











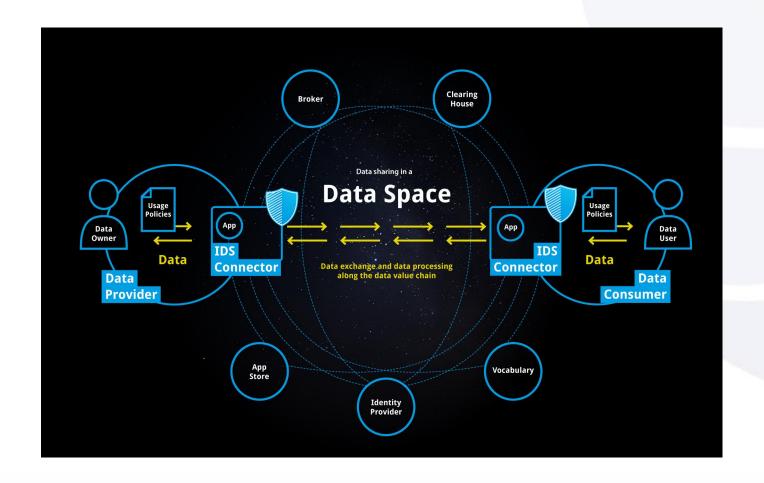
THE ULTIMATE PLATFORM FOR FULLY ADAPTIVE DATA & ANALYTICS GOVERNANCE

IV Foro Baidata - Anjana Data Platform For Data Spaces (ADP4DS)

# 1 Introduction



A Data Space is defined as a distributed system defined by a governance framework that enables secure and trustworthy data transactions between participants while supporting trust and data sovereignty





Although there are different initiatives, guidelines, frameworks and standards promoted by the EU Comission for building Data Spaces, there are still many limitations and challenges for most organizations





INTERNATIONAL DATA SPACES ASSOCIATION



**Technical** approaches with a focus on **infrastructure** and **architecture** rather than **data management** 

A growing and constantly evolving ecosystem, with a high degree of fragmentation

Existing **barriers** to achieving organizational, technical, and semantic **interoperability** 

Difficulties in ensuring sovereignty, traceability and regulatory compliance in practice

#### **Technical solutions and tools**

Complex tools for technical profiles with low maturity levels and few success cases

High implementation costs and economic barriers for many organizations

Non-adaptive solutions with low customization capabilities to meet sector-specific needs

Need for **automation** of key processes in **productive business environments** 



ADP4DS is Anjana Data's value proposition to facilitate the construction, management, operation, and maintenance of Data Spaces meeting European guidelines, frameworks, standards and regulations

























# **Anjana Data Platform For Data Spaces (ADP4DS)**

Robust and mature platform, internationally recognized in business environments

Implementation plan with low initial investment and flexible, scalable pricing model

Modular, adaptive, and customizable solution with an open, scalable, and extensible architecture.

Out-of-the-box integrations with Trust Framework, Clearing House, and IDS connectors

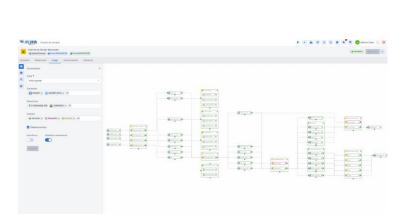
# 4

# **ADP4DS – DSSC Building Blocks**

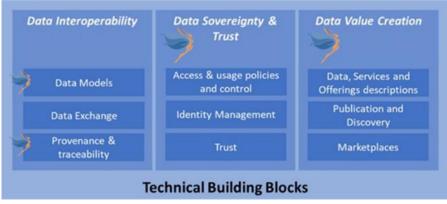


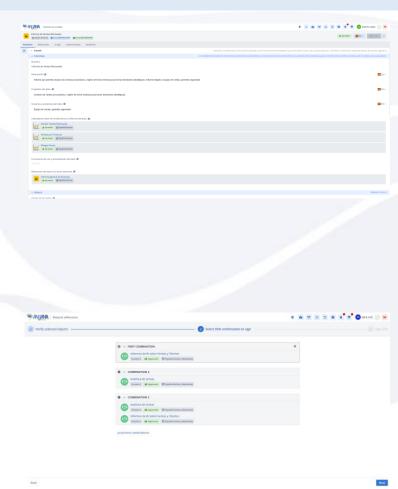
With ADP4DS, any organization may implement most of the building blocks defined by DSSC for the construction of a data space, all within the same platform and with a friendly UX&UI on top





