

Impact and sustainability of data-driven compliance technologies and solutions

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Secretary General BDVA

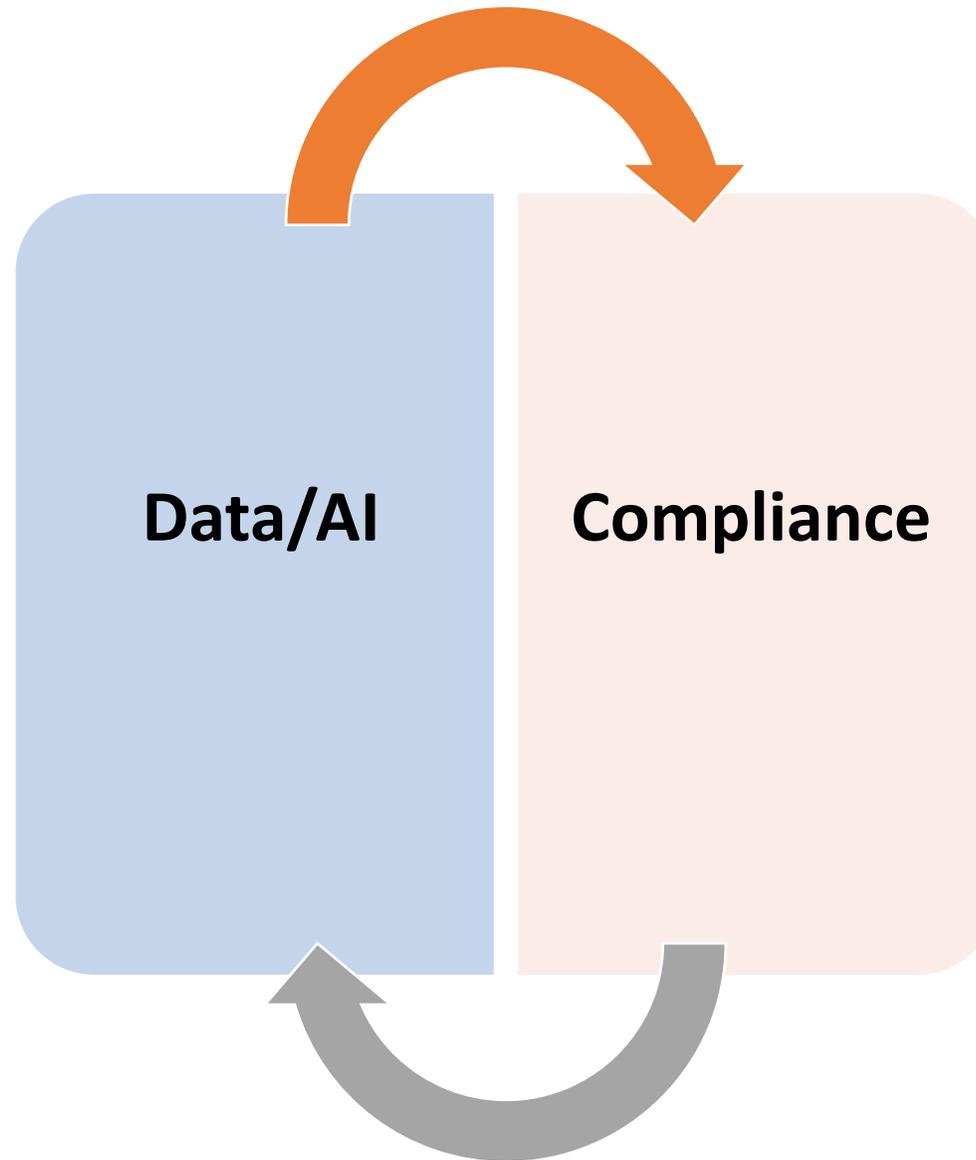
January 15 2025
Oslo



Explosion of solutions and vendors in the market

Increasing collaboration in digital ecosystems

Many projects and different actors involved



Complex and evolving regulatory landscape.
Geographical differences

Many dimensions, approaches and types of compliance

Explosion of terminology

Key for **competitiveness** and **innovation**

E-COMMERCE & MARKETPLACES

Retraced partners with r-pac to streamline regulatory compliance

TECHNOLOGY

How do banks navigate the trinity of costs, compliance, and innovation?

