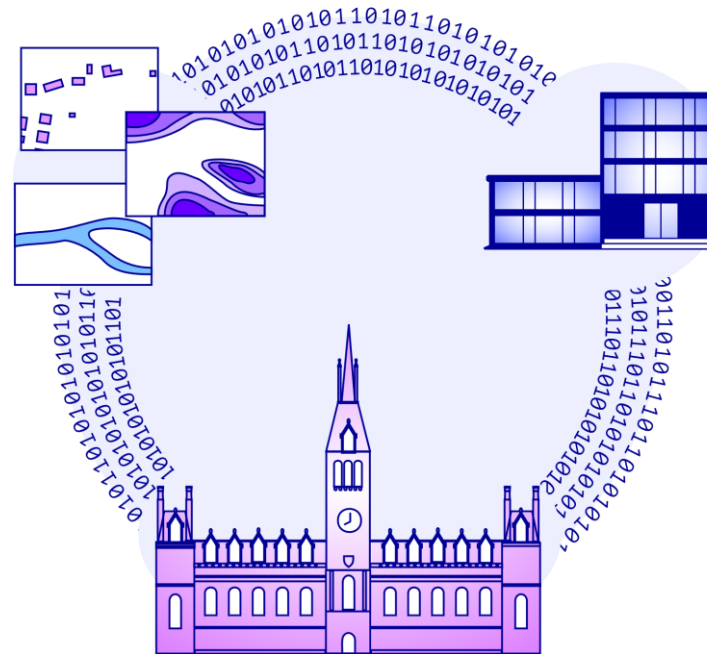


possible-gaia-x.eu

Use Case: Gaia-X-compliant provision of geospatial data (administration)

The use case involves the provision of confidential data using a dataspace.

In cooperation with the State Agency for Geoinformation and Surveying in Hamburg (LGV), we will explore how its dataspaces can be built in compliance with Gaia-X standards.



Among the considerations are the metadata catalog MetaVer and the Urban Data Platform (UDP) of the LGV.

In the specific use case, the goal is to make data available to organisations that do not have access to the city of Hamburg's network but require access to the data and are authorised to do so.



Further Use Cases

Self-sovereign data exchange using Nextcloud via the **POSSIBLE Dataspace (SME)**

Learning recommendation (Education) – Development of a service that can identify learning needs based on competency and learning content profiles.

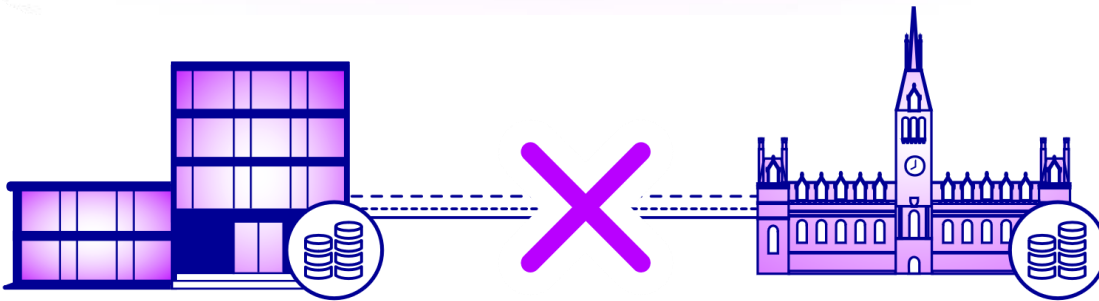
Gaia-X makes POSSIBLE possible

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Situation without Gaia-X

- Many closed "data silos" exist within various administrative departments, educational institutions, agencies, and companies.
- Data cannot be used in a meaningful manner.
- Sensitive (personal) and non-public data cannot be exchanged or can only be exchanged very cumbersome due to data protection or security reasons.



Solution with Gaia-X

- A data and service ecosystem enables a sovereign data value chain in the cloud.
- Smart services enable value creation from the data made available in POSSIBLE Dataspaces.
- Communication and collaboration applications and their data are made usable across organisations within the POSSIBLE-X ecosystem.



POSSIBLE – Secure, sovereign, and interoperable data exchange among diverse stakeholders.