



Bitkom Data Economy Landscape

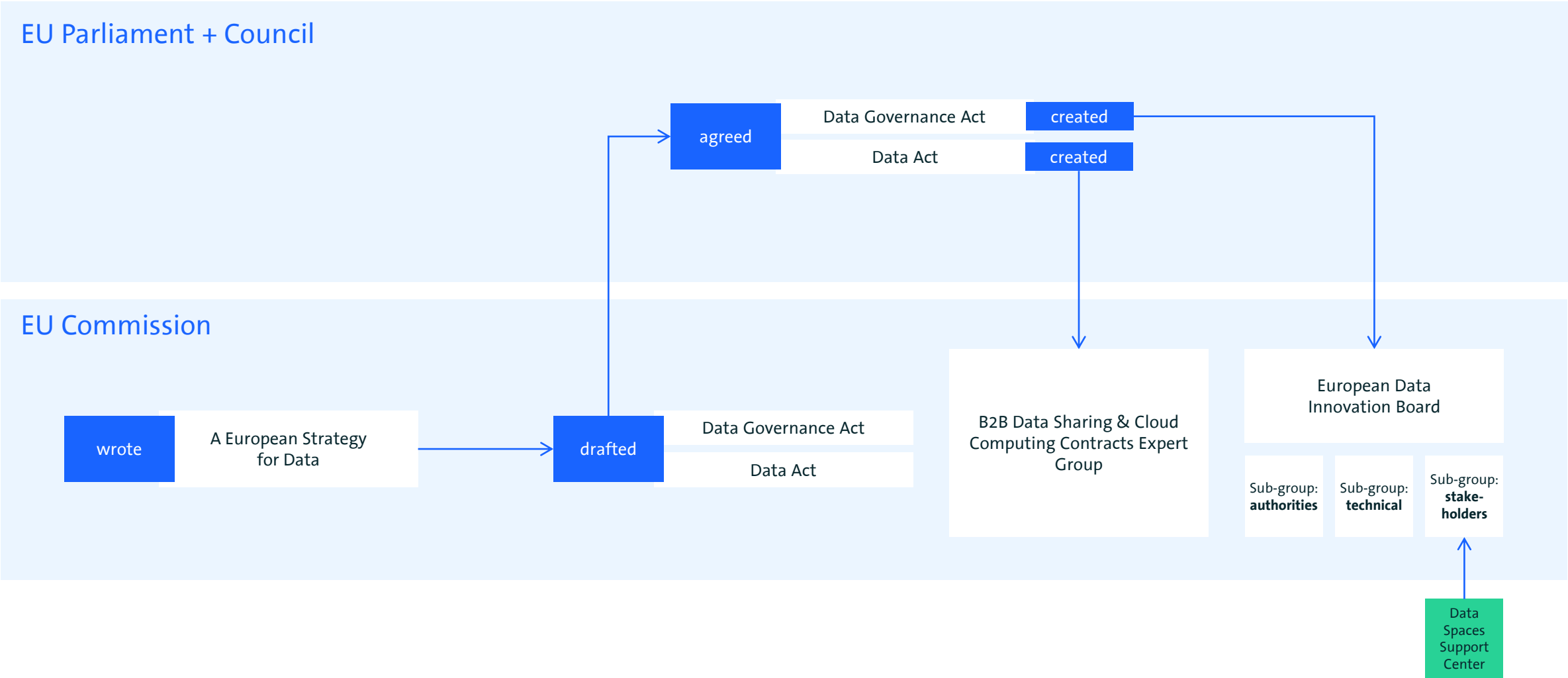
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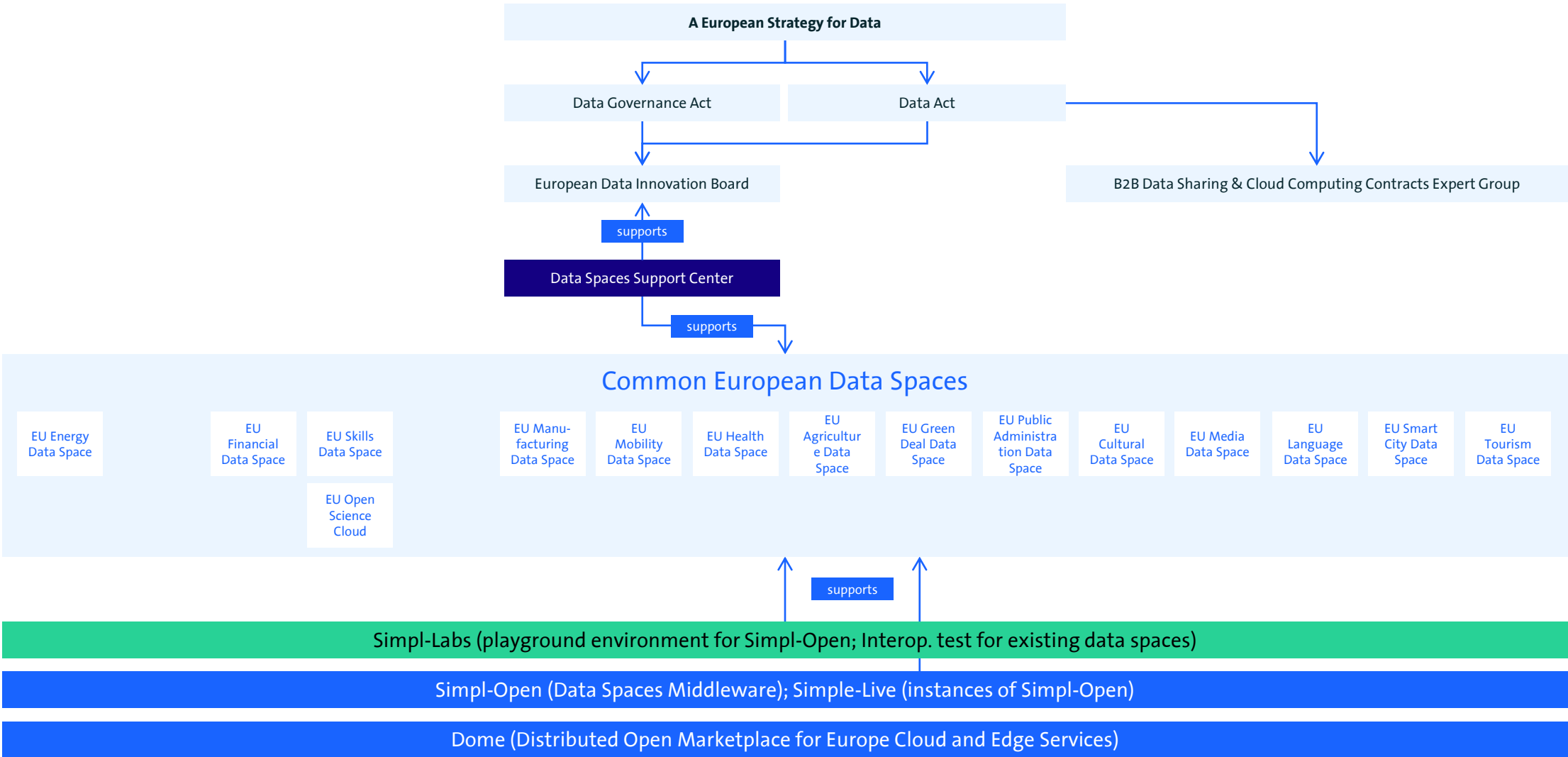
