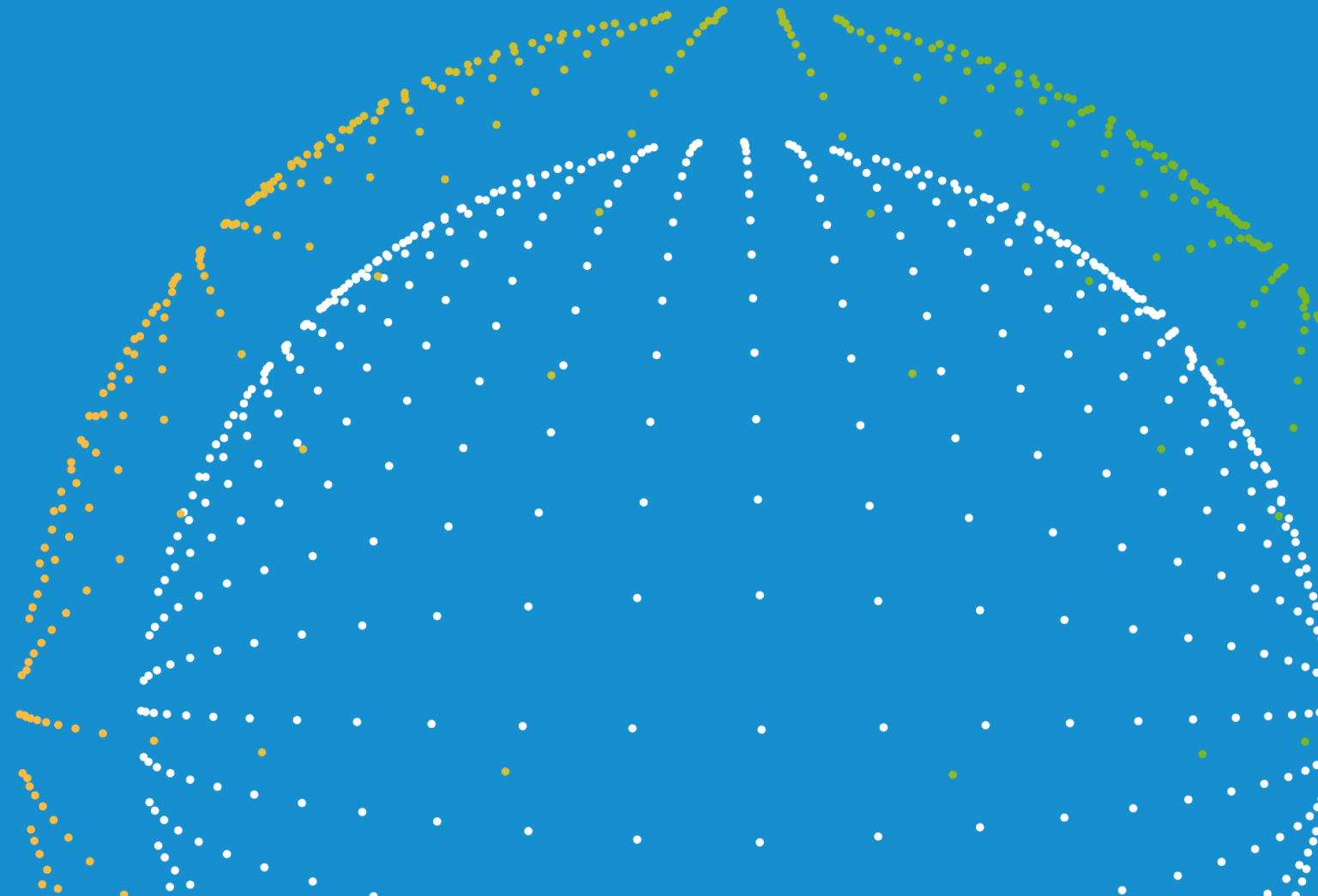


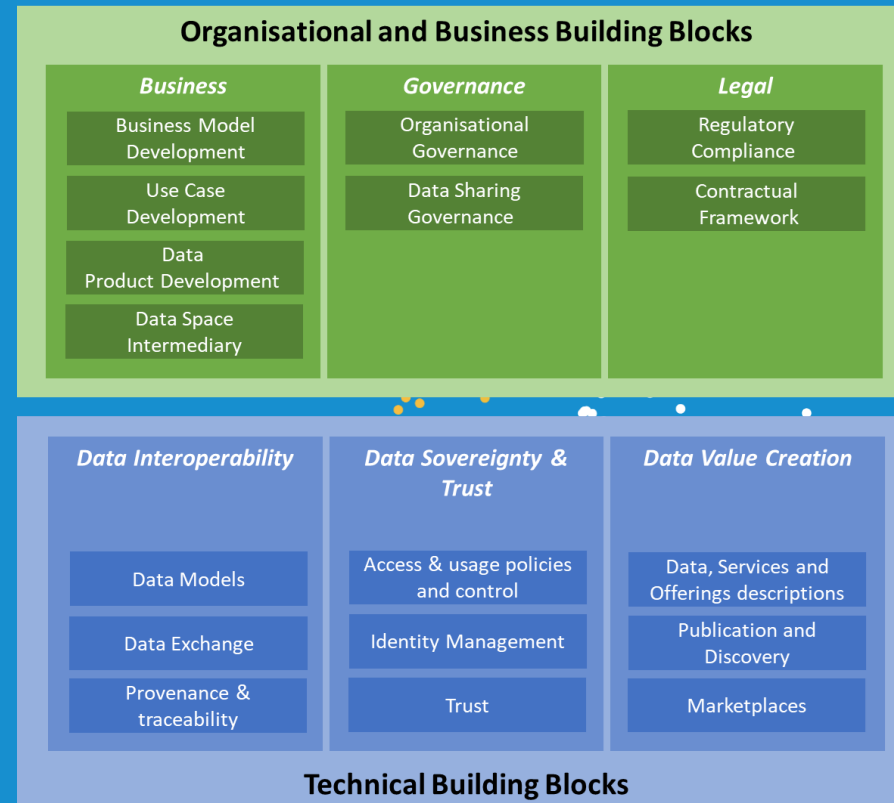
# Data Spaces Business Alliance

Achieving data space tech  
convergence

Matthijs Punter  
Klaus Ottradovetz



# DSSC Building Blocks...



