



trusted
european
media data
space

Creating convergence in data spaces

Sylvain Le Bon – Startin'blox

Data space symposium

Darmstadt, 12 March 2024



Funded by the Digital Europe
Programme of the European Union
Under Grant Agreement No 101123423

EUROPEAN MEDIA DATA SPACE

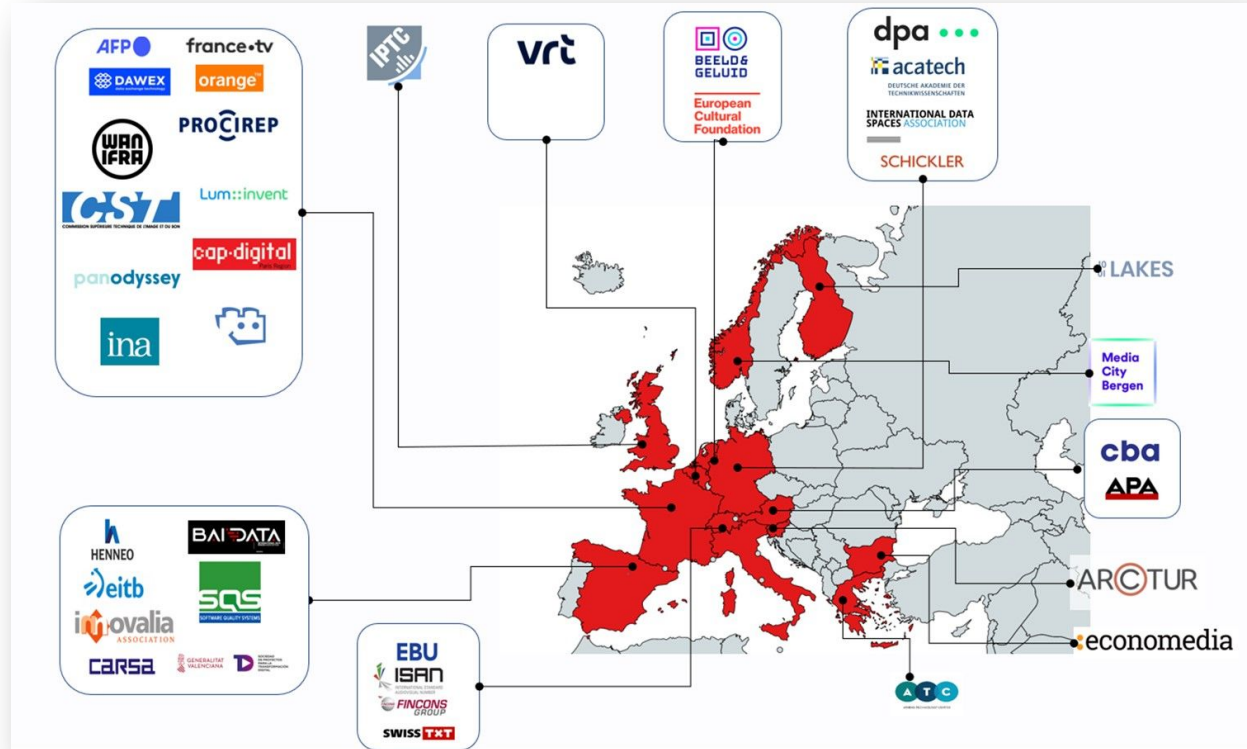


FIGHTING MISINFORMATION

AUDIENCE ANALYSIS

IMPROVING DATA FLOWS IN PRODUCTION CHAINS

SUPPORTING THE ADOPTION OF AI AND VIRTUAL REALITY TECHNOLOGIES



BRINGING DATA PLATFORMS TOGETHER

How do we make a consistent data space out of these diverse pilot projects?

