



The Language Data Space

... A future for ELG

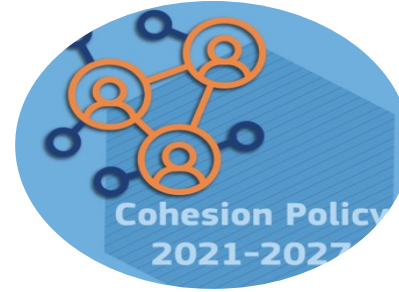
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MY EUROPE, MY LANGUAGE.

...MADE IN EUROPE

Our actions: Legislative, Coordination & Funding



Digital Programme

The [Digital Europe Programme \(DIGITAL\)](#) provides funding for projects in five crucial areas:



Programme VISION

Digital Decade and digital targets for 2030.

Programme FOCUS

Building the **strategic digital capacities** of the Union and facilitating the **wide deployment of digital technologies**.

Programme GOAL

Bridging the **gap between digital technology research and market deployment**, while supporting the EU **twin objectives** of a green transition and digital transformation.

DSs and the LDS are under SO2 'Cloud, Data and AI', whose aim is to drive the *digital transformation* of the *public and private sectors*.

'Origins' of the Common European Data Spaces

Common European Data Spaces

They are meant to harness the **value of data** for the benefit of the European economy and society.

are the centrepiece of the



Objectives



European Strategy for Data

In February 2020, it announced the Commission's vision to empower businesses, public administrations and individuals to make better decisions **through the use of data**.

The creation of EU-wide common, interoperable DSs in strategic sectors is to **overcome existing legal and technical barriers** to data sharing and, as such, **unleash the potential of data-driven innovation**.

→ More data shared in a privacy-compliant, trustworthy, and secure way.

→ **A genuine single market for data.**

Design Principles of the DS



Data control

For data holders:

- Full control over data at all times;
- Option to change data access rights over time.



Governance Framework

- Fair,
- transparent,
- proportionate,
- non-discriminatory access to & sharing/use of data.



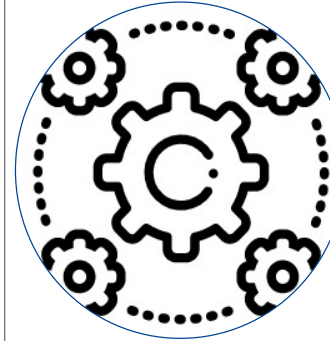
Respect of EU Rules & Values

- Personal data protection
- Consumer protection legislation
- Competition law



Technical Data Infrastructure

- Building blocks
- Efficient & coordinated DSs construction



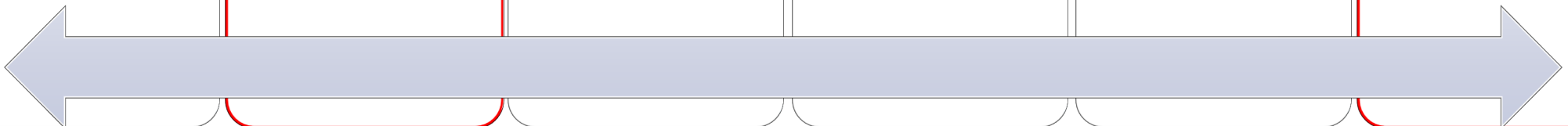
Interconnection & Interoperability

- Progressive interlinking of DSs
- Aims:*
- Fully integrated ecosystem
 - Cross-exploitation of data