# ...need to be viewed in different dimensions

## Governance Plane

- Regulatory, Domain, Ecosystem

## Technology Specification Plane

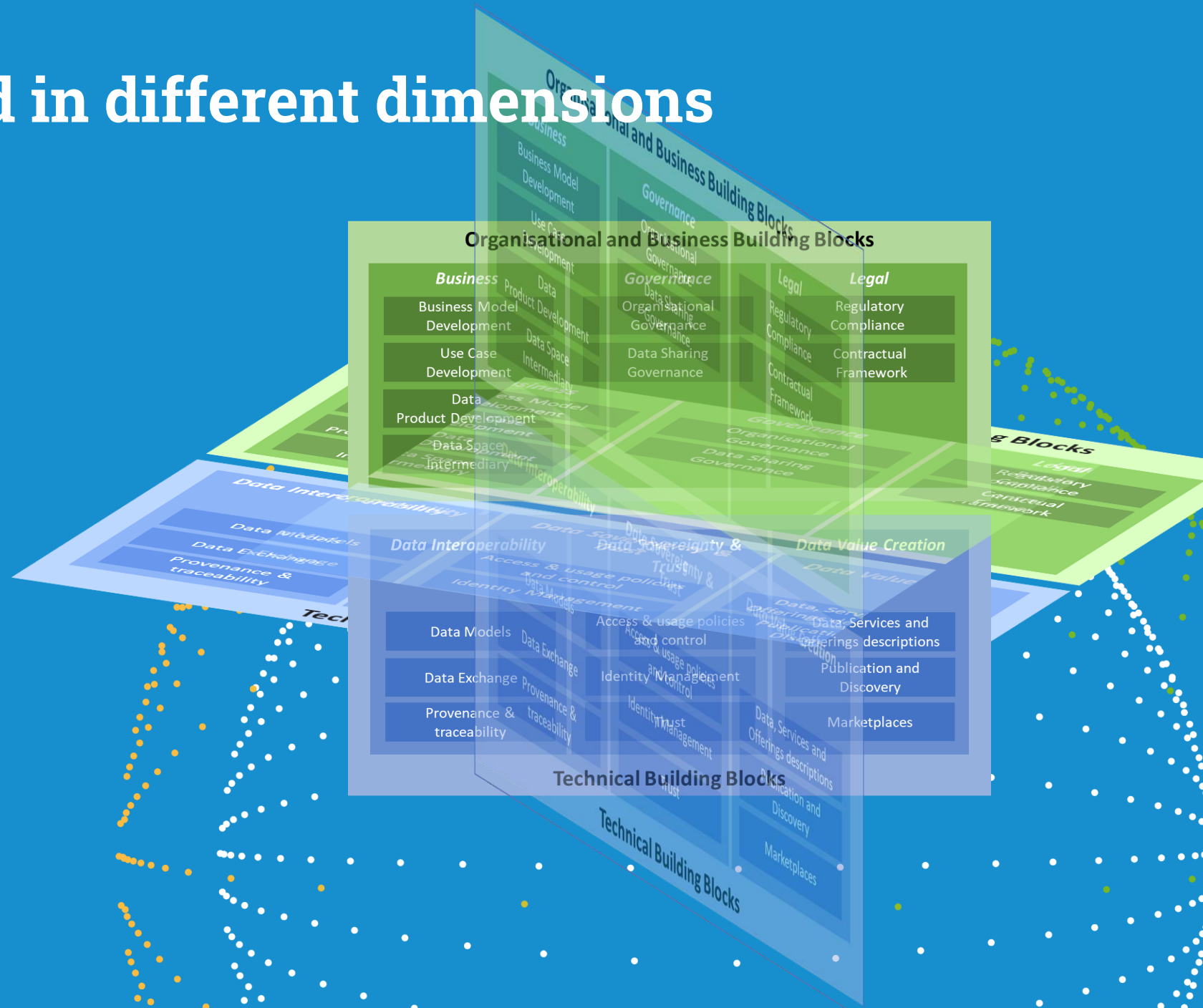
- Distributed Model
- Data Exchange
- Trust and Sovereignty
- Data Value Creation