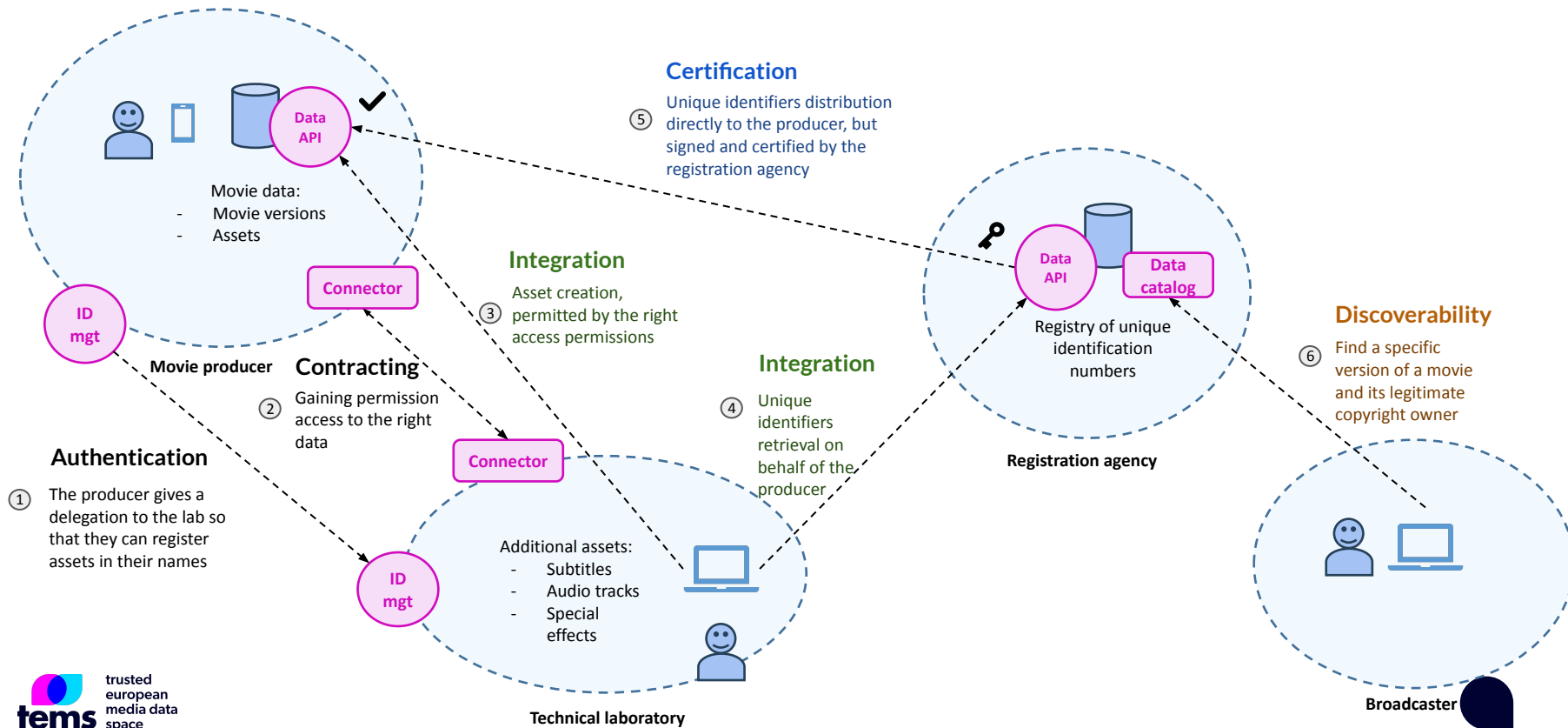


THE FUNCTIONS OF A DATA SPACE

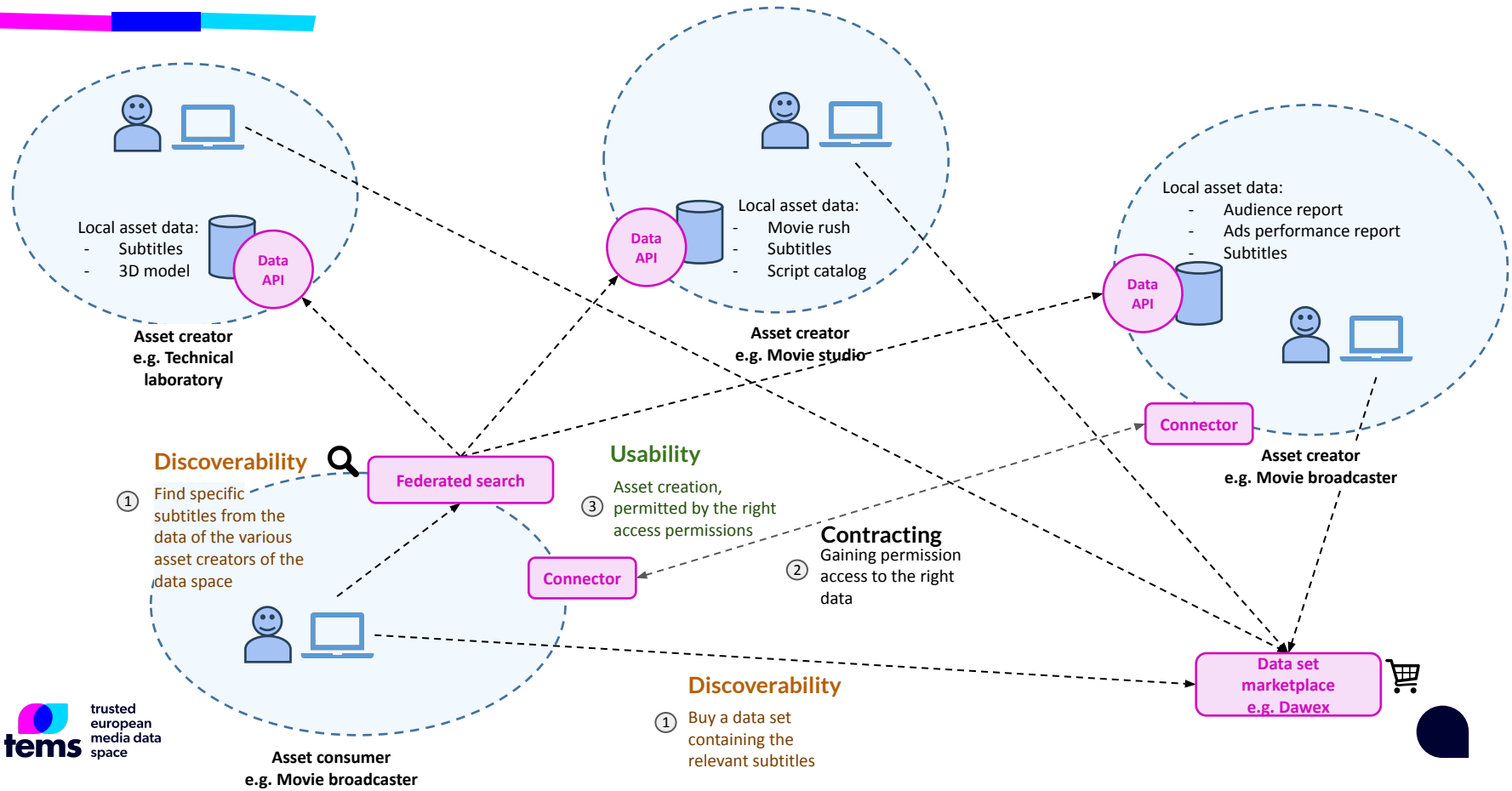
Functionality	Description	Standards	Open source Implementation	Example use cases
Data Discoverability	Find every piece of data that matches certain criteria, among all data sources	Solid / Type index (Shape index?)	Communica	As a car manufacturer, find all the sold cars that contains a part with a given serial number
Data Integration / Visualization	interact with the data in a dedicated user interface	Solid / LDP	Solid CSS	As a researcher, see the fishing zones where species are on the brink of extinction
Data Certification	bring trust on the truthfulness of some information	DID / VC	Gaia-X	As a food retailer, prove the traceability of my products
Data Monetization	monetize data through data space enabled business interactions	Beckn	Beckn UI	As a taxi driver, sell a ride to customer to whom I share my location
Data processing / AI	Federated learning	Need a standard?		As a health professional, make predictions on my patient data without sharing that data with an AI company
Authentication	Technical element	OIDC / VC	Sphereon	
Contracting	Technical element	DS Protocol	EDC	



