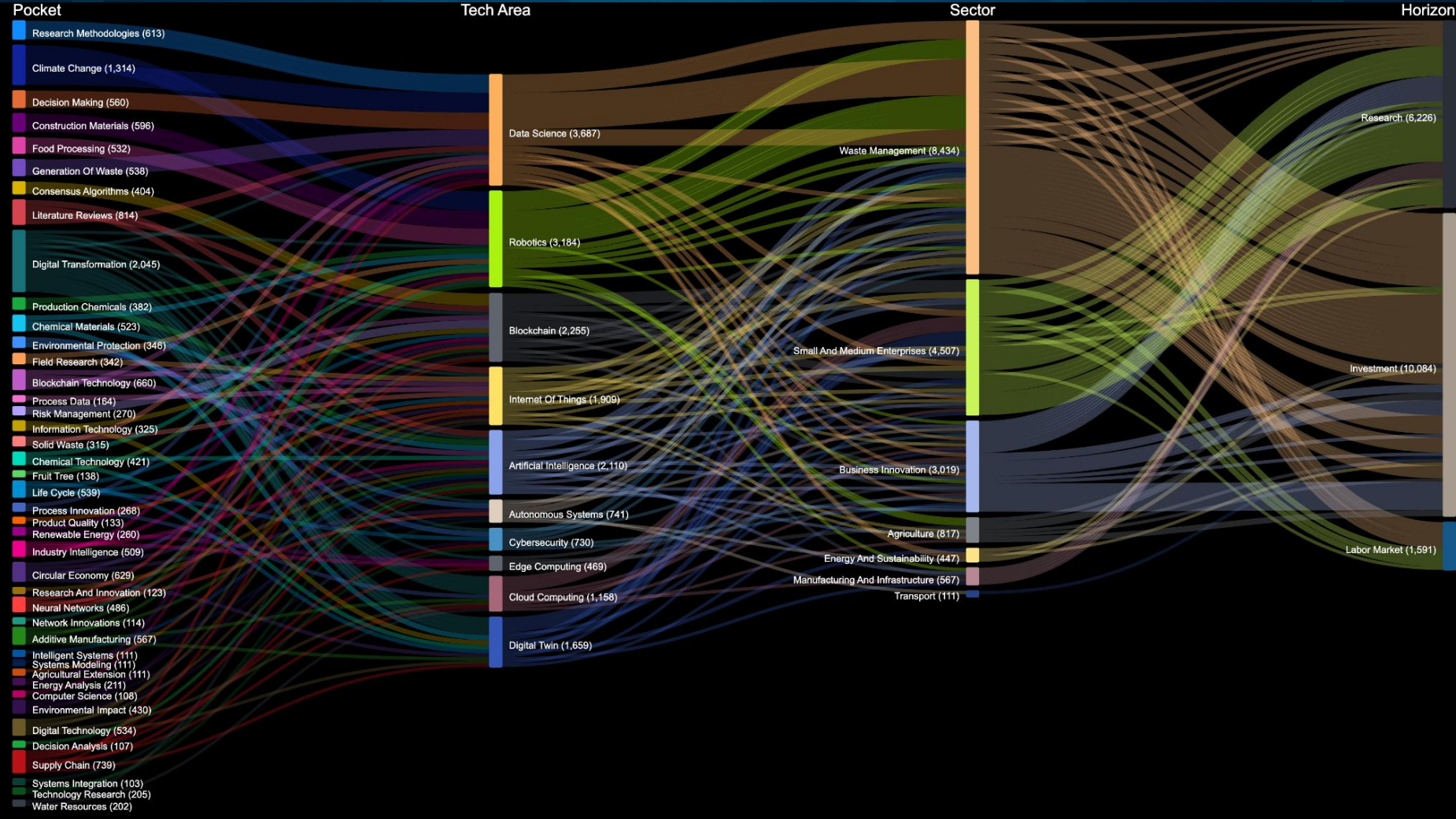


Making unstructured data interoperable
LLMs, knowledge graphs and ontologies



interoperable
europe
innovation ∞ govtech ∞ community

Technologically Independent Europe

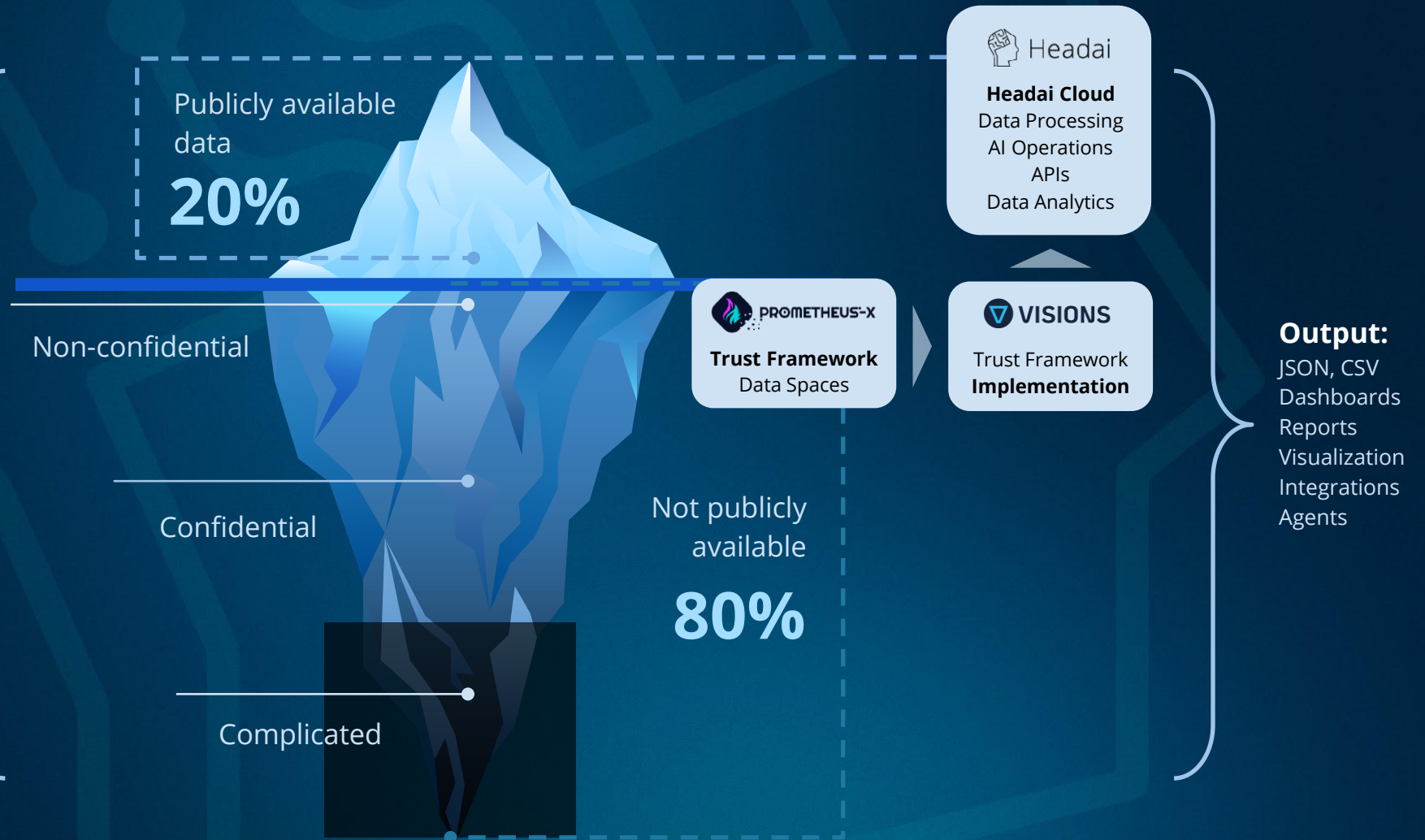


LEADSx2030 DATA HUB

Supply and Demand:

- Job ads
- Research papers
- Investments
- News
- Patents
- Curriculum & courses & training
- Public labor market reports
- Skills taxonomies
- Policy collections (SDG, Green Deal)