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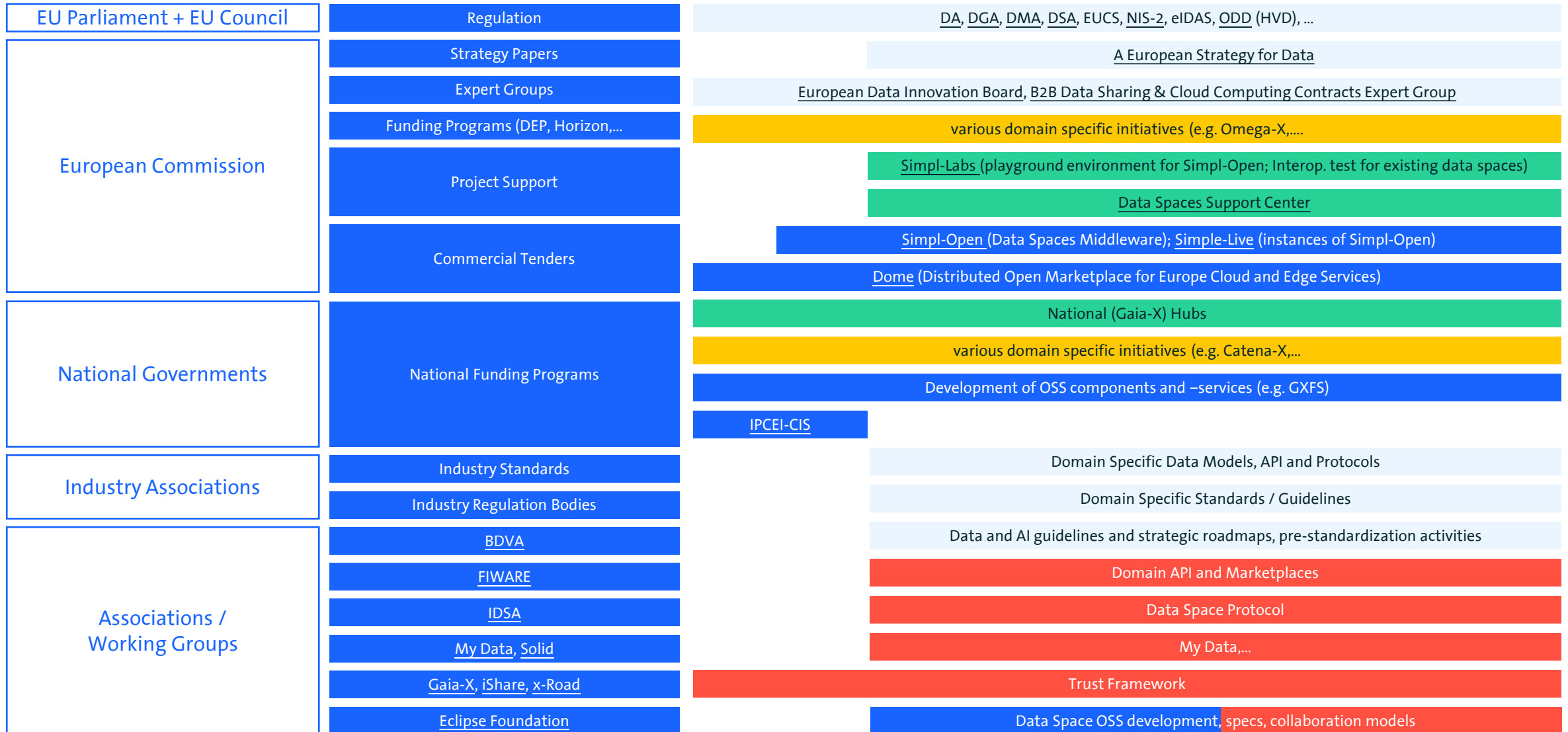
EU Data Strategy – Main relationships