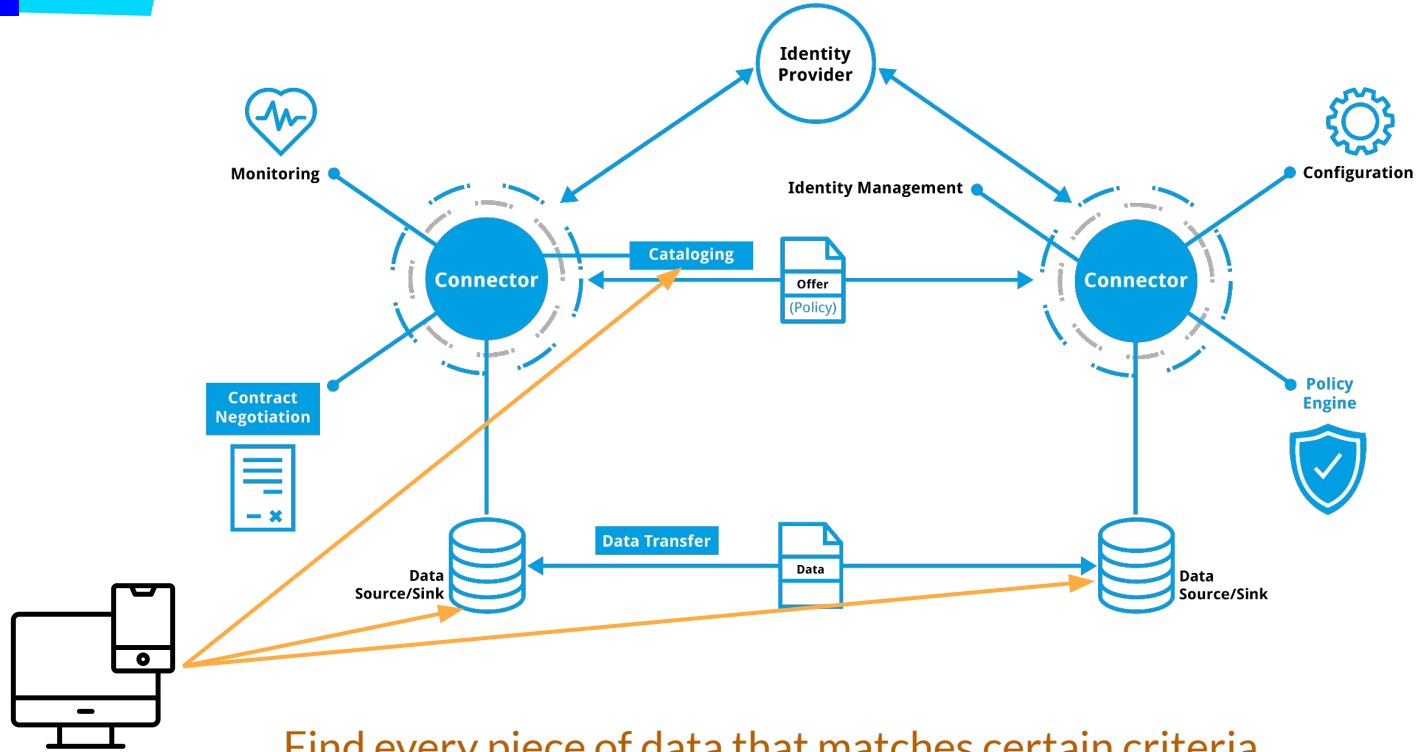
TEMS USE CASE 1 – POST PRODUCTION



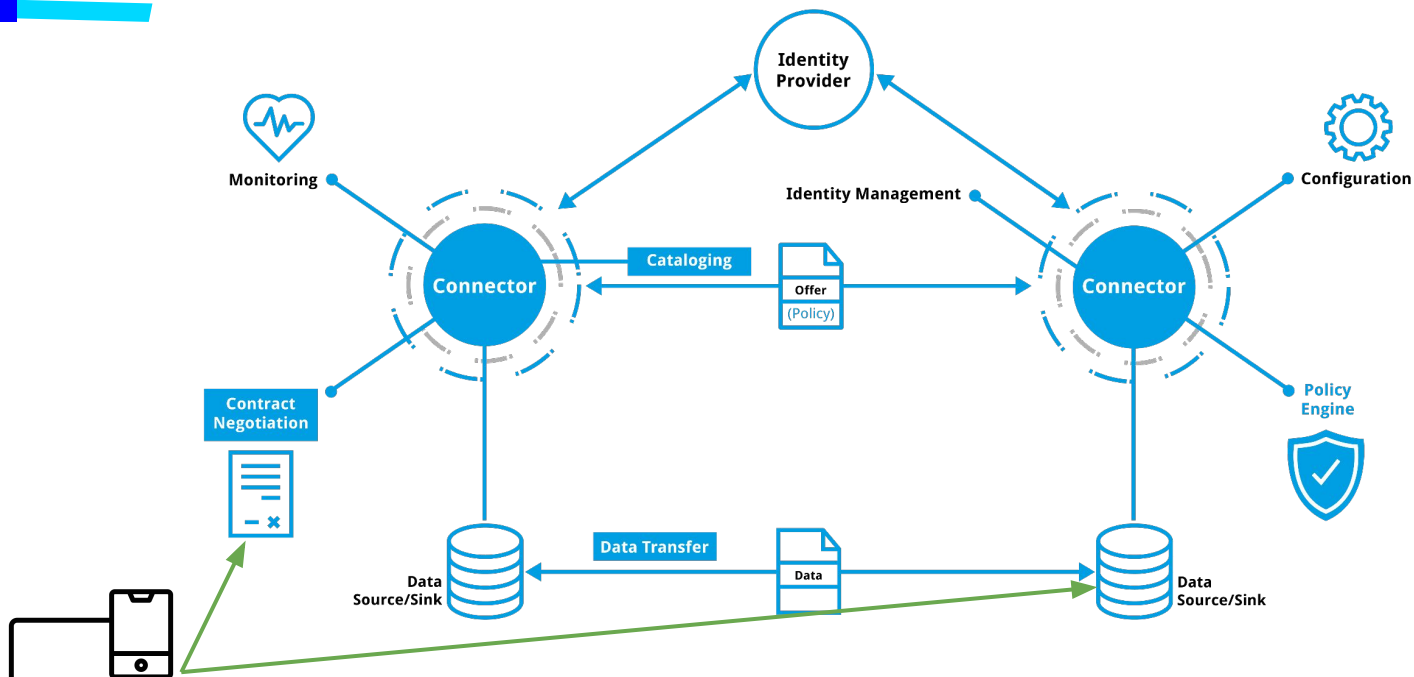
TEMS USE CASE 2 - ASSET EXCHANGE



DATA DISCOVERABILITY



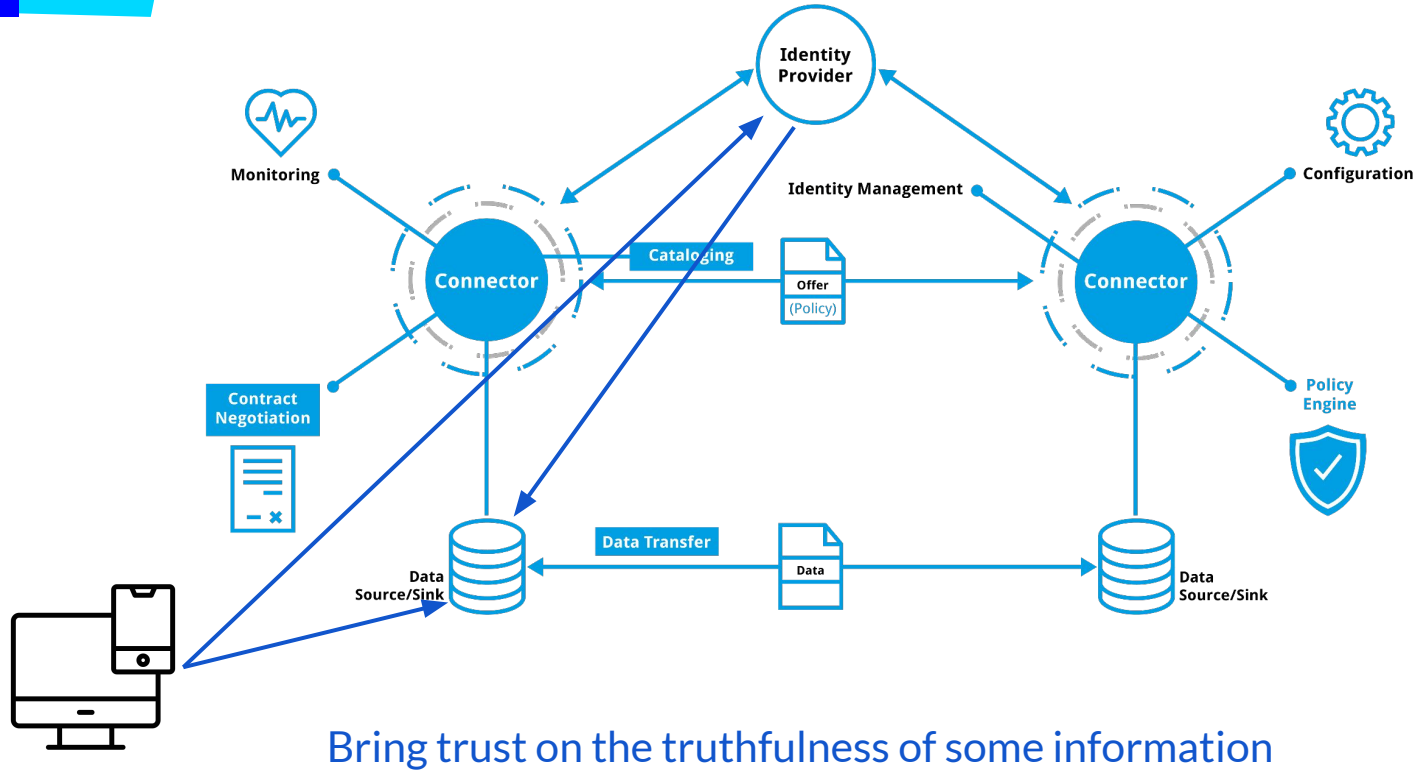
DATA INTEGRATION



Gain access to the data and interact with it in a dedicated user interface



DATA CERTIFICATION



MATCHING THE USE CASES WITH FUNCTIONS



	Discoverability	Usability	Certification	Transaction	AI
	Find every piece of data that matches certain criteria, among all data sources	Gain access to the data and interact with it in a dedicated user interface	bring trust on the truthfulness of some information	monetize data through data space enabled business interactions	enable decision making and content generation
Unique identification	✓	✓	✓		
Asset catalog	✓	✓		✓	
Fact checking		✓	✓	✓	✓
Audience optimization		✓			





Let's make all data spaces interoperable!

Sylvain Le Bon – Startin'blox

sylvain@startinblox.com

<https://www.linkedin.com/in/sylvainlebon/>



Funded by the Digital Europe
Programme of the European Union
Under Grant Agreement No 101123423