JANUARY 13, 2025

Author: GFMag.com Admin

f in



product



Blogs

Top 5 Governance, Risk, and Compliance (GRC) Tools and Solutions for 2025

GRC

12 December 24

MetricStream Team

Jump

Categories Interviews Podcasts For Vendors



Compliance

The Top 12 Governance, Risk, And Compliance (GRC) Platforms

The Top Governance, Risk, and Compliance Tools that offer comprehensive GRC capabilities to manage activities such as risk assessment, policy management, and audit tracking.



RegTech Universe 2024

Take a closer look at who is orbiting in

RegTech (Regulatory Technology) is more than that is already having an impact on regulatory Universe. where we are compiling a list of Reg

GOVERNANCE, RISK & COMPLIANCE (GRC)

Top 10 European GRC Software Providers in 2024

scope of governance, risk management, nesses need robust, reliable software

Regulatory Reporting 88 RegTechs
Enable automated data distribution and regulatory reporting through big data analytics, real time reporting and cloud.

Risk Management 72 RegTechs
Detect compliance and regulatory risks, assess risk exposure and anticipate future thre

Identity Management & Control 93 RegTechs
Facilitate counterparty due diligence and Know Your Customer (KYC) procedures.

Compliance 220 RegTechs
Real time monitoring and tracking of current state of compliance and upcoming regula

Transaction Monitoring 41 RegTechs
Solutions for real time transaction monitoring and auditing.

Top 10 European GRC Software Providers in 2024



EU Business news Home About U

18th September 2024 • 4 min read

Top 7 Compliance Automation Software

Top 7 Compliance Automation Software Compliance is often followed by the question "where do I even begin?!" Navigating the tricky compliance maze can be...

Questions

- What is the impact and sustainability of research and innovation projects developed so far ? How are they connected to the growing market of providers and solutions ? What is the impact in the users ?
- Can data spaces (as data ecosystems) act as an element of convergence and sustainability ?
- What can we do from now onwards to increase the impact and sustainability of Data/AI compliance projects and solutions ? What is the call for action ?