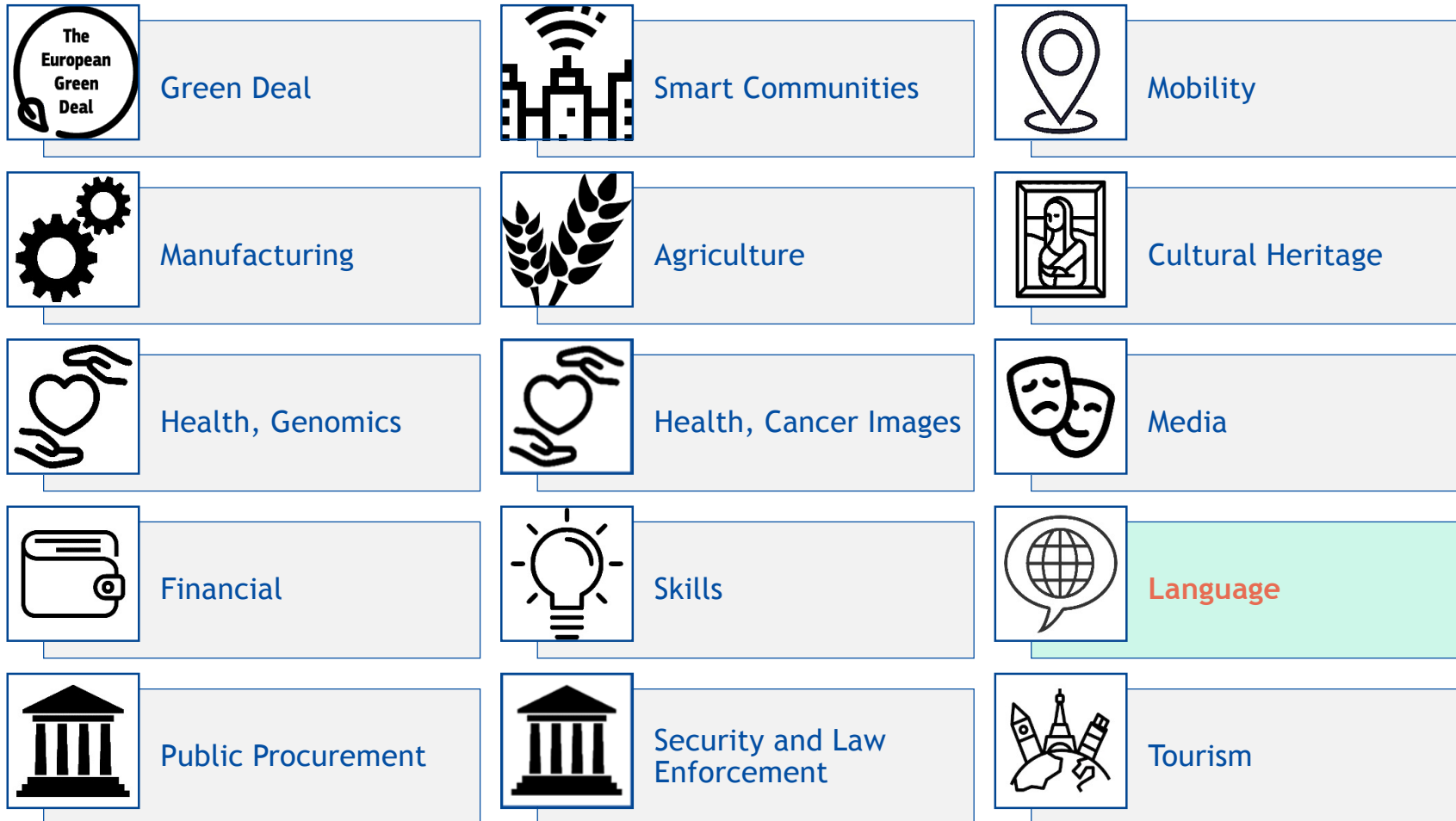


Openness

- For all actors, organisations or individuals;
- Aims:*
- Fostering competition
 - Avoiding lock-ins



DIGITAL WP 21-22 Data Spaces at a glance

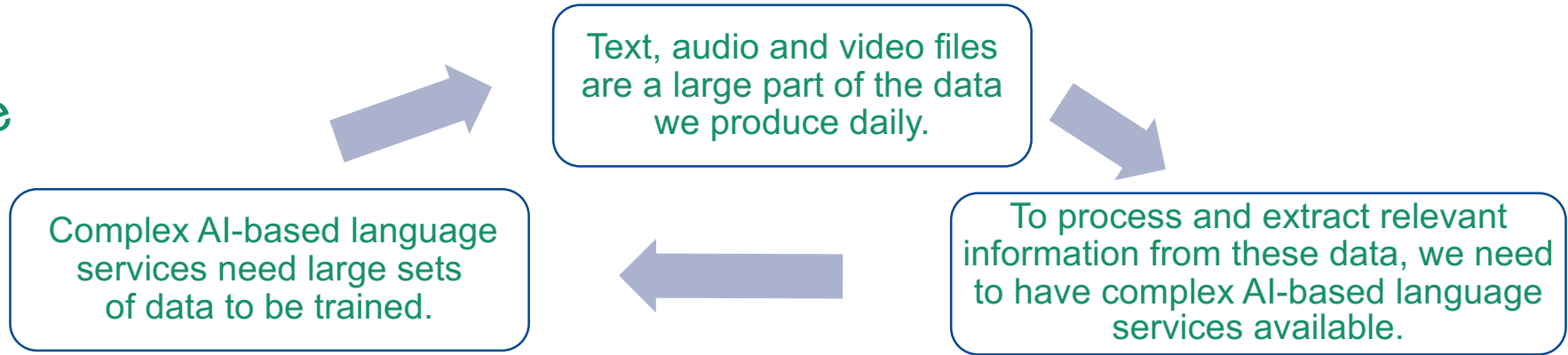


Language Data Space... What is it?

