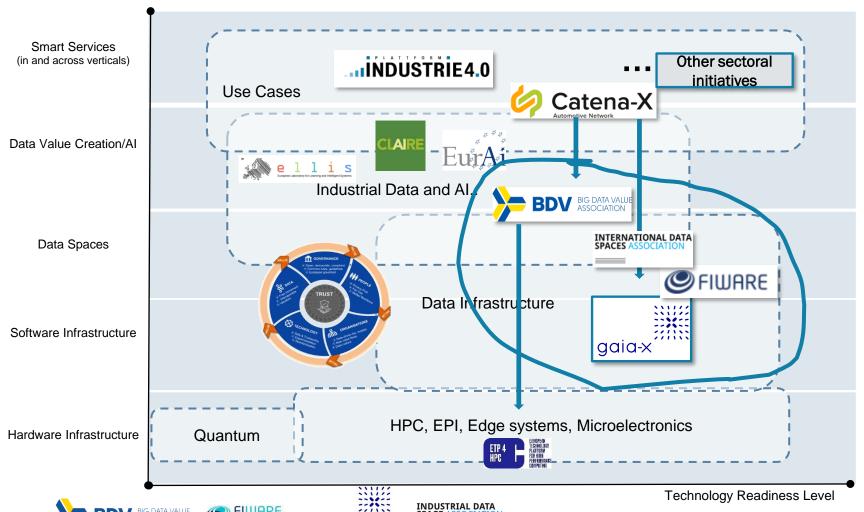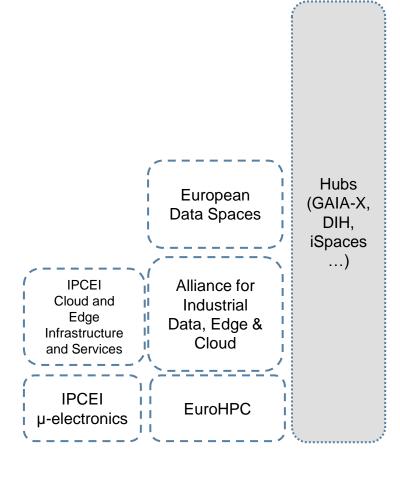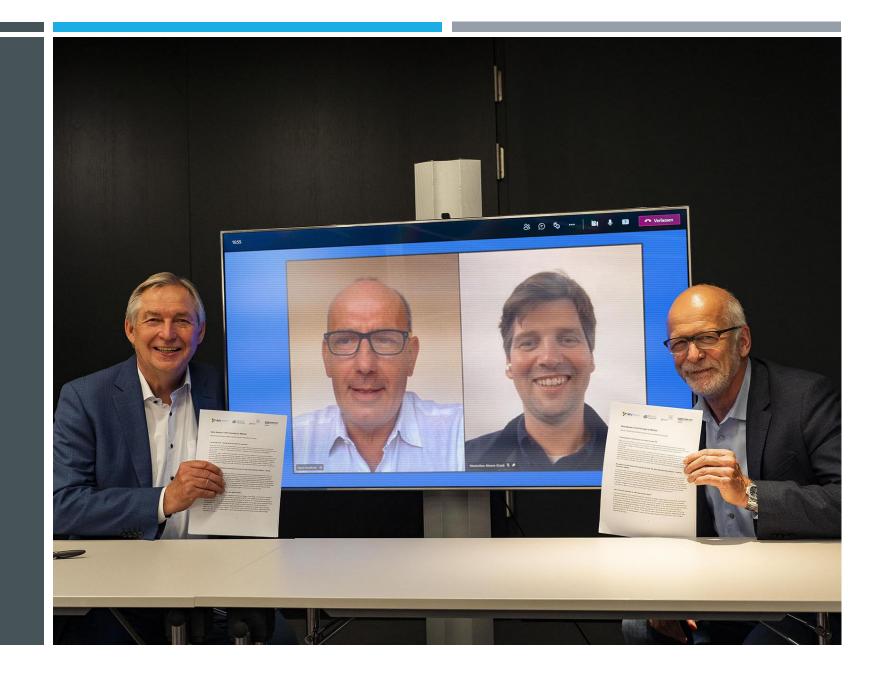# STRATEGIC DIGITAL/DATA RELATED INITIATIVES FOR EUROPE (SHOWING TECHNOLOGY COVERAGE) COMMENT: EXAMPLES

BDVA, FIWARE, GAIA-X AND IDSA LAUNCH AN ALLIANCE TO ACCELERATE BUSINESS TRANSFORMATION IN THE DATA ECONOMY (SEPTEMBER 23RD, 2021)

- **One voice and a common framework** to make data spaces happen;

- Bringing together data providers, users and intermediaries, data spaces are key to driving businesses to **competitively extract value out of data**;

- Together, **the Alliance's founding organisations represent 1,000+ leading key** industry **players**, associations, research organisations, innovators, and policy-makers worldwide;