## Software & Services Plane

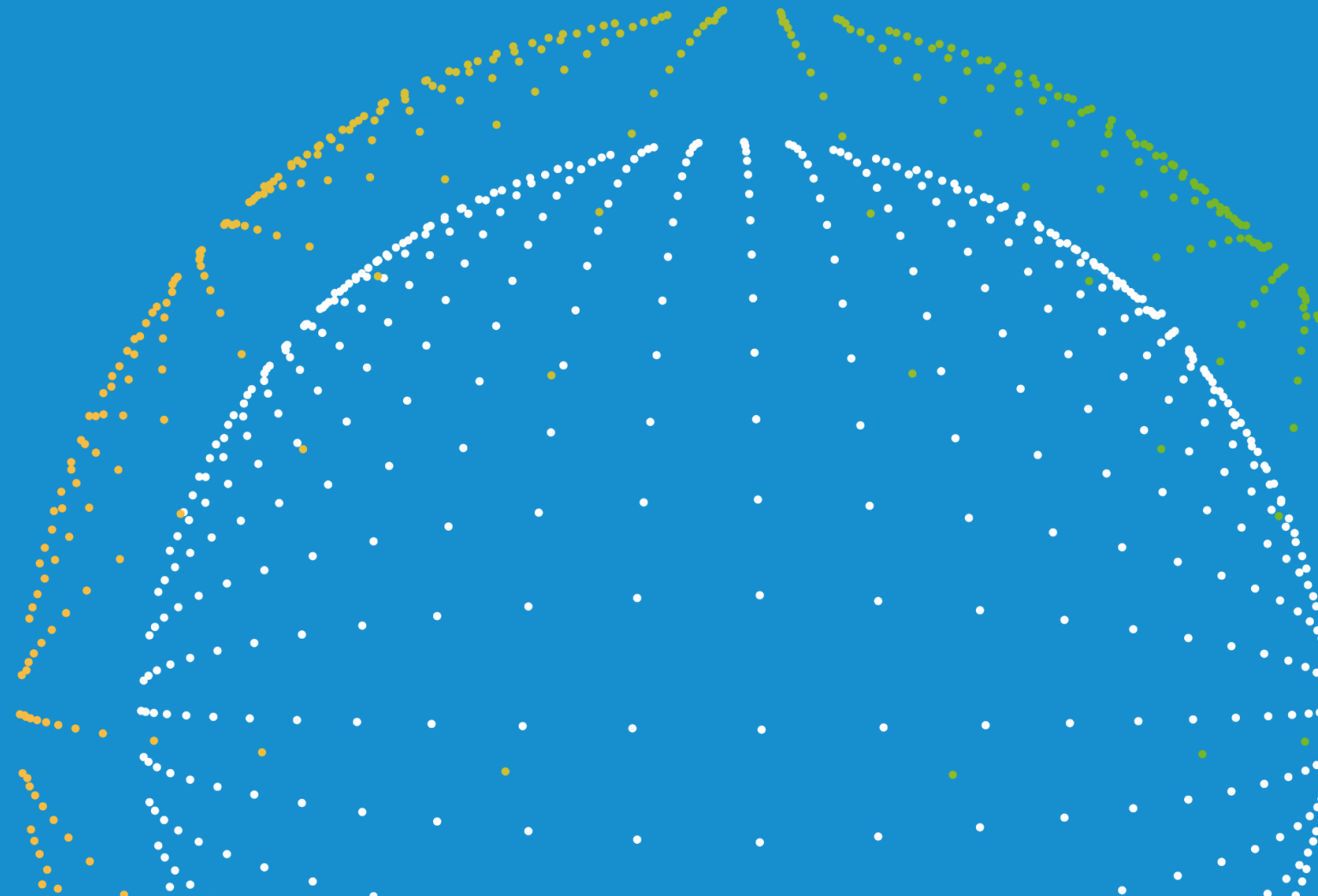
- OSS Community projects
- Commercial software
- Software Services
- Platforms

## Commercialization Plane

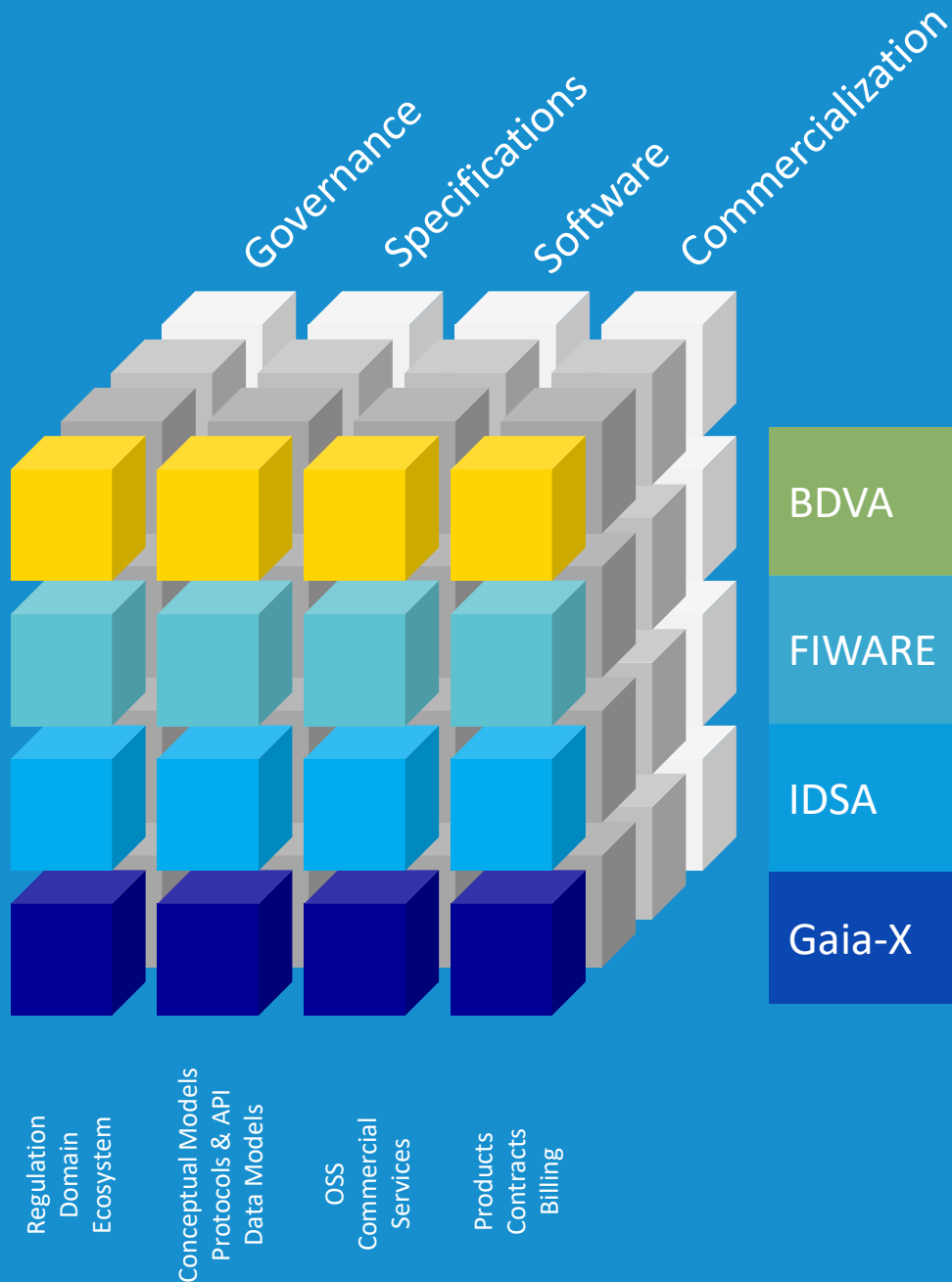
- Operationalization
- Data & Service Platforms
- Marketplaces
- Billing