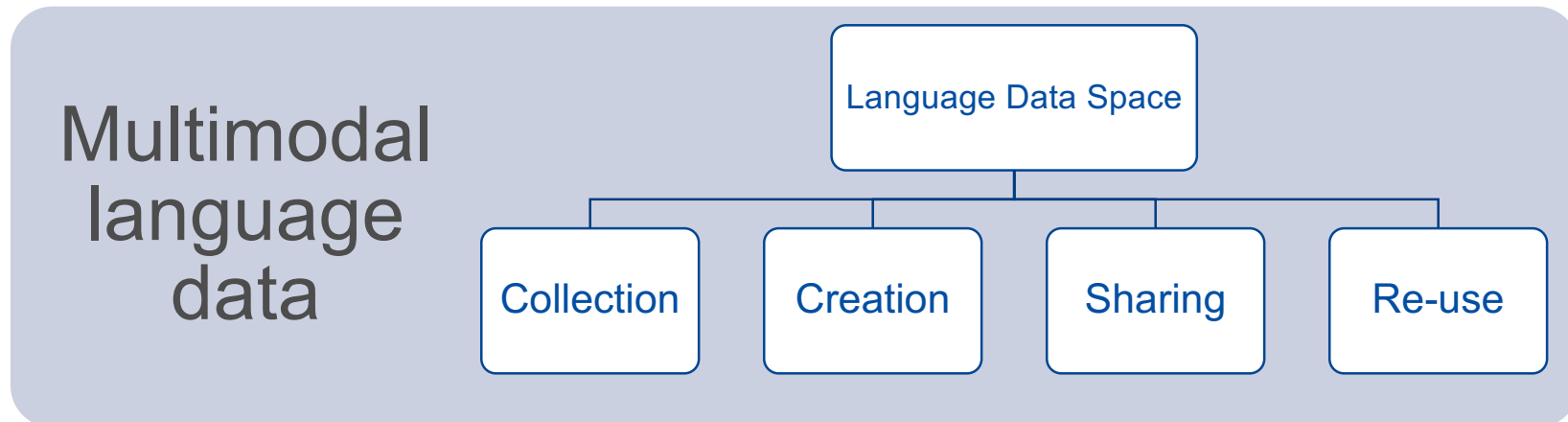
Goal

Increase Data Exchange

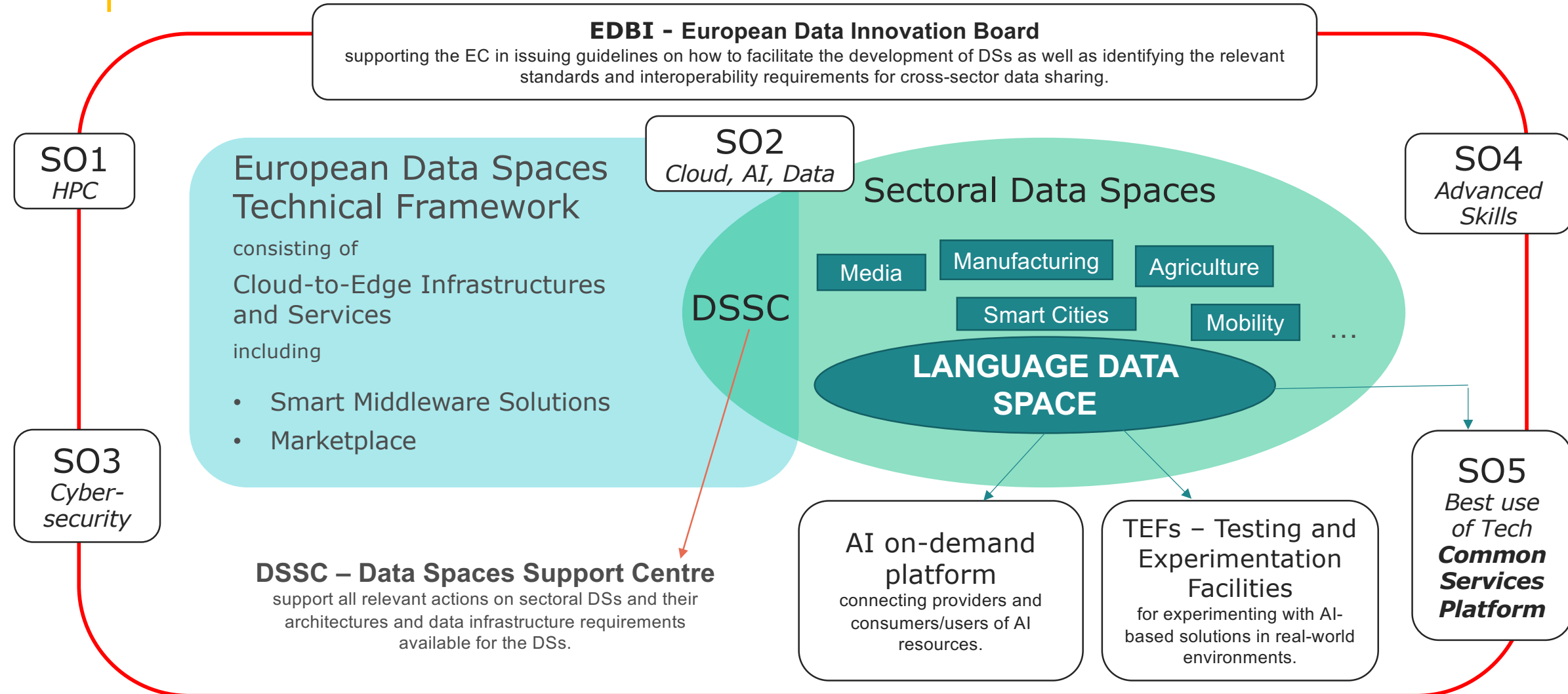
Where we are



What we offer



European DS Ecosystem – DIGITAL SO2



Financing

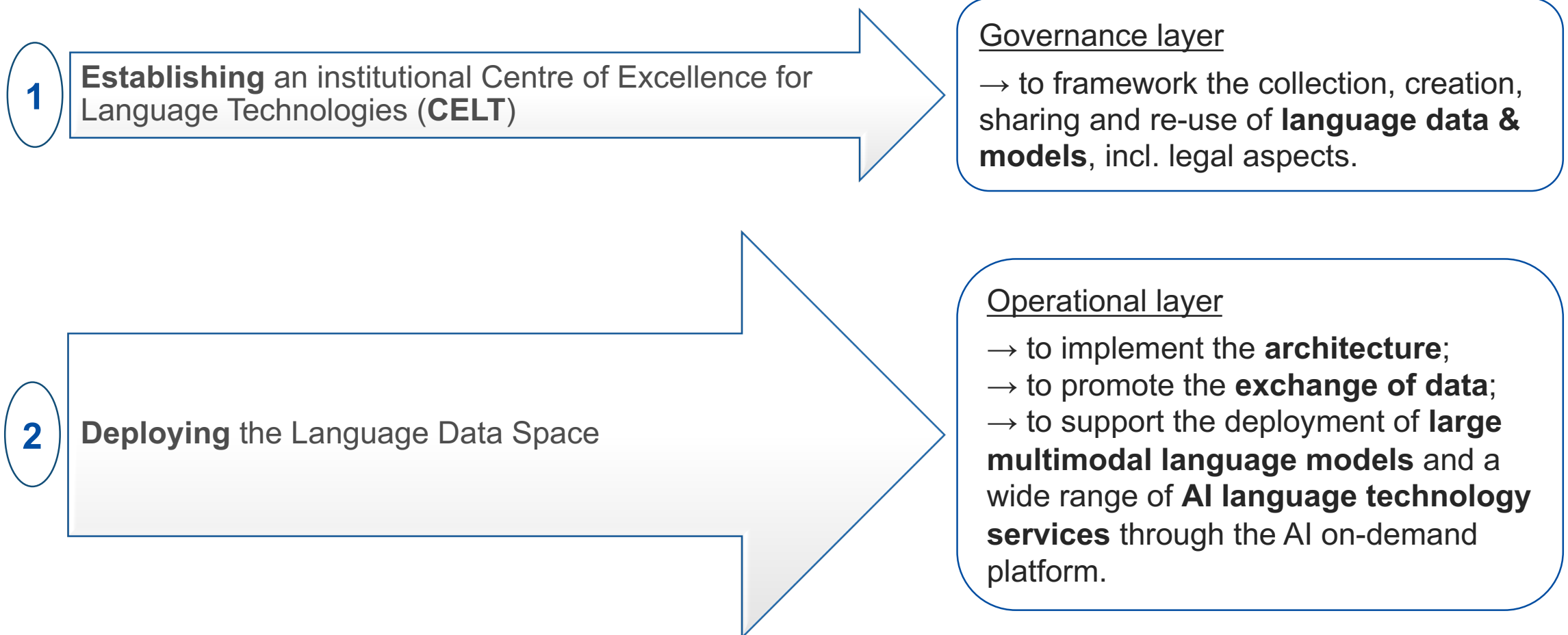
In DIGITAL WP 21-22

Type of Action	PROCUREMENT
Indicative Budget	EUR 6 million
Indicative Time of the Call Opening	June – September 2022
Indicative Starting Date	Early 2023

In DIGITAL WP 23-24

Planned types of actions: *procurement & grants*.