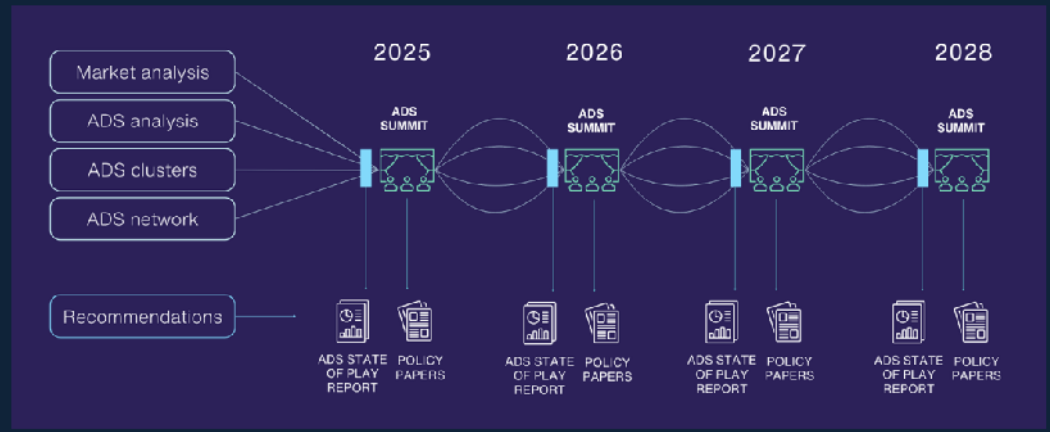
- Internal knowledge
- Corporate workforce analytics
- Digital Europe reports
- Industry skills demand
- Detailed implementation of educational programs
- Organization learning platforms
- Corporate training programs
- Personal skills data