...there are many solutions to address all requirements...

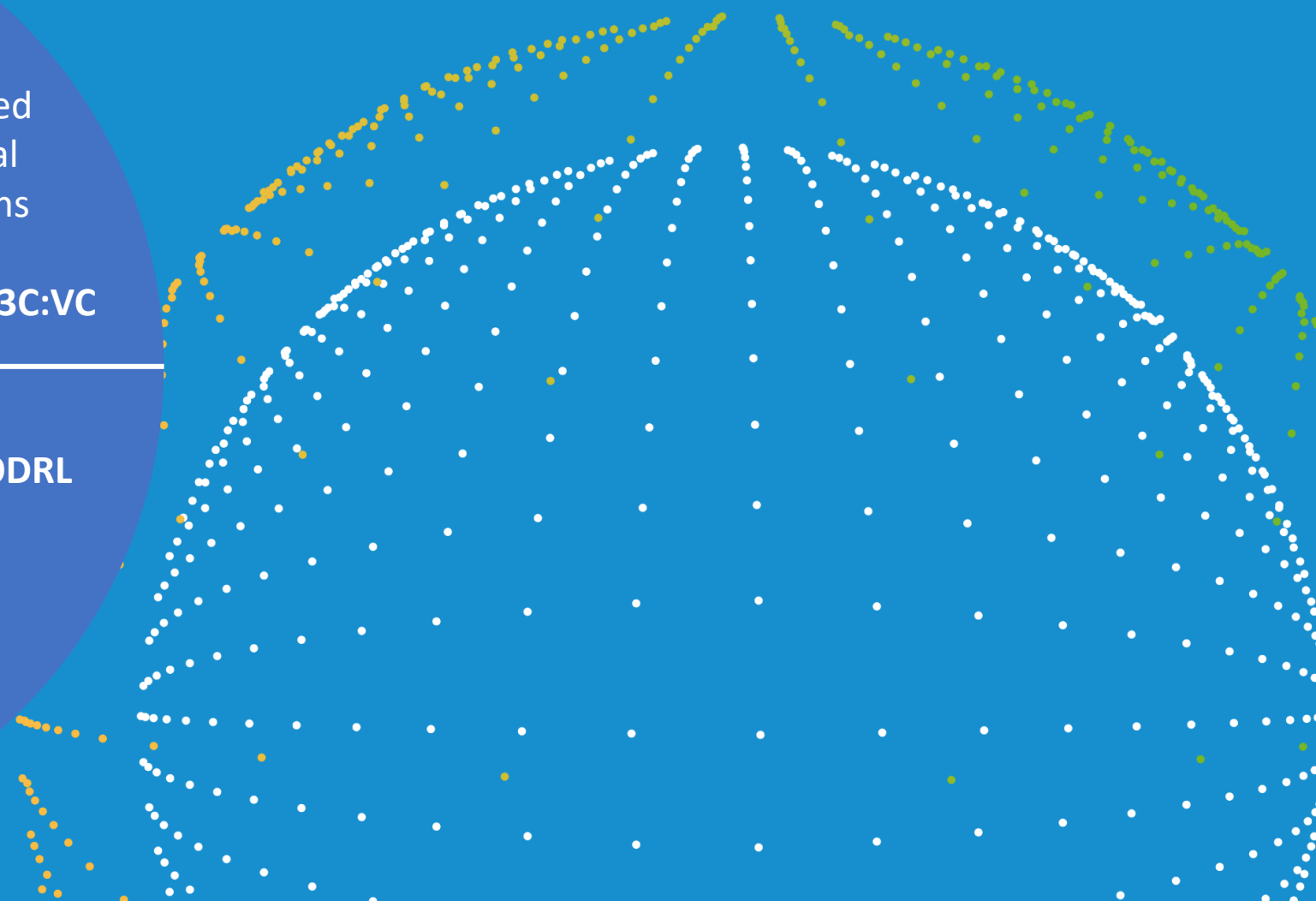
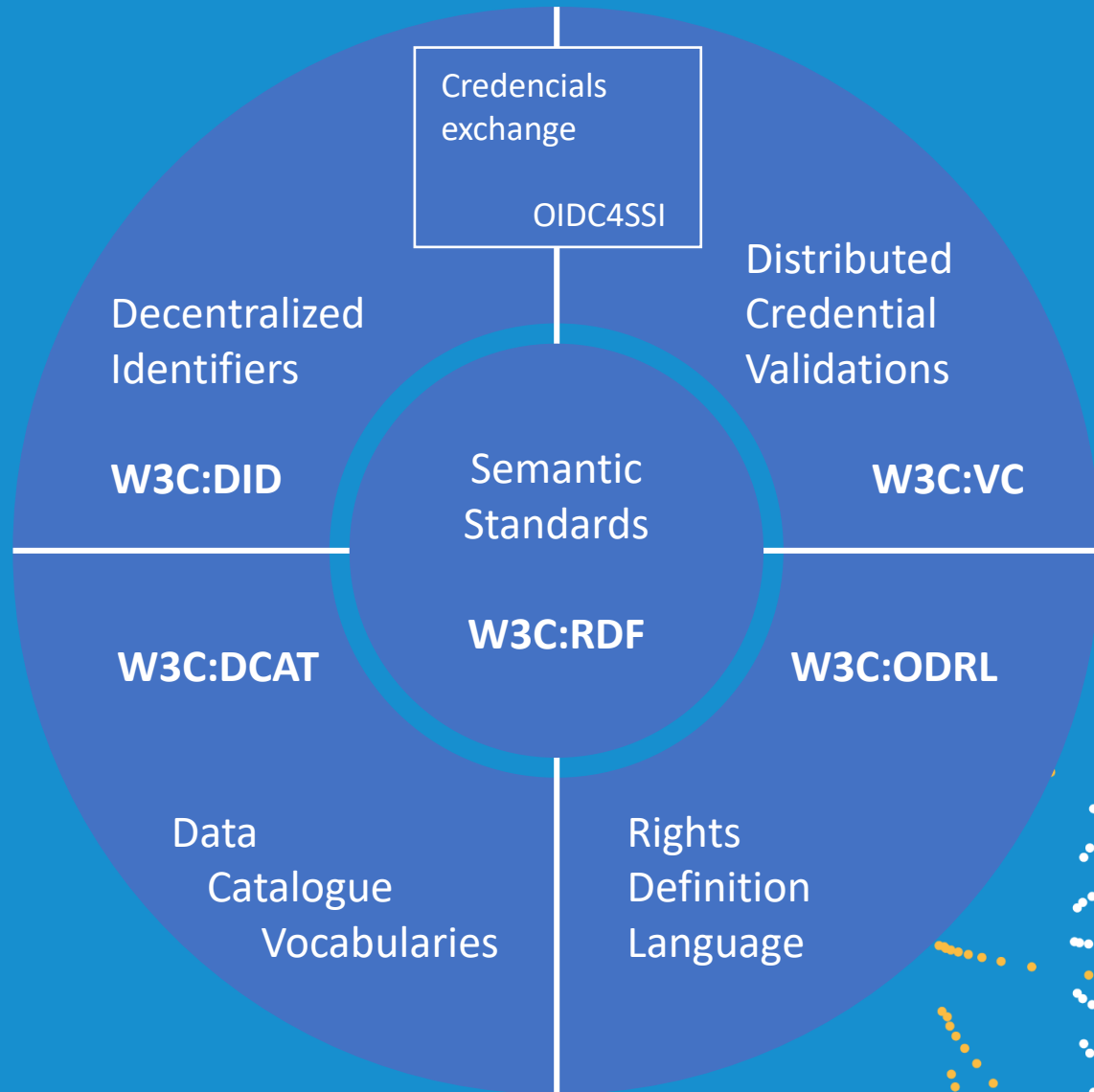


