“Data Spaces Support Centre” (DSSC) — Support for sovereign data spaces

The “Data Spaces Support Centre” (DSSC) provides data spaces with an interoperable environment for data exchange and enables the re-use and re-use of data within and between different industries. In doing so, European values are fully respected and thus a major contribution is made to the further digital development of the European economy and society. The project, funded by the European Commission from October 2022 to March 2026 as part of the “Digital Europe Program,” envisages the establishment and operation of a support platform to implement the objectives of the “European Strategy of Data.”

Common standards as a prerequisite for interoperable data spaces

The “Data Spaces Support Centre” explores the needs of data space initiatives across sectors and creates a blueprint for data spaces from common requirements and proven practices. This consists of common building blocks and includes business, legal, operational, technical and social aspects.

The challenge lies in developing common standards for data spaces. Therefore, it is important to work in a collaborative process with all stakeholders and data space initiatives to identify needs and develop common requirements and best practices. This involves analyzing solutions that already exist, integrating solutions that work and identifying where new solutions need to be developed.

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Fraunhofer's role in the "Data Spaces Support Centre"

As consortium leader and with responsibility for overall project management, Fraunhofer ISST has a central role in the DSSC. In addition, Fraunhofer ISST brings extensive experience in the field of data ecosystems to the project. Concrete experiences are the further development of basic components of data spaces as well as the support of the construction of so-called "Building Blocks," which are then combined in a Data Spaces Blueprint. To integrate the Data Spaces Blueprint and the various Building Blocks, the "Data Spaces Support Centre" will provide various support activities.

First results of the project keep expectations high

Concrete results of the "Data Spaces Support Centre" are already available:

- a starter kit that provides an overview of necessary resources for creating data spaces,
- a glossary to create a common vocabulary across sectors for the European Data Space landscape and
- a support platform in the form of a web portal that will promote the establishment of shared data spaces and enable the reuse of data across different sectors.

The "Data Spaces Support Centre" will accommodate data space initiatives of any maturity level. There will be a knowledge base and help desk on the platform. In addition, various already developed solutions for data spaces will be offered in the form of toolboxes in the future. The "Data Spaces Support Centre" will be available to assist all stakeholders and data space initiatives with various support services throughout the life of the project.

In addition to Fraunhofer ISST and Fraunhofer FIT, the consortium consists of both the Data Space Business Alliance (BDVA, FIWARE, Gaia-X, IDSA), MyData, European RTOs (Research and Technology Organizations such as VTT, TNO, KU Leuven and the Insight Center), as well as Capgemini and the think-do-and-connect tank Sitra.

More information about the DSSC and participation opportunities is available on the "Data Spaces Support Centre" website:dssc.eu/.

The sponsoring

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