About BDVA

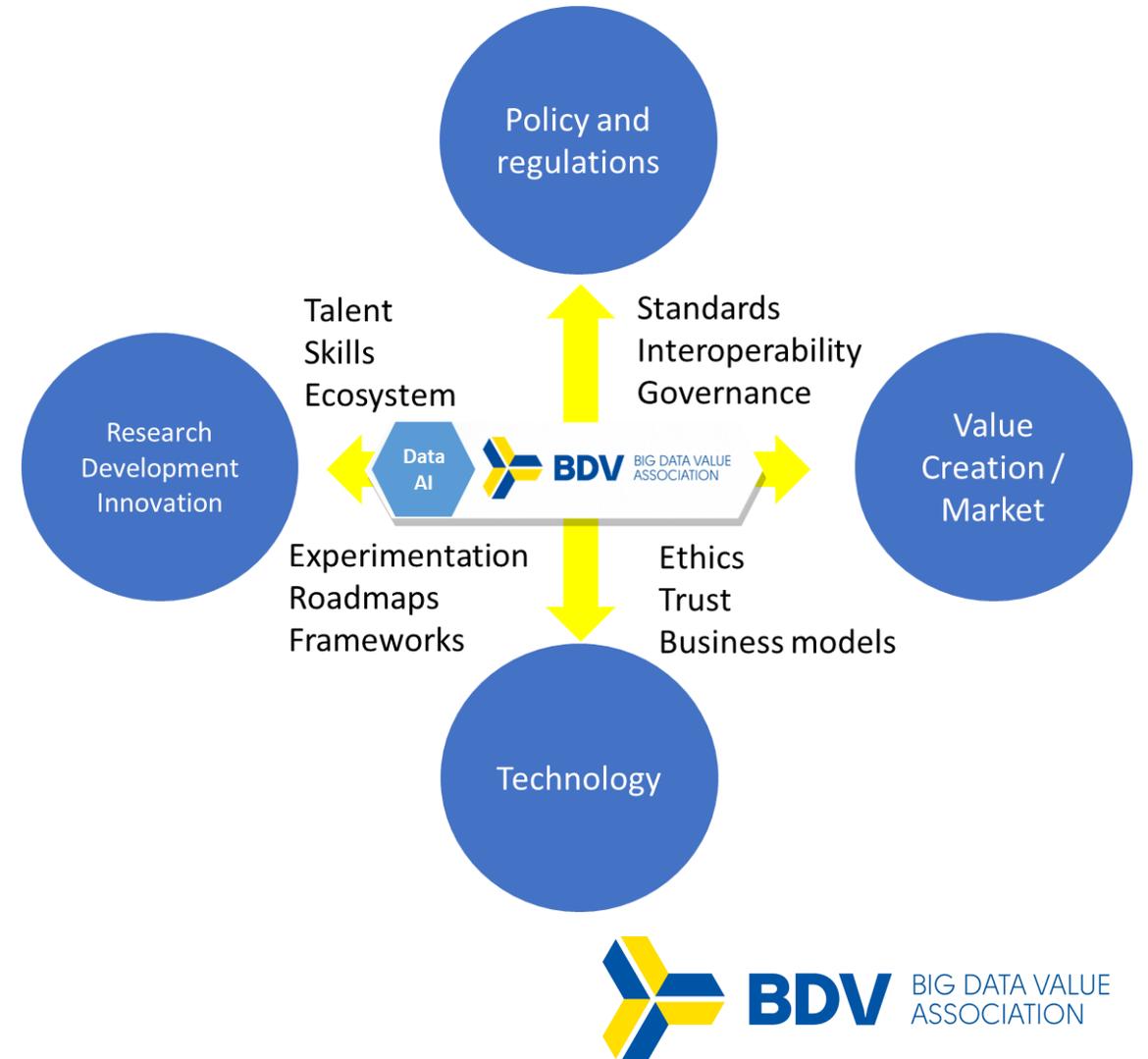
**International non-profit association
Industry-driven
research and innovation Data/AI community** with over **250 members**
all over Europe.

To boost Data and AI innovation and data value creation for business, citizens and the environment

To foster excellence in Data and AI research for competitiveness

To develop the innovation ecosystem that enables and accelerates Data and AI economy with European values and focus but global impact and ambitions

To lead and be at the forefront of the dynamic change that Data and AI brings to business, public sector and society



Data and AI collaborations

Data Strategy



AI Strategy



Digital Transformation and Digital Decade



Value for members



European Ecosystem Projects Network of Collaborations

BDV cPPP



430 M€ public and
2,26 B€ private
investment

AI, Data and Robotics Partnership



EuroHPC JU



Data Spaces Business Alliance (DSBA)



INTERNATIONAL DATA SPACES ASSOCIATION



Other collaborations



Standard.
Bodies...

BDVA Task Forces bring members together to discuss and advance on topics of common interest.

Sectoral Task Forces

Telecom	Healthcare	Media	Earth observation & geospatial
Smart Manufacturing Industry	Mobility and Logistics	Smart Gov/Cities	AgriFood
Finance	Automotive	Energy	Security