LDS Work Strands

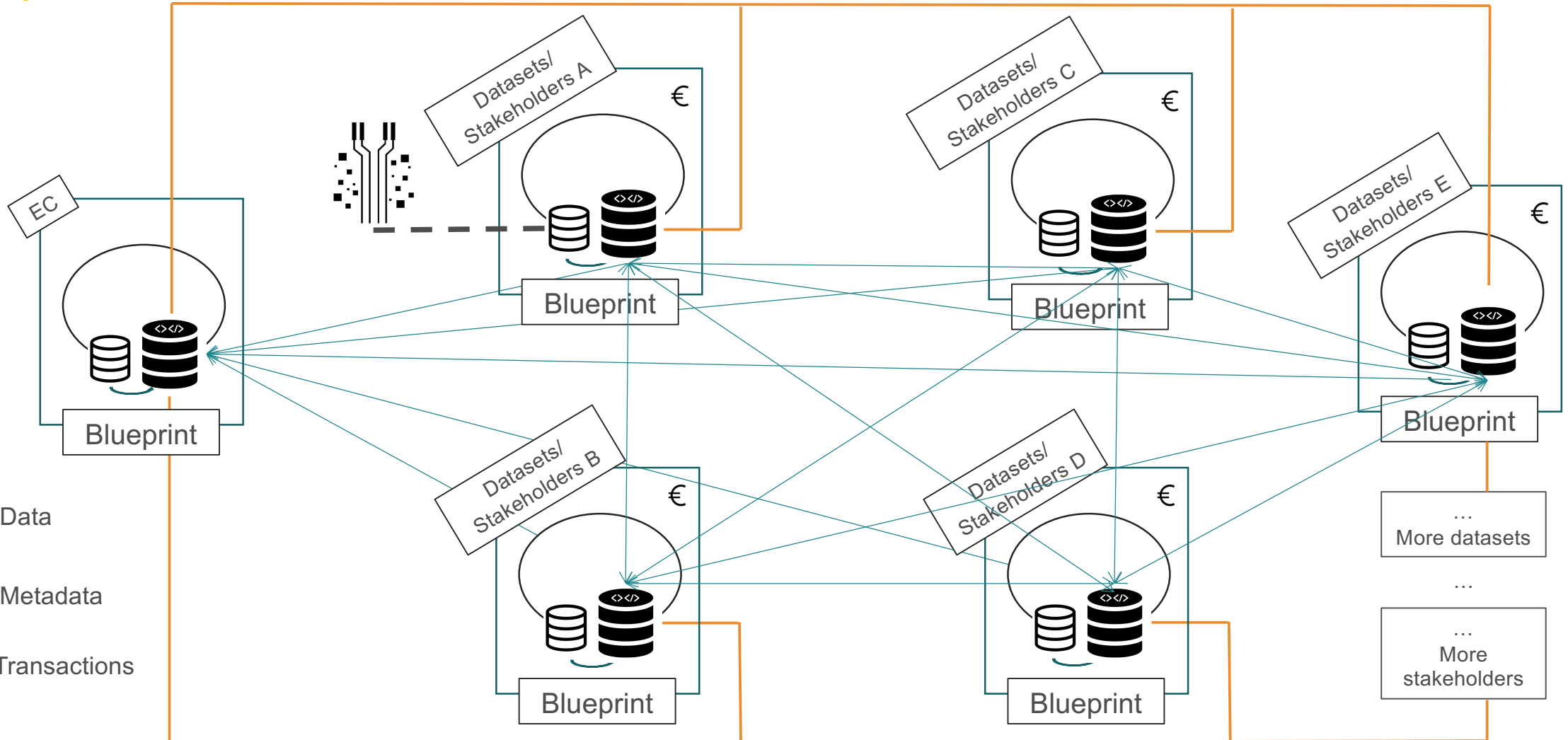


Establishment of the CELT & the CELT+

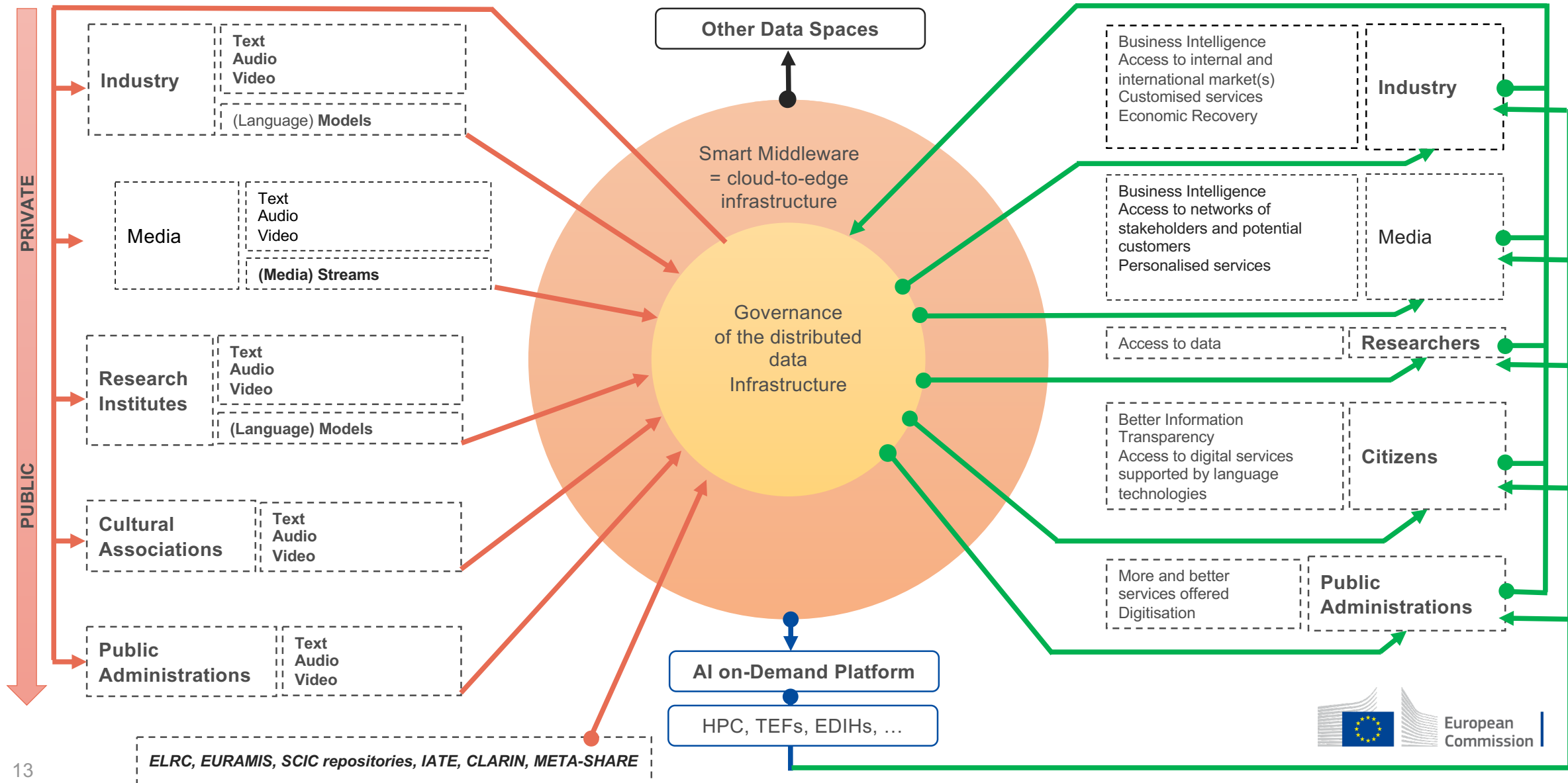
Strategic Level	CELT Coordinating across the MSs the creation and collection of multimodal language data and models.	Networking	Identifying and bringing together existing European stakeholders/initiatives and language resources <ul style="list-style-type: none"> Datasets and data streams <u>Large language models</u> <i>ELRC, EURAMIS, SCIC repositories, IATE, CLARIN, META-SHARE, etc.</i>
		Governance	Developing a Multi-Stakeholder Data and Services Governance Scheme
Operational level	CELT+ Driven by Industry	Planning	Elaborating a Blueprint for the Language Data Ecosystem based on existing EU/national legislation, incl. a detailed roadmap on how to deploy the language data space