37
Funded initiatives

26
EU Member States

420
Participating organisations




DATA SPACE FOR SMART AND SUSTAINABLE CITIES AND COMMUNITIES

DS4Skills
Data Space for Skills

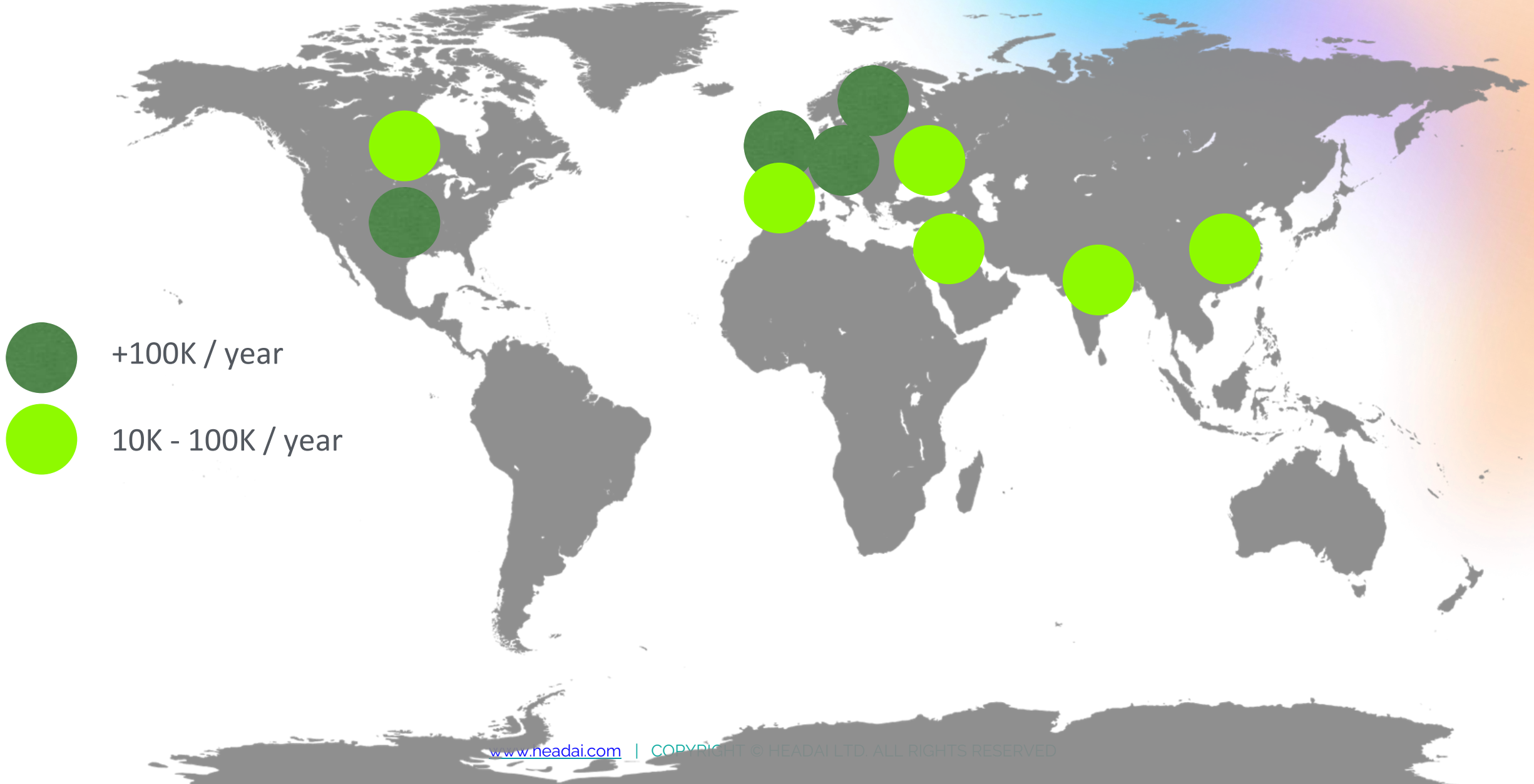
Green Deal Dataspace
Resilience & Sustainability