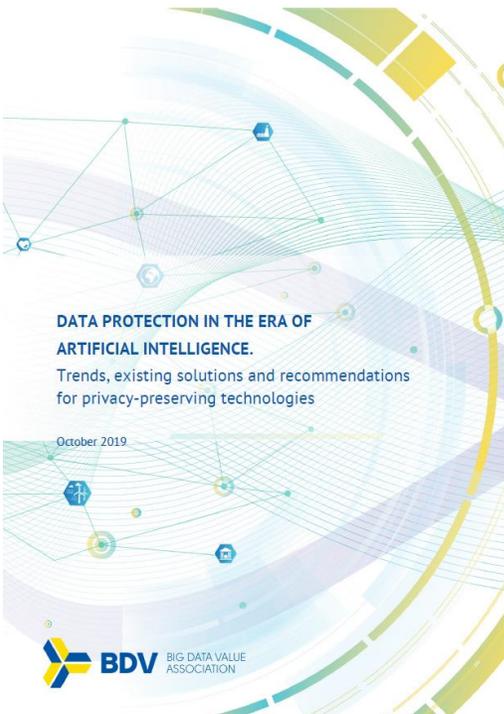
Cross-sector Task Forces

Data Spaces	Generative AI / Foundation models	Emerging topics- Metaverse	
Skills	Business	Policy, Societal, Regulation	
Standards and Benchmarking	Data and AI Technologies	Data Protection	HPC-BigData-AI
etami (Ethical AI)		i-Spaces	

Foundational Task Forces

Community / Ecosystem (incl. engagement of SMEs/startups)
Technical Board (TB)
Roadmap, Strategic Agenda and Programme

Latest publications linked to Data/AI and compliance



DATA PROTECTION IN THE ERA OF ARTIFICIAL INTELLIGENCE.
Trends, existing solutions and recommendations for privacy-preserving technologies

October 2019




CURRENT HOT TOPICS IN DATA PROTECTION

BDVA Position Paper
November 2022




LEVERAGING THE BENEFITS OF COMBINING DATA SPACES AND PRIVACY ENHANCING TECHNOLOGIES

Joint BDVA and CoE DSC White Paper





etami

fit for the AI Act

On Friday, Feb. 2, the EU member states unanimously voted to accept the AI Act. The final text will be available in the second quarter of 2024, and this means that, by mid 2026, everyone operating within the EU will have to comply with all the parts of this regulation.

A great success for Europe! Or is it?

Maybe that answer depends on who you are; what your role is in the research, development, use of "AI" systems. But maybe not – it may affect us all. Let us remember two facts.

- First, AI systems have a very short time to market. Since they scale so well, it is often possible that systems that are developed in research environment – not intended for market use – can be immediately deployed in real applications, sometimes with some retraining involved.
- Second, research labs are not intended to nor good at delivering certifiable, high-quality end products. Instead they aim at proof of concepts, to be then taken into the value chain by other departments. So, the wild-west approach to putting AI systems on the market that has been common in recent years leads to problems. Search for "AI scandal" or some such in your browser, and you'll get an idea. (But beware: some of those scandals may be fake!)

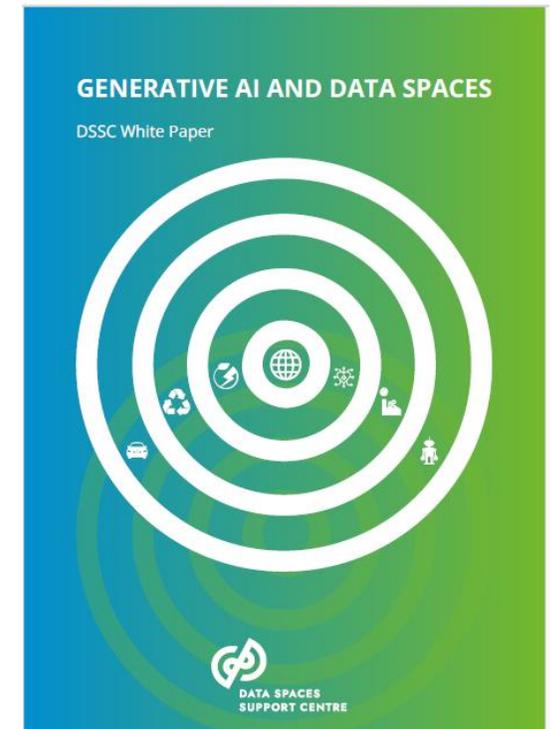
Instead we need to strive towards "quality" AI systems. And put safeguards in place, just as they exist for other software and hardware. No electric appliances can be sold in Europe without a CE mark – it prevents you from being electrocuted when plugging it in. That's a good thing, isn't it? Even for the producers and importers, as it saves them from costly litigation, and increases trust. And since all companies are subject to the regulation, the cost is comparable for everyone.