EU Data Strategy – Groups & Projects



Activity overview



Data initiatives – EU-level

Geo-information	Construction	Energy	Space	Public Administration	Research/Education	Automotive	Manufacturing	Mobility	Health	Agriculture	Climate	Finance	Culture	Media	Language	Smart cities & communities	Tourism
		EU Energy Data Space		EU Public Administration Data Space	EU Skills Data Space		EU Manufacturing Data Space	EU Mobility Data Space	EU Health Data Space	EU Agriculture Data Space	EU Green Deal Data Space	EU Financial Data Space	EU Cultural Data Space	EU Media Data Space	EU Language Data Space	EU Smart City Data Space	EU Tourism Data Space
		intNET		Legal: Digital Europe	DS4Skills		Data Space 4.0	PrepDSpace 4Mobility	MyHealth@EU	AgriData Space	GREAT	Digital Europe	Deployment	TEMS	Digital Europe	DS4SSCC	DATES
		OMEGA-X		Public procurement: Digital Europe	EDGE-Skills		SMARTENA NCE	Deploy EMDS*	Support for HDABs	Divine	AD4GD		Eureka3D			DS4SSCC-DEP*	DFST
		EDDIE		OOTS: Digital Europe	EU Open Science Cloud		UNDERPIN*		Healthdata @EU pilot	Crack Sense	B-Cubed		5DCulture			Digital Europe	
		Enershare			Skills4EOSC				Central Services for Health Data@EU	ScaleAg Data	FAIRICUBE		DE-BIAS				
		Synergies			EOSC Focus				PaTHED	AgData Value	USAGE		Al4Europeana				
		Data cellar			FAIR-IMPACT				Supprt for SNOMED CT	4Growth*							
					RDA TIGER				Capacity building for prim+sec. Use cases	Dig4Live*							
					FAIRCORE 4EOSC				Joint Action for primary uses								
					AI4EOSC				Joint action for secondary uses								
					EuroScience Gateway				Data Quality & Utility Label Dev.								
					FAIR-EASE				EUCAIM								
					RAISE				GDI								
					SciLake												
					EOSC4 Cancer												
					GraspOS												
					CRAFT-OA												
					AqualNFRA												
					Blue-Cloud 2026												
					OSCARS												
					EVERSE												
					OSTrails*												
					EOSC Beyond												
					EOSC-ENTRUST												
					SIESTA*												
					TITAN*												

Common European Data Space

Project in the context of Common European Data Space

Source: p.56 ff. in [EU COM SWD\(2024\) 21 final](#). For timeline (2022-24) see p.56 ff. in [EU COM SWD\(2024\) 21 final](#).

* Projects recently started or to start shortly (as of 24/01/24).