EC Role: Facilitator

LDS Distributed Architecture

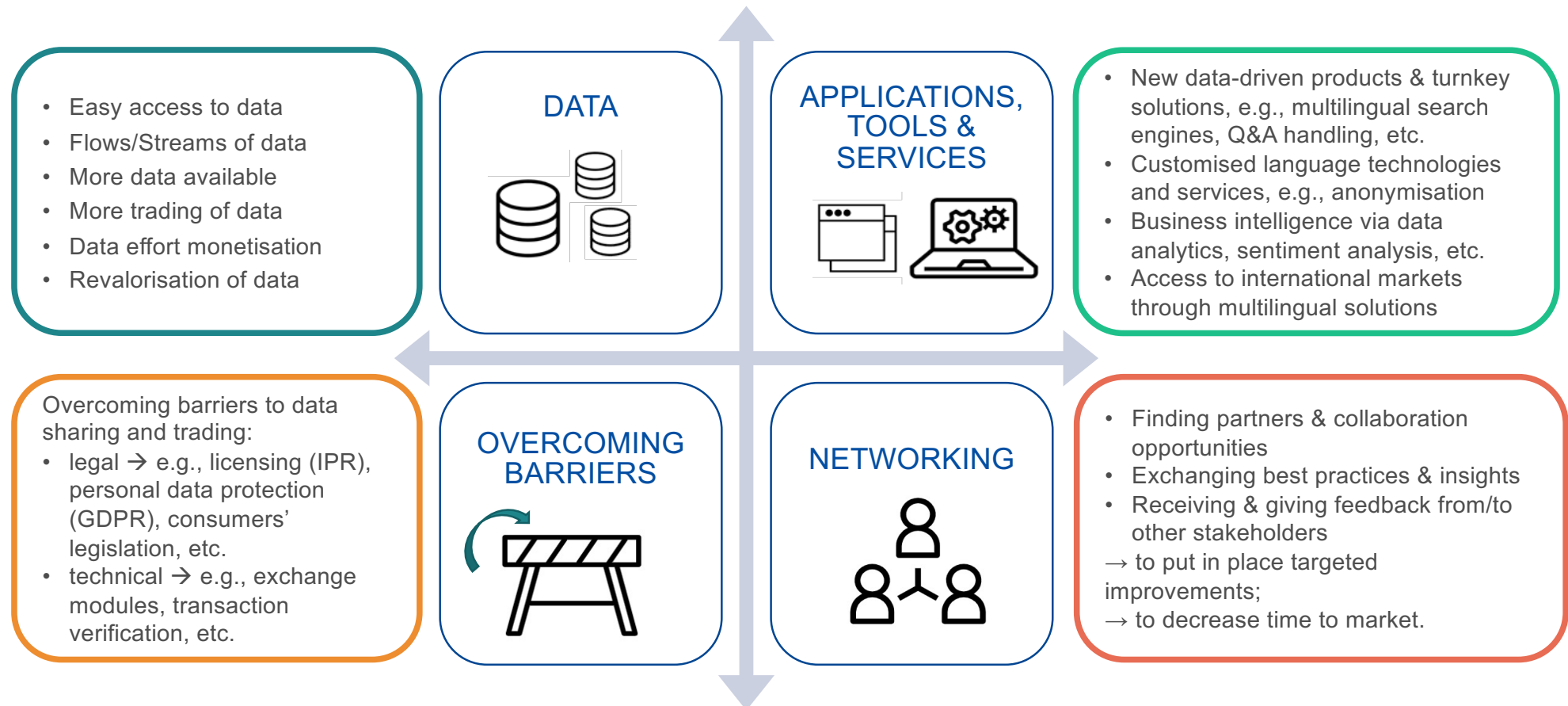


Stakeholders' Landscape

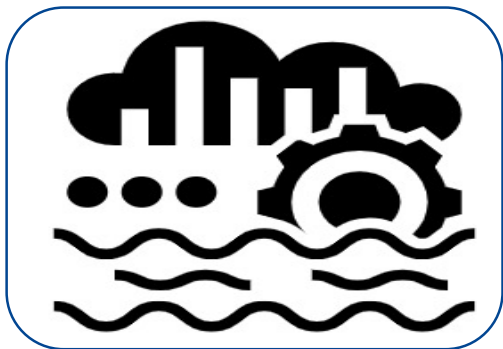


Benefits of the LDS

The LDS has been thought to be **a platform and a marketplace** *where the request for language resources and services matches the offer.*

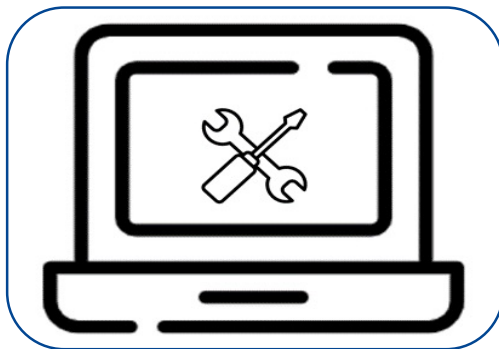


What's in it for you



**Data sharing
against
remuneration**

E.g., multilingual
and/or multimodal
data



**Developing,
selling and
purchasing
language-based
applications,
tools and models**

E.g., automatic