# DSBA Convergence...

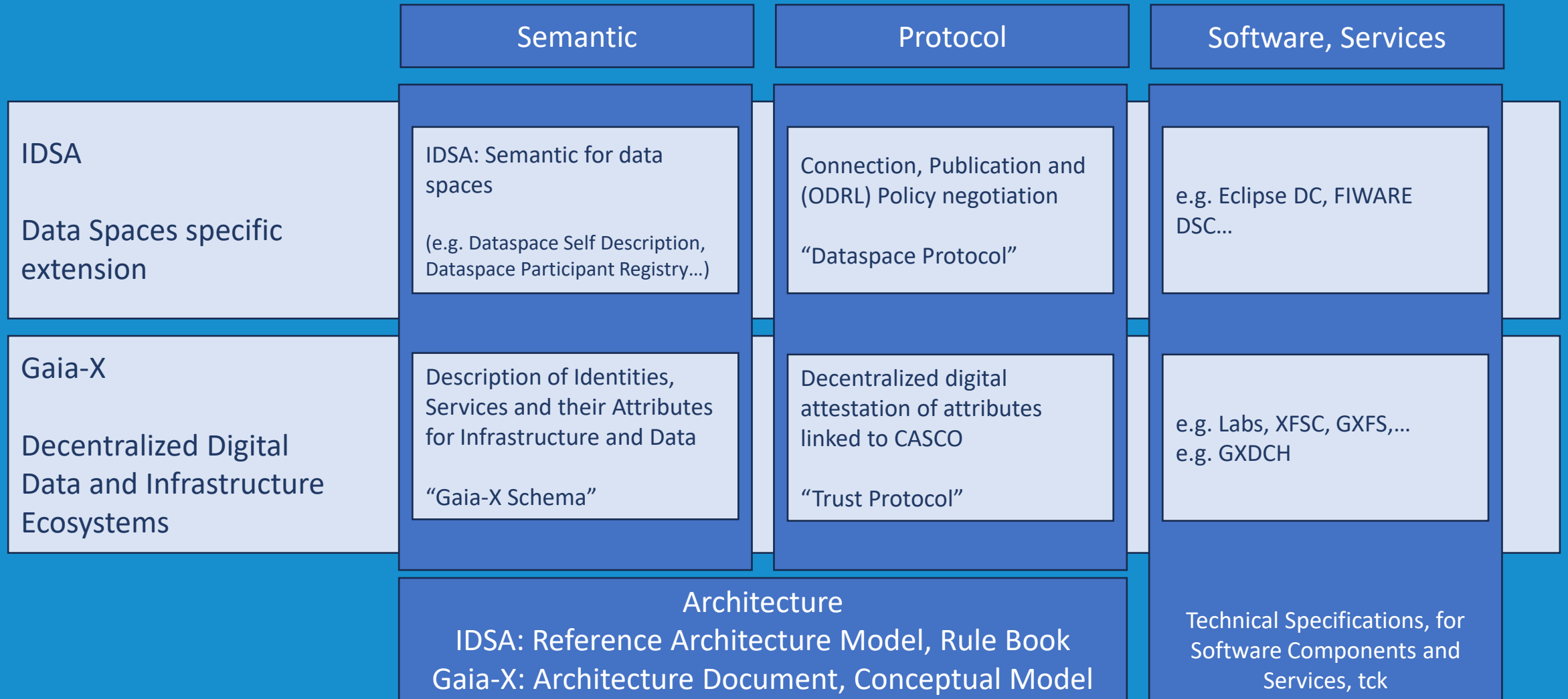


	Contributing Specifications	Contributing OSS & Services
BDVA	Data Value	<Methodologies, Models>
FIWARE	Linked Data Exchange (NGSI-LD) Marketplace (TM Forum Open APIs)	Generic Enablers, Marketplace, FIWARE Data Space Connector
IDSA	Data Space Protocol	<Communities>
Gaia-X	Trust Framework	Gaia-X Compliance, GXDCH <Communities>