- With its combined **cross-industry expertise, resources and know-how**, the Alliance drives awareness,

"Secure and reliable data infrastructures, data spaces and data sovereignty must be the standard and will activate the creation of value out of the data. This is essential for improving businesses and processes, and supporting new opportunities"

"With a powerful network, a deep knowledge pool - from the research to the industry field, and the willingness to do this together, the Data Space Business Alliance, set up by major European organisations, will have a significant impact on industries and lead to a successful data economy including the use of Industrial AI"

Thomas Hahn, President of BDVA

"We are converging the best skills, assets and experience in data spaces into a single view. This Alliance builds a one-stop-shop in Europe for data spaces, from inception to deployment. One voice, one framework and one joint mission to move the future of the digital economy from theory to market, in a faster manner. This Alliance is a must."

Francesco Bonfiglio, Gaia-X CEO

"We have proven that building data spaces is possible. Now we must do it. The Data Spaces Business Alliance has all the joint capabilities to successfully build and even run data spaces. The next step is large scale adoption to fully realize the economical potential. In this Alliance, we will act now and think big for the digital future that will benefit everyone"

Reinhold Achatz, Chairman of the International Data Spaces Association (IDSA)

"BDVA, FIWARE, Gaia-X, and IDSA – with long-established and renowned ecosystems in their respective fields – establish at the right point in time an Alliance that realises federated data ecosystems and growing marketplaces by the implementation of data spaces in specific verticals such as health, manufacturing, finance, agriculture, utilities, mobility, tourism, the public sector, to mention but a few"

Dario Avallone, FIWARE Foundation Board of Directors' Chairman

THE ONE-STOP-PLACE FOR EVERYTHING DATA SPACES RELATED

The Alliance is working together in three major areas:

- **1) Technology and architecture:** The Alliance defines a common reference model, based on existing architectures and models, leveraging each other's efforts on infrastructure and implementations. It drives interoperability by harmonising technology components and other elements.

- **2) Support:** The Alliance assists the existing organisations and data spaces by pooling their tools, resources and expertise in a focused way. The support includes handbooks, roadmaps, individual evolution plans, access to Digital Innovation Hubs (DIHs), acceleration programmes etc. and includes a go-to-market toolkit to make data spaces happen.

- **3) Identification and characterisation:** The Alliance establishes a 'Data Spaces Radar' to actively scout potential data spaces. It provides a unique overview on data spaces evolution on a global level, thanks to an enormous network and unprecedented expertise. The Alliance also promotes frontrunners and identifies best practices used by them, for the benefit of all

DSBA: OPERATIONALISATION AND 100-DAY PLAN

BRUSSELS, SEPTEMBER 30TH 2021

DSBA: OPERATIONALISATION AND 100-DAY PLAN

Deployment

Overall Data Spaces Roll-out plan

- Coordinate the evolution of the most promising data spaces,
- Group the lighthouse initiatives and promising data spaces to a frontrunner data spaces initiative
- Map similar initiatives in different MS, and match-making.

Individual Data ~~luation~~ (...)

- ...
- Make u~~se~~ template and ~~...~~ playbooks
- Individual plans per data space, coherent to a common framework

Deployment Support Team

- Continuous knowledge transfer to the data spaces
- ~~ena~~ble consortia to grow and ~~...~~ data space
- ~~...~~ts / mobilise
- ~~...~~
- harmo~~...~~ stories for ea~~...~~

Data Trust / operating company

- All elements needed to roll-out a Data Space, Not only the technical, but organisational, skills, etc, etc. Handbook of intra-organisational and inter-organisational aspects
- Governing body and operating companies

Education and Skills

- Data Spaces designer, engineer, operator and PM profile
- Training and educational courses
- General Awareness Programme

Guidance and tools

Survey, Maturity Assessment and Radar

- Retrieve information on data space endeavours
- Scout promising and mature endeavours
- Identify Lighthouses and best practises
- Benchmarking

Standards

- **Influence standards (European and Global standards)**

Regulation

- **Understand, influence, implement,….**

Technology architecture, Integration and Solutions

- SW integration of components
- Integration of existing solutions…
- …….

~~...~~ ~~...~~ap and S~~...~~

- **Map technologie~~...~~ model**
- Map **technologies on timeline~~...~~**
- Identify **challenges and gaps**
- Derive **technology roadmap**
- **Strategic Agenda**

Disruption and Innovation

- How do we bring disruption and innovation into the ecosystems?
- Scientific reflection on the evolution of the framework
- Network of research experts
- E.g. BDVA. Gaia-X institute,..

Framework

Common Reference Model / framework (common understanding, common voice)

- **Technical common reference model**
- **Minimum set of requirements** (operate, interoperate, comply, get value,…)
- **(Minimum) Common set of rules and design principles**
- Based on existing frameworks

HUBs

- Map
- Coherence
- Collaboration

Ecosystem engagement

Data Spaces Support Centre

Work in progress