speech
transcription



**Developing,
selling and
purchasing
language-based
services**

E.g., automatic text
summarisation



**Performing data
analytics and
further exploiting
the market for
more reach and
visibility**

E.g., historical data

Your involvement in the LDS initiative

Short-Term Today's Meeting

- Presenting and exchanging ideas on the LDS to give further shape to the project

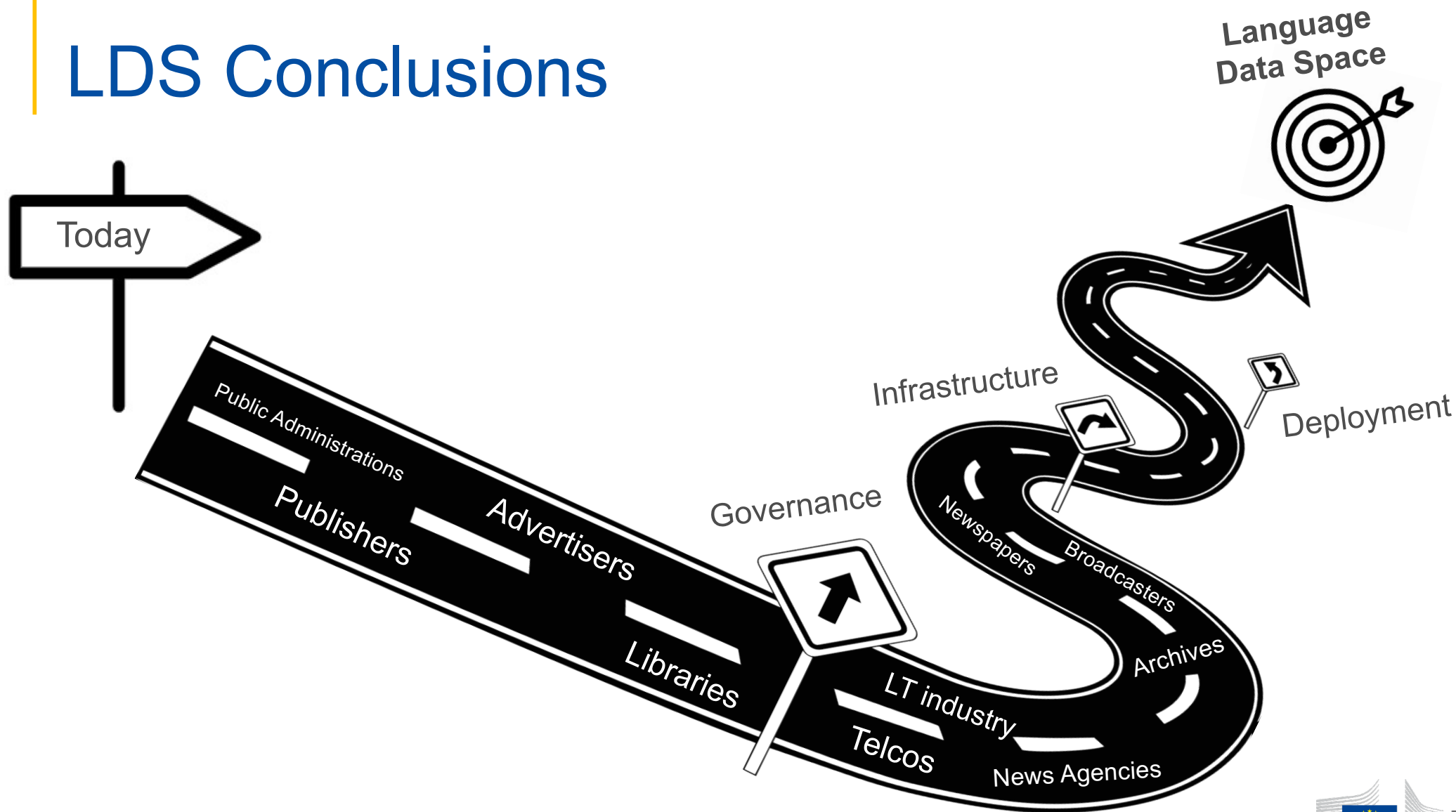
Medium-Term June – September 2022

- Finding out more about the LDS (call for tenders publication)
- Taking part in (consortia) proposals