# Convergence: Common Basis

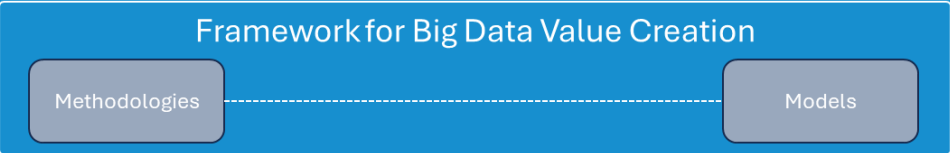


# Basic Enablers for Trust and Data Sovereignty

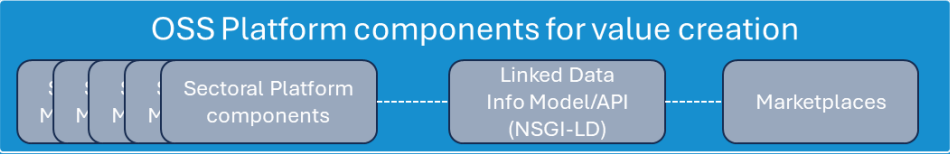


# Complementary, integrated specifications

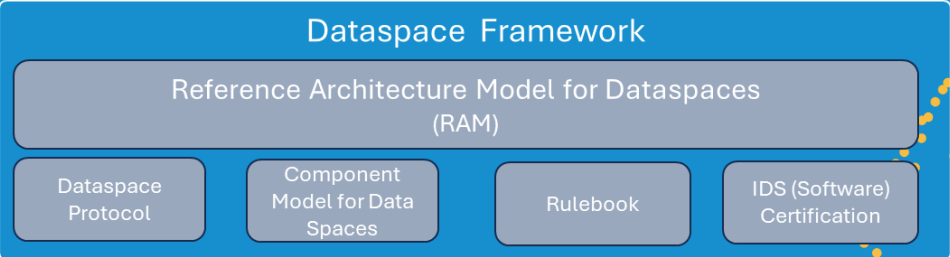
BDVA



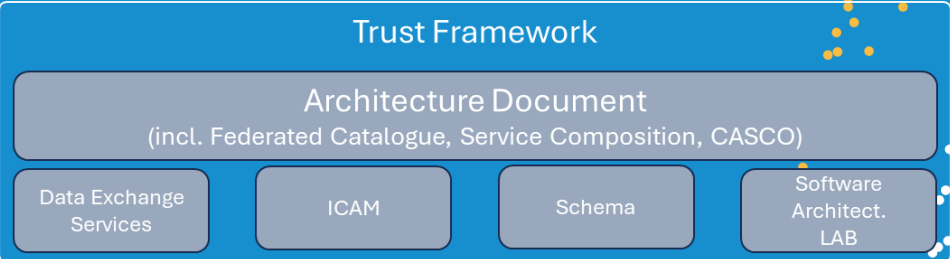
FIWARE



IDSA



Gaia-X



W3C: RDF, DID, VC, DCAT, ODRL

Specification of components and protocols to allow trusted data exchange

Conceptual model (attributes and rules) for consent management in data exchange



# DSBA

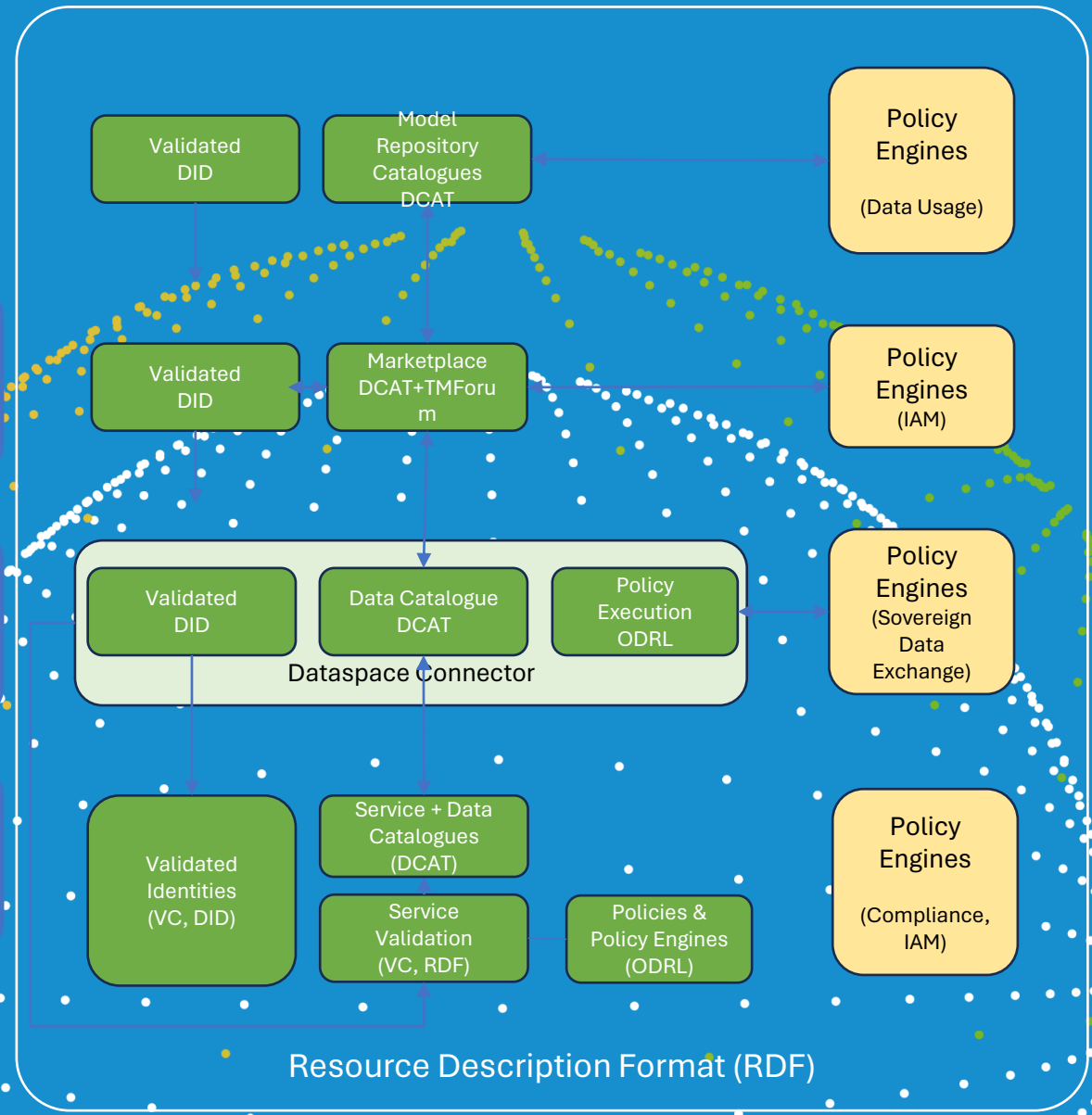
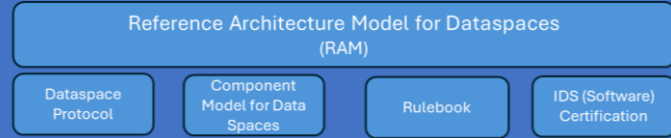
# Specifications & simplified top level component view