Enershare

DATA SPACE 4.0

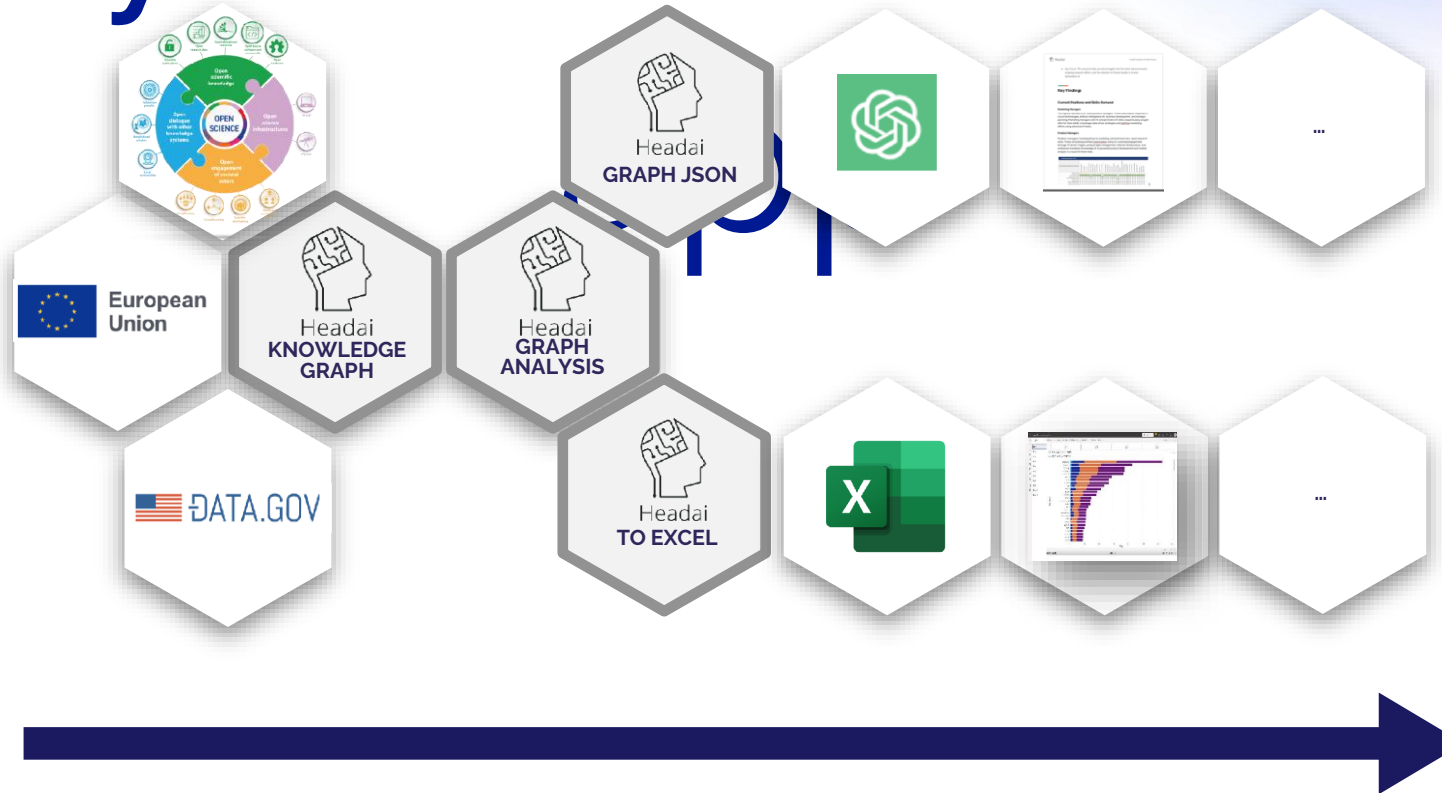
 **Funded by the European Union**

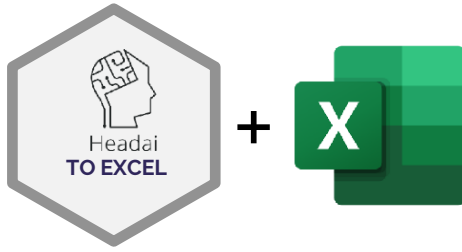
Economics & tech news - sample data size





system - not an





Headai Competitor insights Skills demand per role Skills foresight

Marketing Managers 2024

Latest skills demand based on job ads	business development	cloud development	cloud migration	cloud services	business technologies	artificial intelligence	relationship building	financial services	service development	managed services	product management	relationship management	cloud management	sales development	customer service	sales process	building management	problem solving	product marketing	public cloud	interpersonal communications	
product manager	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
cloud product manager	102	102	75	56	51	26	50	50	50	50	0	27	29	25	27	25	25	25	0	25	25	
product manager general	3	0	0	2	6	15	0	1	0	0	32	0	1	2	0	0	0	4	9	2	2	
product development manager	0	0	0	0	0	8	4	1	0	0	4	4	0	4	1	4	4	0	0	0	0	

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Headai Competitor insights Skills demand per role Skills foresight

Skills forecast

Skills forecast	business development	cloud development	cloud migration	cloud services	business technologies	artificial intelligence	relationship building	financial services	service development	managed services	product management	relationship management	cloud management	sales development	customer service	sales process	building management	problem solving	product marketing	public cloud	interpersonal communications	machine learning
Skills demand based on job ads	707	324	216	189	89	70	70	69	68	67	59	55	54	53	51	50	46	46	45	41	3	0
AI and genAI investments	0	0	6	0	0	8	0	5	0	0	3	5	0	23	32	32	0	0	5	0	0	707
AI and genAI Research	30	27	21	21	15	12	11	11	10	10	9	8	8	7	7	7	7	7	7	7	7	707