Back to AI. The AI Act gives us a set of rules on how AI systems, in certain applications, need a level of transparency to ensure that (a) we end up with a certain level of quality, and (b) if it still goes wrong, it's easier to repair, and it's easier to determine who needs to repair it.

This law, which will be in force from the second quarter of 2024, requires everyone who is involved in developing AI, deploying AI, providing AI etc. to become active.

Parts of its regulation already act from 6 months after it becoming in force. Meaning, last quarter of 2024.

BDVA x etami | etami.org | May 2024



GENERATIVE AI AND DATA SPACES

DSSC White Paper



Recent sessions covering this topic



data-week.eu #DataWeek24

ORGANISED BY BDV BIG DATA VALUE ASSOCIATION

Data-driven and Automated Compliance

5 June / 14:00-15:30 CET / Room ERASMUS 3

DATAWEEK²⁴

JOIN. LEARN. SHARE. GET VALUE

Data Value UNLOCKED!

5 June / Leuven, Belgium

IN COLLABORATION WITH KU LEUVEN CITIP CENTRE FOR IT & IP LAW

Ana GARCÍA ROBLES
BDVA

Dumitru ROMAN
SINTEF

Rajiv RAJANI
ISHARE Foundation

Peter BROSTEN
Eurecat, PISTIS project

Dániel ANTAL
Reprex

Pierre GRONLIER
GAIA-X

Laurens SION
KU Leuven

2024 PART 3 EDITION

Automated and data-driven approaches to address compliance challenges

🕒 December 10, 2024 - 11:30 - 13:00



KIMMO ROSSI

Head of Sector at European Commission – DG CONNECT



RIGO WENNING

Legal Counsel specialised in Knowledge representation, Data Protection & AI at ERCIM and TIB – Leibniz-Informationszentrum Technik und Naturwissenschaften



MICHELE SESANA

Innovation Manager at TXT Group



TILL CHRISTOPHER LECH

Research Manager Smart Data at SINTEF



ANDRÉ CARREIRO

Senior Scientist at Fraunhofer Portugal AICOS



NATALIE BERTELS

Research and valorisation manager at imec-KULeuven Centre for IT and IP Law (CITIP) at KU Leuven