**BDVA**  
Framework for big data value creation

**FIWARE**  
OSS Platform components for value creation

**IDSA**  
Dataspace components and protocols

**Gaia-X**  
Trust Framework distributed digital ecosystems (infra & data)

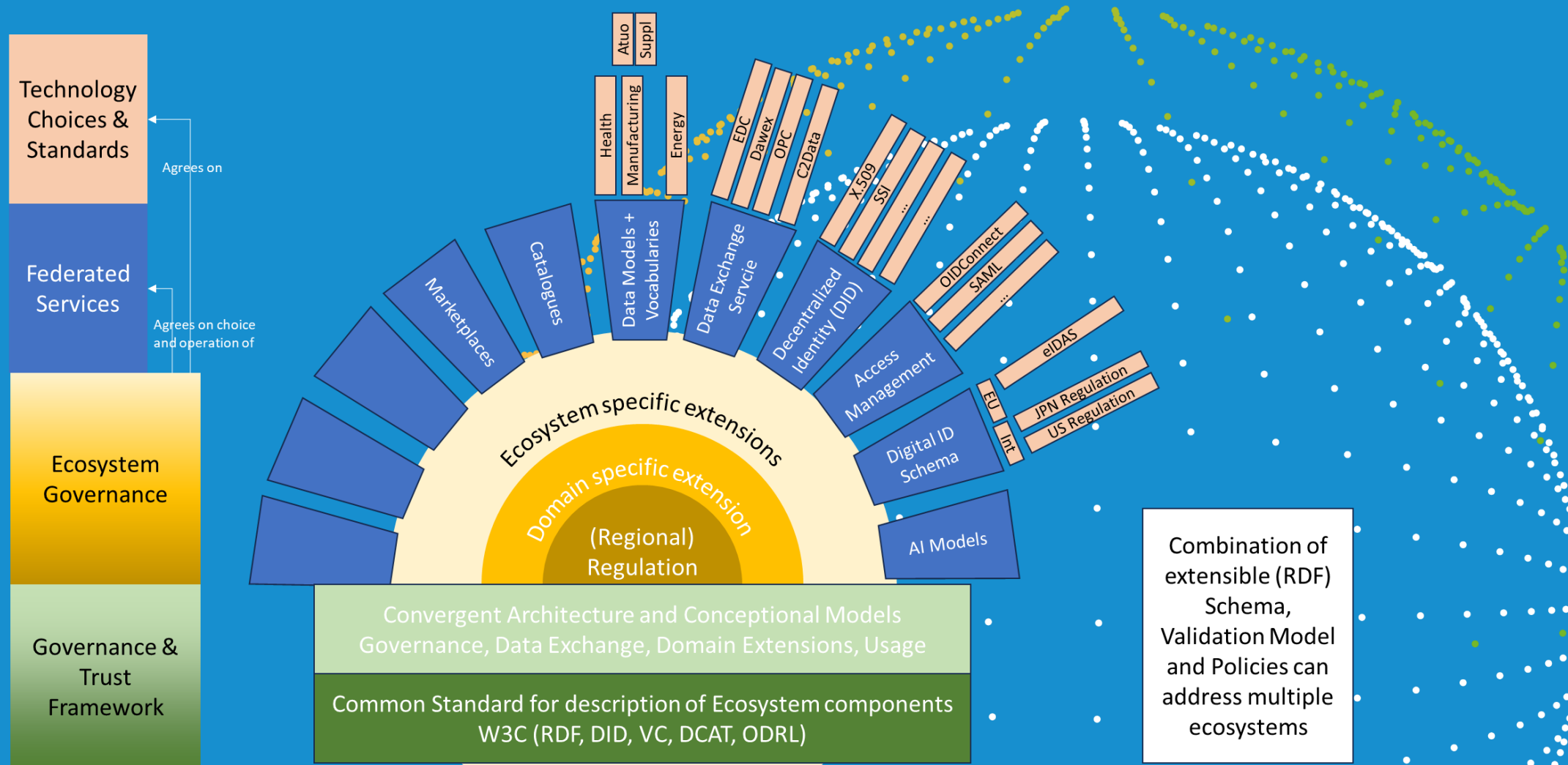


Resource Description Format (RDF)

