


BIG DATA VALUE ASSOCIATION – BDVA		 BDVA BIG DATA VALUE ASSOCIATION
Nature of the Initiative	Association	
Mission	To develop an innovation ecosystem that enables the data-driven digital transformation of the economy and society in Europe.	
Sector(s) addressed	Agrifood Automotive Earth Observations & Geospatial Energy Finance Healthcare Media Mobility & Logistics Security Smart Governance & Smart Cities Smart Manufacturing Industry Telecom	
Leading Organisation	Independent lead composed by a members-based General Assembly, that selects a Board of Directors & coordinated by the Secretary General.	
Members (approx.)	+240 members 31 different countries	
Founded (Year)	2014	
Web (URL)	https://www.bdva.eu/	
Social Media Presence	LinkedIn Twitter – X YouTube Flickr	
Relevance for Industry 4.0	It addresses challenges related to big data, including storage, processing, analysis, standardisation, privacy/security & skill development	
Key Information	Levels	Important Links
Data Space Technical Specifications	★	GitHub/Eclipse Link: NA
Data Space Governance	★★★★	Document Library Link
Data Space Demonstration	★★★	Events , Data Week 2024 , European Big Data Value Forum (EBDVF) 2024
Data Space Adoption	★★★	DEP Data Spaces , Data-Driven Innovation (DDI) Framework ,
Connected Data Space 4.0 Initiatives	The Data Spaces Business Alliance / Team Data Spaces / The Data Driven Innovation (DDI) Framework	
Additional Information		
Contact (Name/E-mail)	Email: info@core.bdva.eu	

Report

What is BDVA?

BDVA enables existing regional multi-partner cooperation through the provision of tools and know-how to support the co-creation, development, and experimentation of pan-European data-driven and AI applications and services, and know-how exchange.

Focused on advancing in areas such as big data technologies and services, data platforms and data spaces, industrial AI, data-driven value creation, standardization and skills.

BDVA has been the private side of the H2020 partnership Big Data Value PPP, it is a private member of the EuroHPC JU, is also one of the founding members of the AI, Data and Robotics Partnership and is a founder and supports the organization of Adra (the AI, Data and Robotics Association). BDVA has developed a strong and growing cooperation with Gaia-X, IDSA and FIWARE through the Data Spaces Business Alliance (DSBA), it is a partner of the Transcontinuum Initiative (TCI) and collaborates with many industry-driven AI national initiatives and other European communities.

Members

BDVA members include large industries, SMEs, research organizations and data users and providers to support the development and deployment of the EU Big Data Value Public-Private Partnership with the European Commission (over 230 members). There are two types of memberships:

- Full members can participate in all the activities of the Association have full voting rights in the general Assembly and can be elected to be part of the BoD.
- Associate Members can participate in the activity of the Association without voting rights.

Solutions & Key Assets:

- BDVA i-Spaces

BDVA offers what's called i-Spaces, Innovation Hubs for SMEs and startups to allow them get their data-driven and AI-related services, products and applications quickly tested, piloted, and exploited. They're acceleration environments for data-driven innovation in many industrial sectors like Manufacturing 4.0, Logistics, e-Commerce, Media, Aerospace, Automobile, Energy, Agriculture and Agroindustry, Pharmacy, e-Government, Environment, Public Health and Smart Cities. The basis of i-Spaces is an existing infrastructure and that they federate, complement and leverage activities of similar national incubators/environments, research and innovation projects and other national or European initiatives (EDIHs). i-Spaces are federating efforts and expanding through the EUHubs4Data Project. This project has a catalogue of federated services, datasets and training.

- Data-Driven Innovation (DDI) canvas

BDVA also offers a DDI canvas, a framework and a tool or companies to develop a strategies and comprehensive content for exploring data-driven business opportunities. Finally, to ensure quality, BDVA set up the i-Space label. By this labelling process, the BDVA recognizes the quality of existing data experimentation and innovation hubs and guarantees that the innovation environments provided by those initiatives meet the necessary requirements to boost data-driven and AI-based innovation at local level.

- Task Forces

Task Forces (TFs) are the main instrument to develop BDVA activities and are established to take care of specific matters within the 'Objectives' of the Association under the authority of the BoD. In the BDVA TFs, the members contribute to the European data, and AI R&I agenda and develop guidelines and strategic roadmaps for industry and policymakers. Their events give opportunities to build collaborations and co-create projects. Through the BDVA community, the members gain higher visibility on the European level. The services provided by the BDVA are designed to give timely updates on all the latest developments in the fields of data and AI.

- ❖ Cross sectorial Task Forces include: Business, Data and AI Technologies, Data Protection, Data Spaces, Emerging Topics, Ethical and Trustworthy Artificial and Machine Intelligence, HPC – Big Data – AI, I-Spaces, Policy, Societal and Regulation, Skills, Standards and Benchmarking and Trustworthiness of industrial AI.

- ❖ Sector-specific Task Forces include: Agrifood, Automotive, Earth Observations & Geospatial, Energy, Finance, Healthcare, Media, Mobility and Logistics, Security, Smart Governance and Smart Cities. Smart Manufacturing Industry, and Telecom.

Events

- [EuroHPC Summit 2024 \(Link\)](#) Date: Monday 18th March 2024 to Thursday 21st March 2024. Location: Antwerp, Belgium.
The EuroHPC Summit 2024 will bring together relevant European supercomputing stakeholders, public and private, as well as decision makers, allowing them to share the latest technological developments, define synergies, express their current and future needs, and participate in shaping the future of Europe supercomputing.
- [Yearly Data Week](#)
. During the event, the participants share knowledge and results, discuss topics of common interest, find synergies, build new collaborations, and identify new challenges and recommendations.