Data initiatives – German- and EU-level

Geo-information	Construction	Energy	Space	Public Administration	Research/Education	Automotive	Manufacturing	Mobility	Health	Agriculture	Climate	Finance	Culture	Media	Language	Smart cities & communities	Tourism
		EU Energy Data Space	Copernicus	EU Public Administration Data Space	EU Skills Data Space EU Open Science Cloud		EU Manufacturing Data Space	EU Mobility Data Space	EU Health Data Space	EU Agriculture Data Space	EU Green Deal Data Space	EU Financial Data Space	EU Cultural Data Space	EU Media Data Space	EU Language Data Space	EU Smart City Data Space	EU Tourism Data Space
Manufacturing-X (initiative for digitalisation of industry supply chains)																	
MISSION KI (national initiative für artificial intelligence and data economy)																	
Dateninstitut (initiative to bring forward data availability and establish data trustee models and licenses)																	
Tellus (cross-sector connectivity for critical applications)																	
NFDI (national research data infrastructure)																	
PAIRS (intelligent proactive crisis management) ●																	
openGPT-X (large AI language models for Europe) ●																	
Marispace-X ●	SmartLiving Next ● IECO ● BauPuls 360 ● SECAI	Energy data-x ● Omega-X ● DEER	Cooperants ●	POSSIBLE* (Edu, SMEs, Public Admin) ●	Merlot ● FAIR Data Spaces ●	Catena-X ● Auto Werkstatt 4.0 ●	smartMA-X ● ServiceMeister ● Spaicer ● EuPro-Gigant ● Open-FLaaS ● EDNA ● EASY EDGE CLOUD ● ESCOM ●	Gaia-X 4 Future Mobility ● Mobilithek ● Mobility Data Space ●	BDI Health Data Space initiative ● Gaia-X-MED ● Health-X-Data Loft ● Team-X ● CAREFUL-EDGE-X ●	AgriGaia ● NaLamKI ● FRED ●		CoyPu ● EuroDaT ● Safe FDBC ●	Kulturdatenraum ●			ARIKI ● RIWWER ●	

● Member of or otherwise in touch with German Gaia-X hub

Common European Data Space
(at least primarily/initially) German level initiative

Source: p.56 ff. in EU COM SWD(2024) 21 final. For timeline (2022-24) see p.56 ff. in EU COM SWD(2024) 21 final.
* Projects recently started or to start shortly (as of 24/01/24).

Data initiatives – Funding German-level

BMWK				BMI	BMDV	BMBF	BKM	Sonstige
<u>Dateninstitut</u>					<u>MISSION KI</u>	<u>NFDI</u>	<u>Kulturdatenraum</u>	<u>BDI Health Data Space initiative</u>
<u>openGPT-X</u>	<u>CoyPu</u>	<u>smartMA-X</u>	<u>ARIKI</u>		<u>Mobility Data Space</u>	<u>Mobilithek</u>		<u>GAIA-X-MED</u>
<u>Tellus</u>	<u>iECO</u>	<u>Spaicer</u>	<u>FRED</u>					<u>Omega-X</u>
<u>POSSIBLE</u>	<u>BauPuls 360</u>	<u>PAIRS</u>	<u>DEER</u>					
<u>Catena-X</u>	<u>Energy data-x</u>	<u>Smart-Living-Next</u>	<u>SECAI</u>					
<u>Health-X-Data Loft</u>	<u>Cooperants</u>	<u>AgriGaia</u>	<u>EASY EDGE CLOUD</u>					
<u>Mari-space-X</u>	<u>EuroDaT</u>	<u>Safe-FDBC</u>	<u>RIW-WER</u>					
<u>Team-X</u>	<u>Merlot</u>	<u>NaLam-KI</u>	<u>ESCOM</u>					
<u>Auto Werkstatt 4.0</u>	<u>EuPro-Gigant</u>	<u>Service Meister</u>	<u>EDNA</u>					
<u>Manufacturing-X</u>	<u>Gaia-X 4 Future Mobility</u>	<u>Open-FLaaS</u>	<u>CAREFUL-EDGE-X</u>					



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This publication is work in progress and is not final.

The sole purpose of this publication is to provide an initial overview of precompetitive initiatives with a focus on research, standardization, specifications or other goals of the German and European data economy landscape. Data space initiatives or other initiatives that neither have primarily a German scope nor are related to EU programmes, are outside of the scope of the publication. The selection of initiatives is solely for exemplary purposes. The presence/absence of initiatives or any other information in this publication does not imply any judgement or recommendation by Bitkom in any way whatsoever. This publication can never be comprehensive or fully correct given the complexity and evolving character of the landscape.

Bitkom represents more than 2,200 companies from the digital economy. They generate an annual turnover of 200 billion euros in Germany and employ more than 2 million people. Among the members are 1,000 small and medium-sized businesses, over 500 start-ups and almost all global players.

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