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Vuosi

All

Koulutusasteet

All

Koulutusalat tasoittain

All

Tutkinto

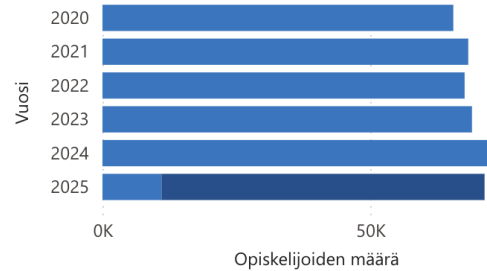
All

Opiskelijan kotimaakunta

All

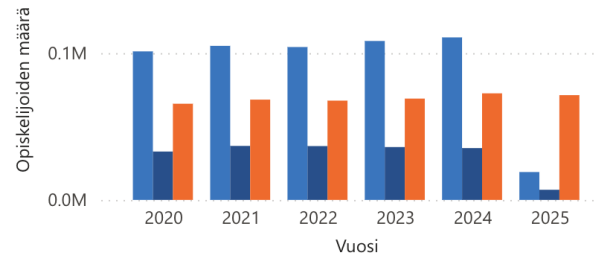
Valmistuneet ja valmistuvat

● Valmistuneet ● Ennuste loppuvuodelle: valmistuvat



Suoritusten tilat

● Aloittaneet ● Keskeytyneet ● Valmistuneet ja ennuste yhteensä

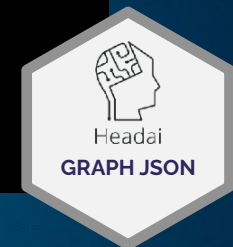
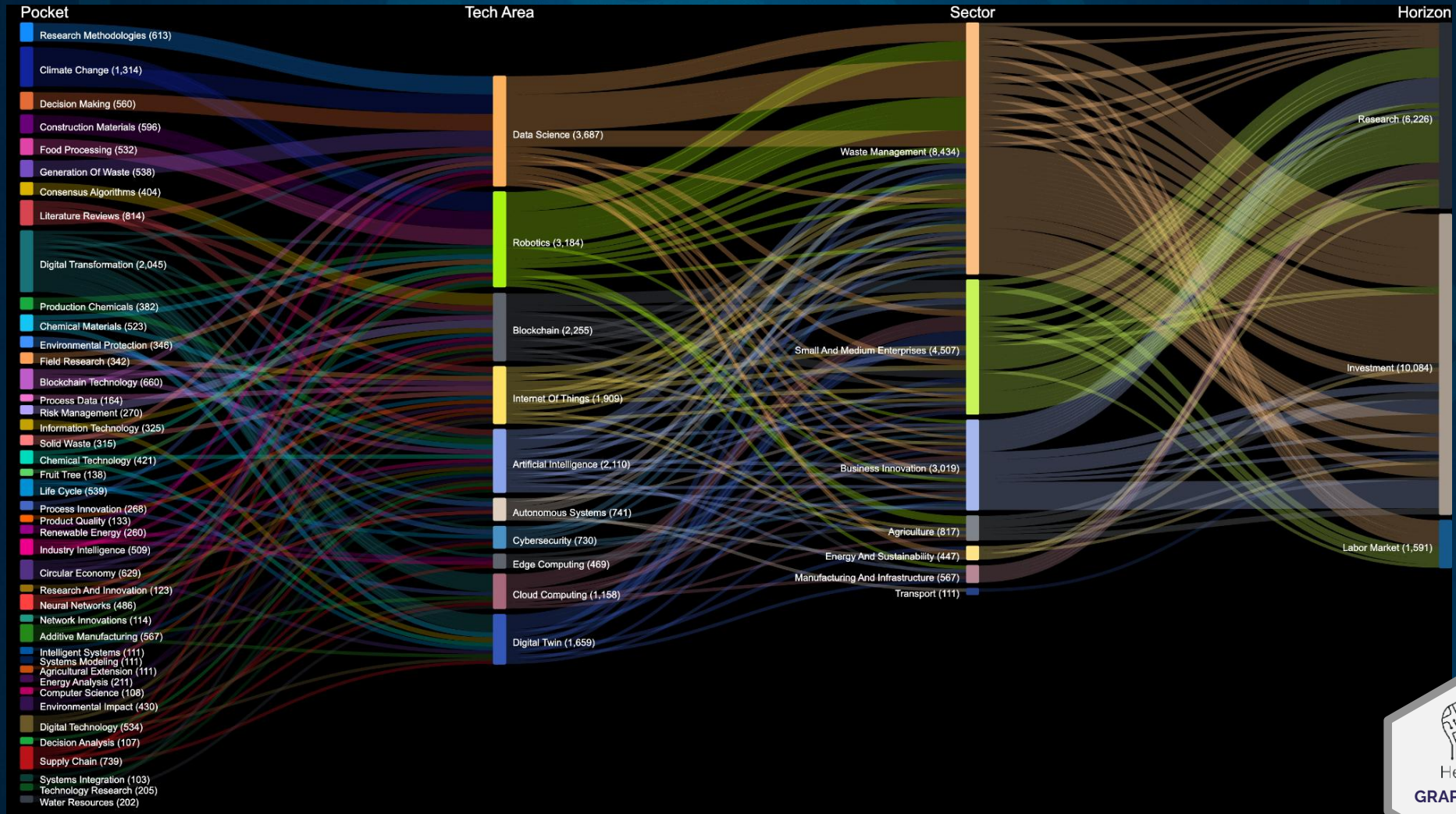


Kuluvan vuoden 2025 tilanne: Tutkinnot koulutusaloittain opiskelijoiden kotimaakunnissa