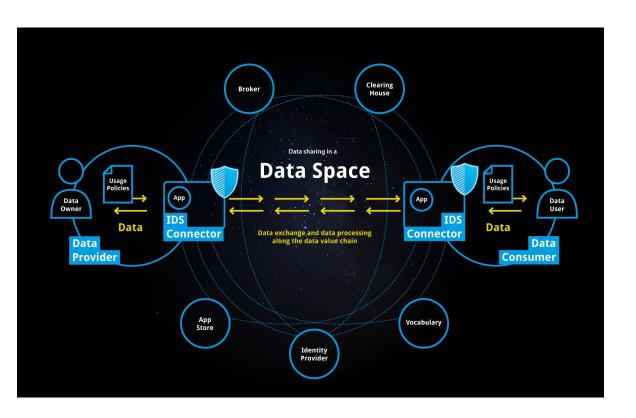


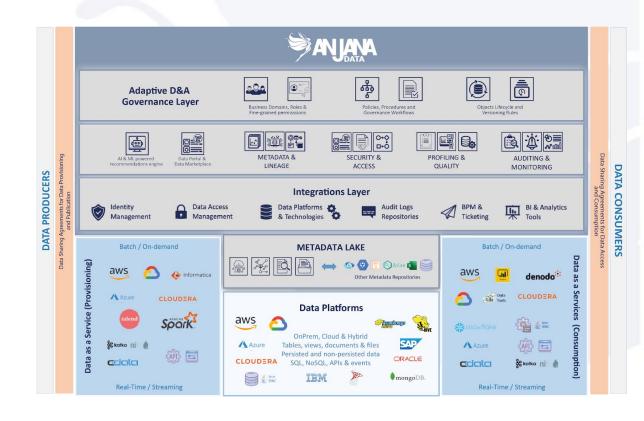






ADP4DS works as a technology-agnostic common layer for Data Governance & Sharing thanks to its metadata-centric approach while it offers extended bidirectional native integrations with IDS connectors

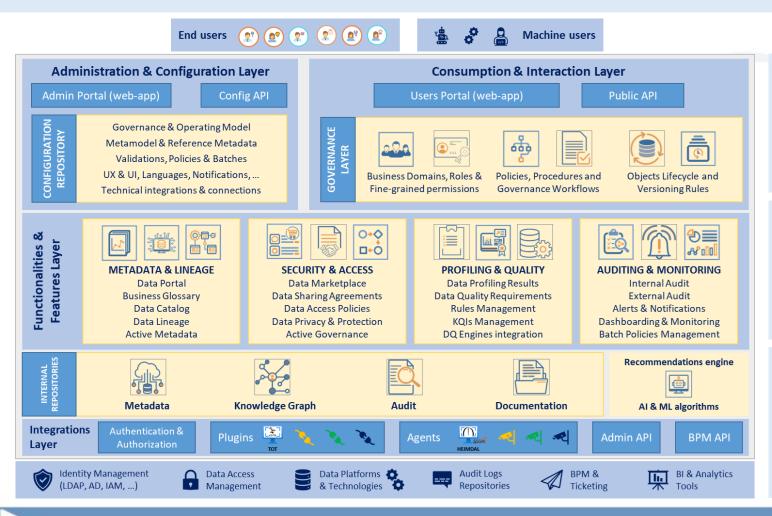




# ADP4DS Architecture



ADP4DS architecture has been designed to cover all Data Governance and Sharing needs within a Data Space while being agnostic to the technical architecture and the data ecosystem technologies



- Administration & Configuration Layer lets admin users customize the solution based on the Data Space's needs and requirements without coding
- Consumption & Interaction Layer allows any kind of user to get access to all Functionalities & Features passing through the Governance Layer
- Both web-based Portals and APIs available for interaction with the solution
- 4 main functional modules offering different features and functionalities all integrated within the same solution and platform
- Functionalities and features may be customized for the Data Space, and they will be adapted to the users based on the defined governance model
- All features are accessible through the web-based Portals and APIs
- Several internal repositories for diverse purposes, all accessible through APIs and direct access for further exploitation (no black boxes)
- Recommendations engine to give users support and advice
- Different options to integrate the solution within any kind of technology stack and ecosystem with extension and customization capabilities
- Plugins to automate common technical processes over data platforms



A Data Sharing Agreement is a flexible, adaptable and fully customizable logical group of Data Products designed to implement effective and efficient data sharing ensuring secure and trustworthy transactions



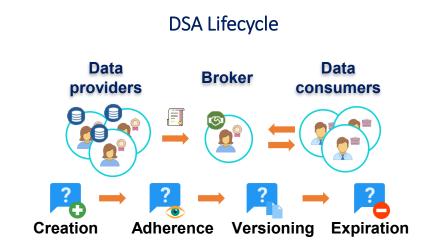
Data Products & DSAs

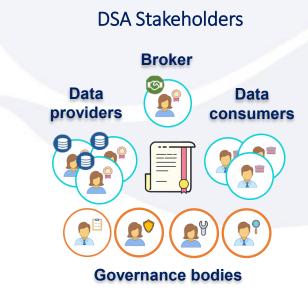
N Data Products to 1 DSA



1 Data Product in N DSAs









THE ULTIMATE PLATFORM FOR FULLY ADAPTIVE DATA & ANALYTICS GOVERNANCE

Interested in knowing more?

Feel free to contact us!

anjanadata.com info@anjanadata.com