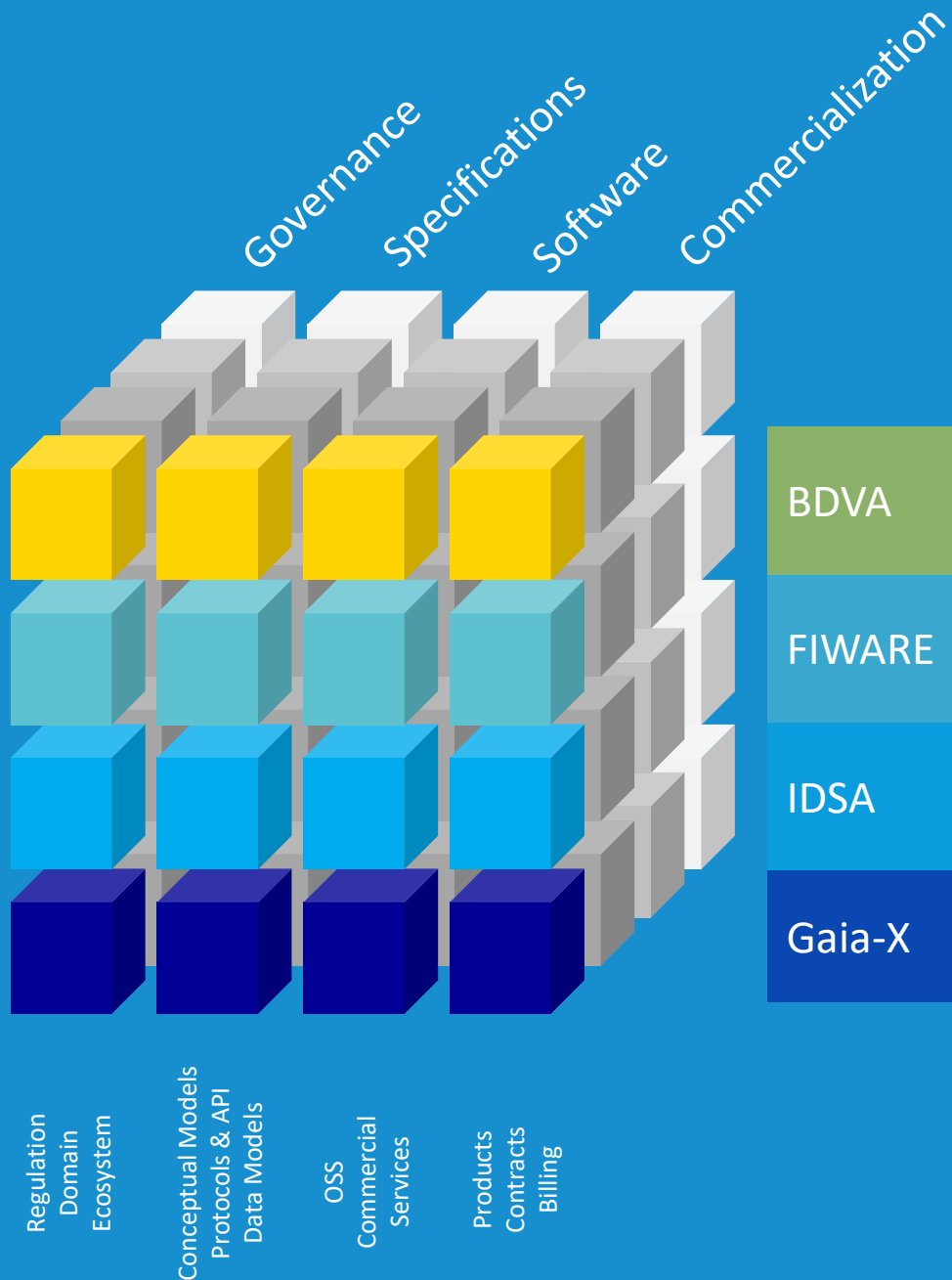
Common Standards



# Basis for interoperable extensions



# DSBA Convergence...



	Contributing Specifications	Contributing OSS & Services
BDVA	Data Value	<Methodologies, Models>
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