Long-Term From January 2023 onwards

- Participating in the deployment of the LDS
- Using the LDS as a platform and marketplace
- Being part of the LDS community

LDS Conclusions

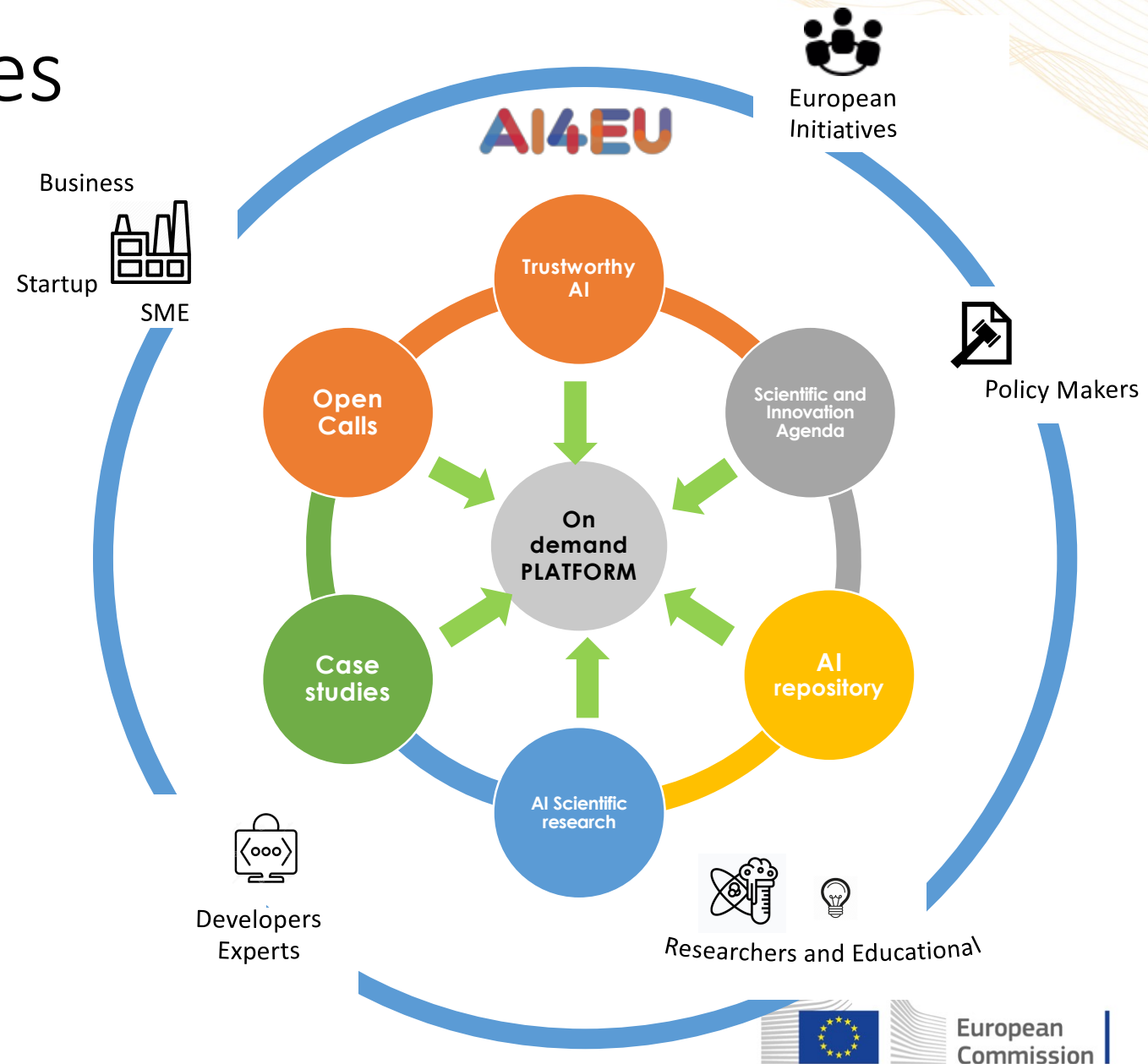


AI on Demand Platform

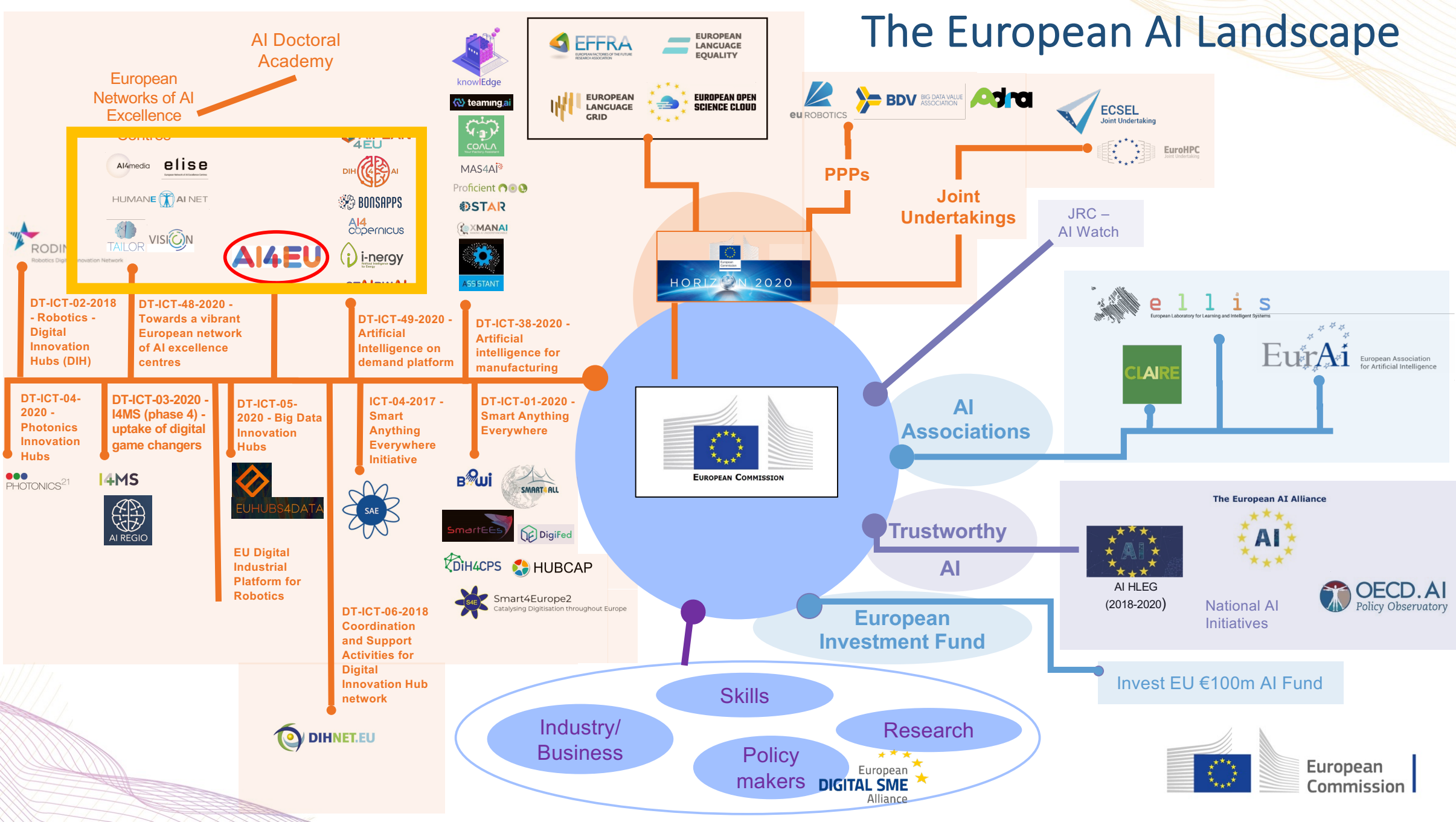


AIoD Core objectives

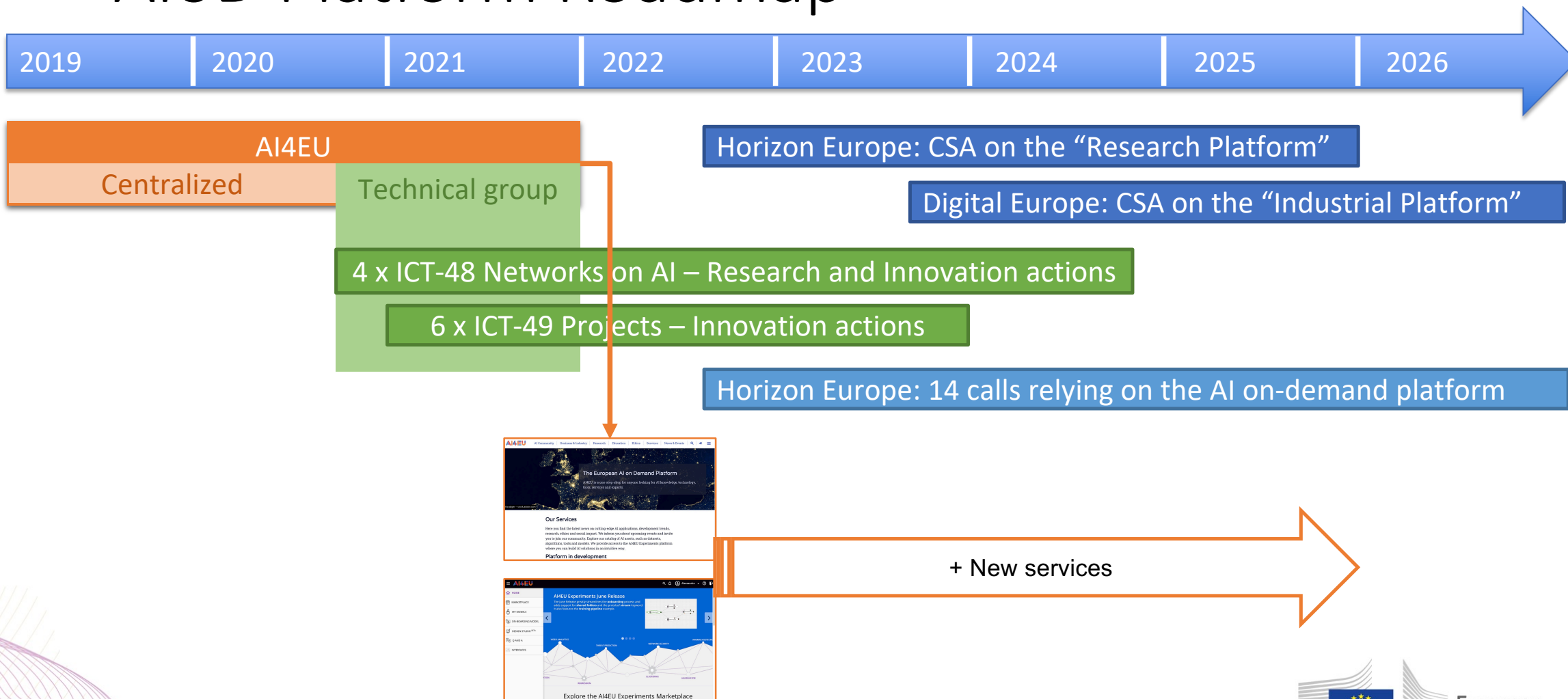
- Avoid fragmentation in Europe
- Create a supportive platform on AI for European stakeholders
- Construct a EU shared repository of AI knowledge – tools / assets
- Align experts in AI research to support innovation and tech transfer to SMEs and low tech SMEs



The European AI Landscape



AIoD Platform Roadmap





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