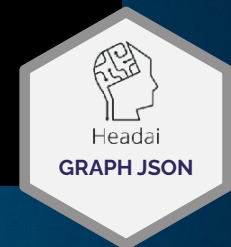
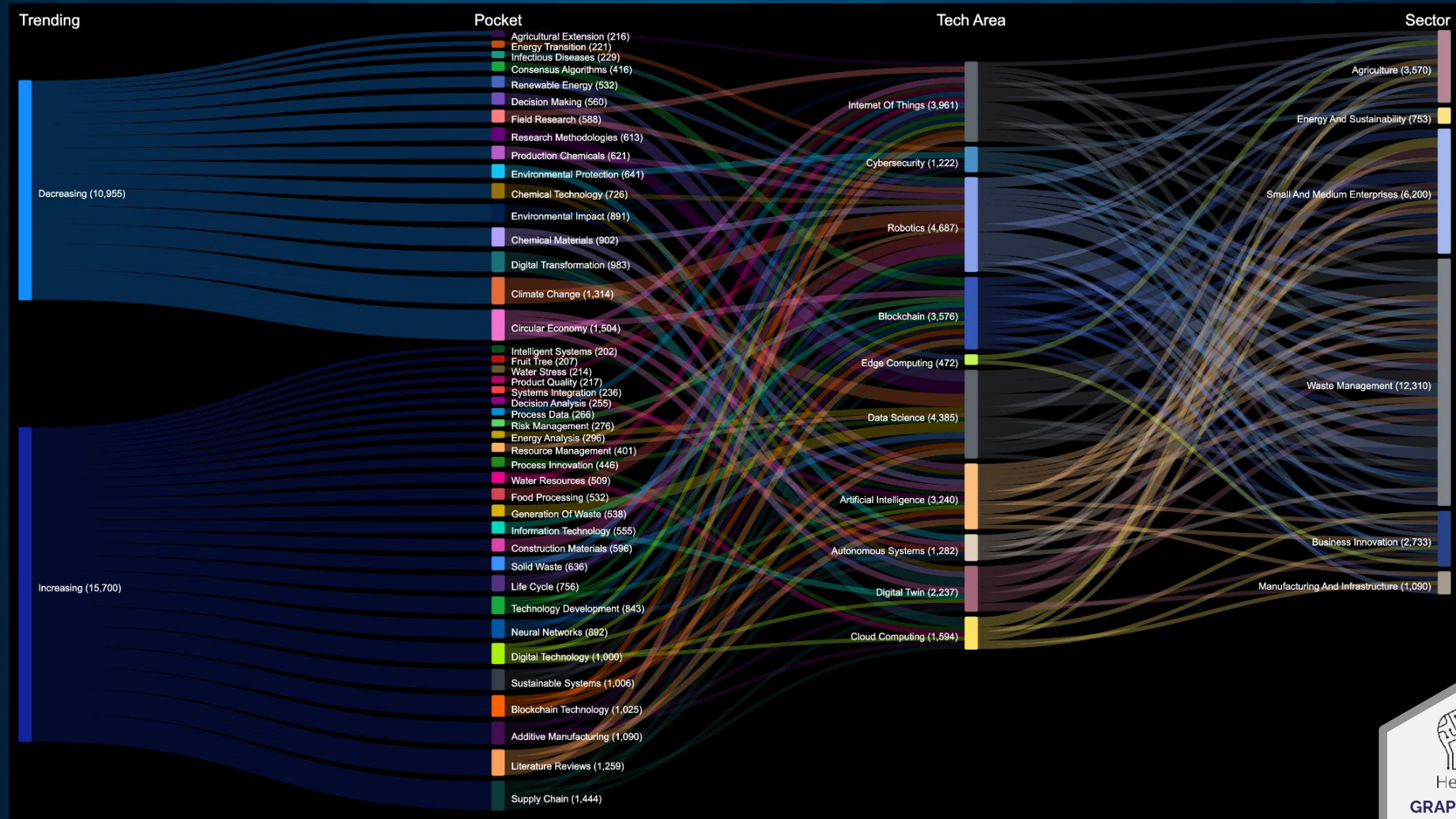
Koulutusala	Valmistuneet (karkeistettu)	Ennuste loppuvuodelle: valmistuvat (karkeistettu)
Humanistiset ja taidealat	305	2891
Kasvatusalat	14	86
Kauppa, hallinto ja oikeustieteet	2619	13672
Luonnontieteet	65	590
Maa- ja metsätalousalat	503	2947
Palvelualat	1872	10795
Tekniikan alat	2944	14808
Terveys- ja hyvinvointialat	2361	12571
Tietojenkäsittely ja tietoliikenne (ICT)	334	1917
Total	11028	60336



Skills interoperability



Skills interoperability





system - not an