DUMITRU ROMAN

Senior Research Scientist at SINTEF

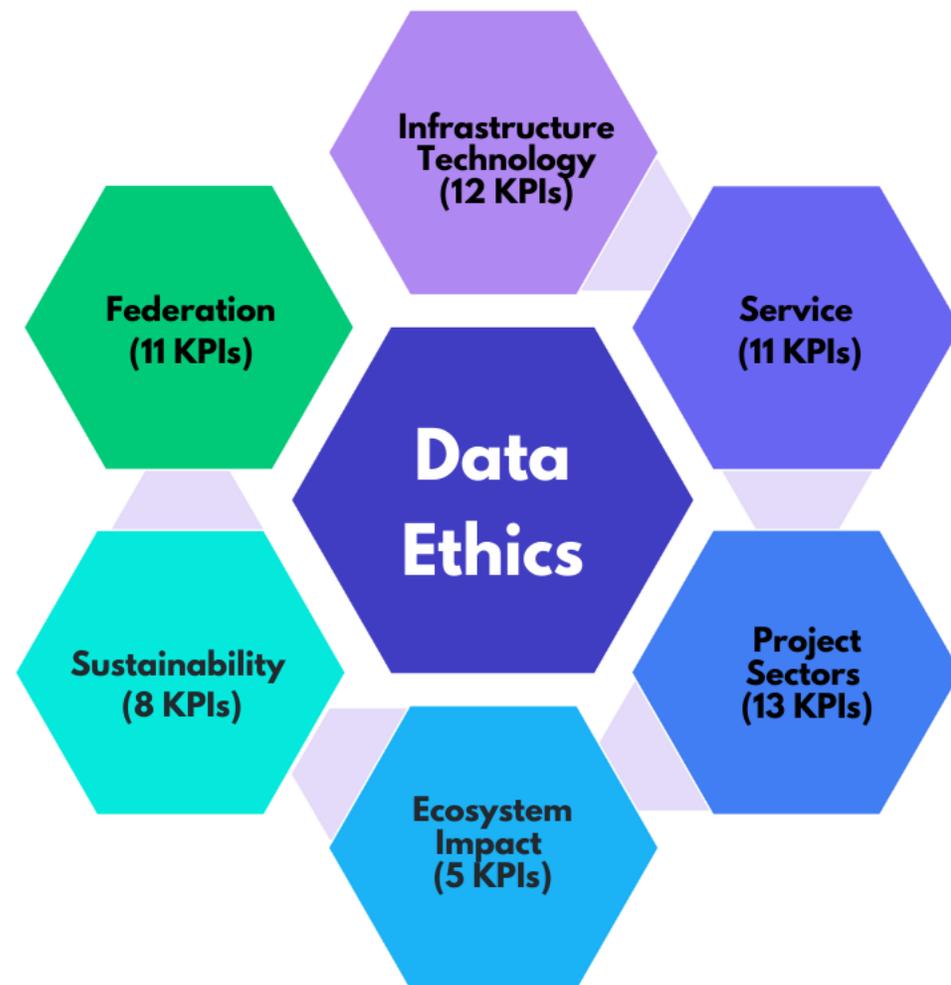
Leading the way to: AI experimentation Data Innovation Federation





i-SPACES LABEL 2024

Quality labels for Data & AI experimentation & innovation centers, that benchmark, promote and evolve the ambitions and the community.





Empowering European industries and societies for a human-centric digital future



Expanding data-driven ecosystems across sectors and (global) value chains



Making data and AI innovations fit for emerging infrastructures and platforms



Sustainable data and AI: enhancing efficiency and resilience while reducing resource demands



