

CATALYZING THE DATA ECONOMY THROUGH DE FACTO STANDARDS AND DEMONSTRATIONS

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The Gaia-X Summit 2023 Edition proved to be an exceptional and landmark event, steering the course for a future defined by data sovereignty and technological innovation. The Summit reaffirmed the Gaia-X initiative's commitment to promoting data trustworthiness, emphasizing the need for all participants of data ecosystems to keep control over their data.

The event underscored the significance of collaboration in building a thriving data ecosystem. From establishing a robust framework, based on standards like the W3C, to ensuring interoperability to break down silos & enhance efficiency, this year's edition is laying the foundation for a new era for data exchange, relying on industrial & battle-proven de facto standards, ultimately driving widespread adoption of Gaia-X principles.

Focus was made on Gaia-X Digital Clearing Houses (GXDCH) that are pivotal components designed to facilitate secure and trusted data transactions, as they are the keys to defining what means to be Gaia-X compliance for participants, services, data products. Additionally, playing a crucial role in the seamless interoperability across platforms and industries, was the significant progress in the development of Federated Catalogs, within the Gaia-X framework, through Credential Event Services (CES) that will be part of the "Loire" release of the GXDCH.

Just as Catena-X announced the launch of its data space, Agdatahub, the data intermediation platform for agriculture and agrifood sectors operated since 2019, demonstrated the practical application of Gaia-X principles with the integration of GXDCH and Federated Catalogs. Powered by Dawex technology and Orange Business. Agdatahub exhibited how these data products can be shared with other data space catalogues such as Aster-X, built by the GXFS-FR initiative (IMT/Teralab, Atos, OVH, Dawex, Docaposte, 3DS Outscale). This demonstration showcased how farmers can securely share and access agricultural data products, exemplifying the transformative potential of Gaia-X in

optimizing processes & fostering innovation within specific industries.

The Gaia-X Summit 2023 Edition marked a major turning point with the acknowledgement that Gaia-X is evolving into the de facto standard for data ecosystems. Technical strides in the Gaia-X Digital Clearing House and Federated Catalogs were demonstrated, along with tangible impacts through real-world data spaces. Trusted data spaces will be the infrastructure needed for data circulation so that advances in AI - particularly in the industrial field - integrate necessary traceability for the accountability of the outputs of AI algorithms. Industry leaders are now actively adopting Gaia-X principles, particularly at a time when new regulations such as the Data Governance Act, the Data Act and the future AI Act in Europe are requiring the standardization of data-space components to ensure trust and compliance.