Integrating innovation, ethics and compliance



BDVA Strategic Agenda to guide industrial sectors

<https://bdva.eu/docs/bdva-strategic-agenda-2024/>



DATA SPACES
SUPPORT CENTRE

DATA SPACES SUPPORT CENTRE



Business and organisational building blocks



Business

Business model development

Use case development

Data product development

Data space intermediary



Governance

Organisational form and governance authority

Participation management



Legal

Regulatory compliance

Contractual framework



**DATA SPACES
SUPPORT CENTRE**



Technical building blocks



Data interoperability

Data models

Data exchange

Provenance and traceability



Data sovereignty and trust

Identity and attestation management

Trust framework

Access and usage policies enforcement



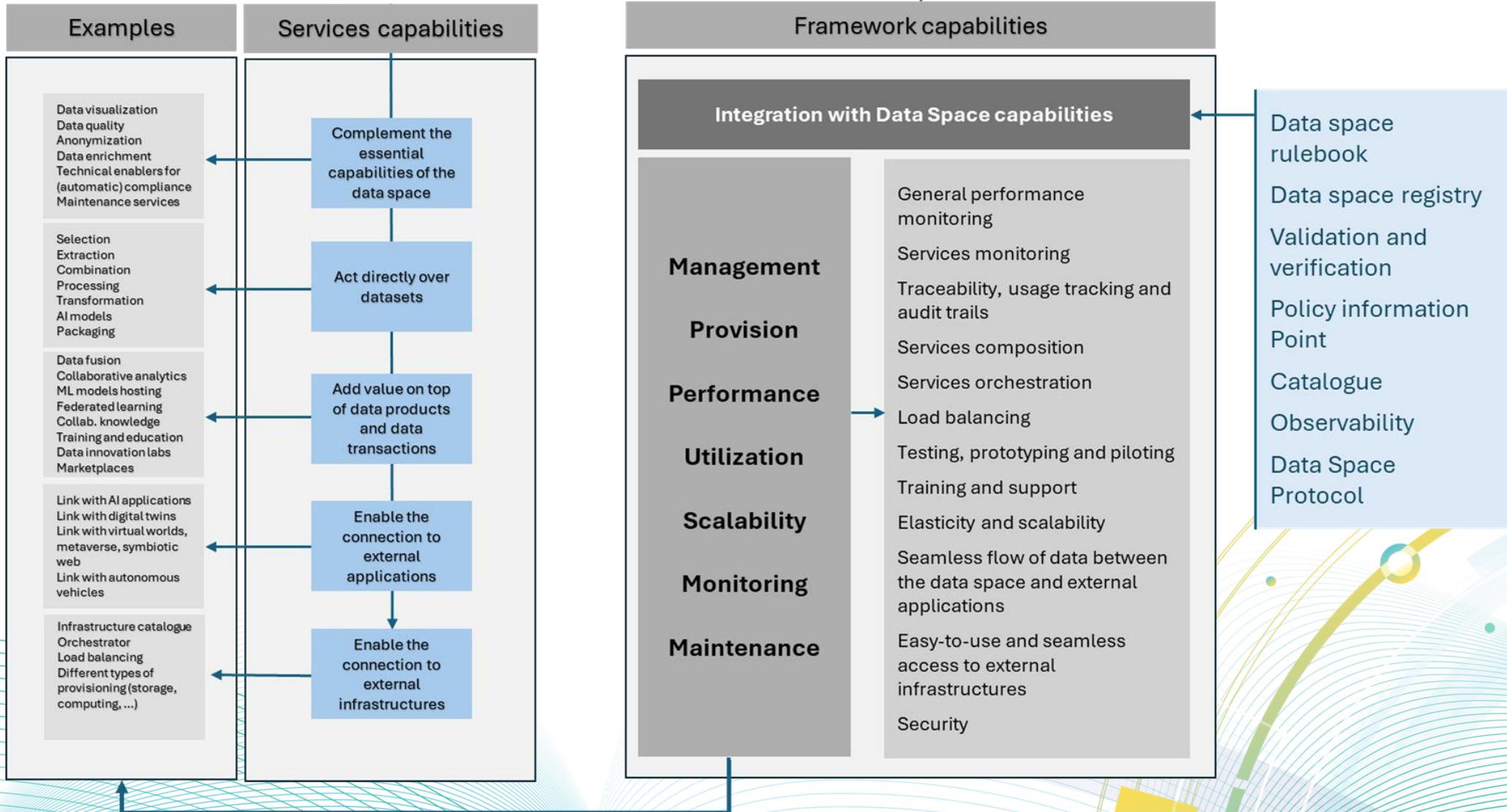
Data value creation enablers

Data services and offerings descriptions

Publication and discovery

Value added services

Value creation services



Diving into the NoS Liaisons & Collaborations Group

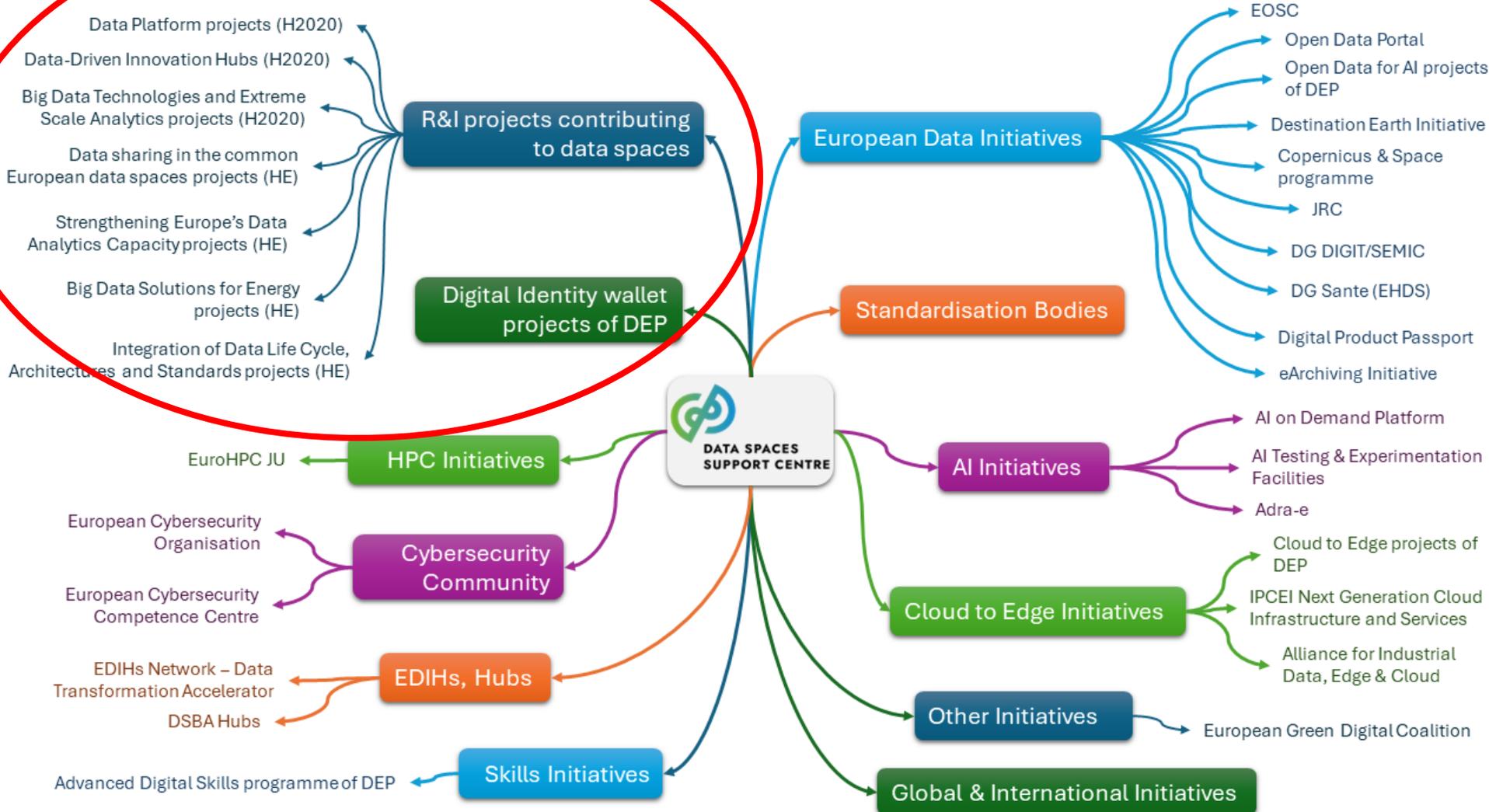


**DATA SPACES
SUPPORT CENTRE**

**+ European Data
Innovation Board
(EDIB)**

+ Policy makers

95+ initiatives engaged for alignment, influencing, knowledge sharing and bringing requirements





Empowering European industries and societies for a human-centric digital future



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Sustainable data and AI: enhancing efficiency and resilience while reducing resource demands



Integrating innovation, ethics and compliance



A call for action in 2025 for Data/AI (for) compliance

<https://bdva.eu/docs/bdva-strategic-agenda-2024/>

Data/AI (for) compliance is part of the objectives of BDVA for 2025



◆ Mapping exercise

- Different dimensions / framework
- Projects, solutions/tools
- Understanding the market

◆ Clustering of projects

◆ Glossary / ontology

◆ Visibility of relevant use cases

◆ Other outcomes:

- Supporting the creation of regulations that can be easily automated
- Standards
- Understanding the sustainability options

Scoping is work in progress....

Thank you!

Call for action to collaborate with BDVA !!

**Become a member
ana.garcia@bdva.eu**



www.bdva.eu