



# *The new Digital Europe Programme*

... and the Language Data Space

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MY EUROPE, MY LANGUAGE.

...MADE IN EUROPE

# Language Technologies & Multilingualism

Social

Competitiveness

Autonomy

Culture



Sovereignty

Diversity

Inclusive

Economy



# Our actions: Legislative, Coordination & Funding



# Framework Programme of DSs and LDS

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

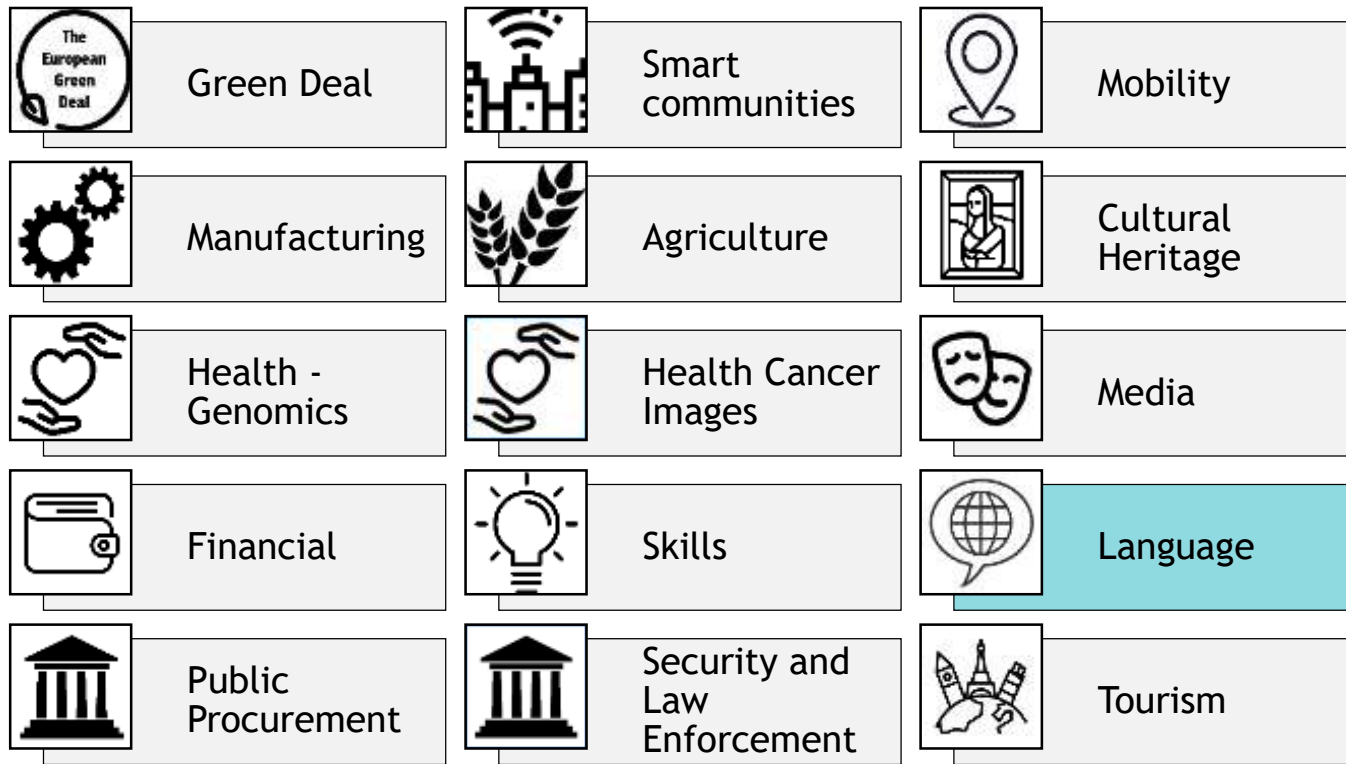
In February 2020, it announced the Commission's vision to empower businesses, public administrations and individuals to make better decisions **through the use of data**.

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.**

# Data Spaces in DIGITAL: An Overview of all DSs in WP 21-22



# Language Data Space... What is it?

Where we are

Text, audio and video files are a large part of the data we produce daily.

Complex AI-based language services need large sets of data to be trained.

To process and extract relevant information from these data, we need to have complex AI-based language services available.

Multimodal language data

Language Data Space

Collection

Creation

Sharing

Re-use

What we offer

# European DS Ecosystem – DIGITAL SO2

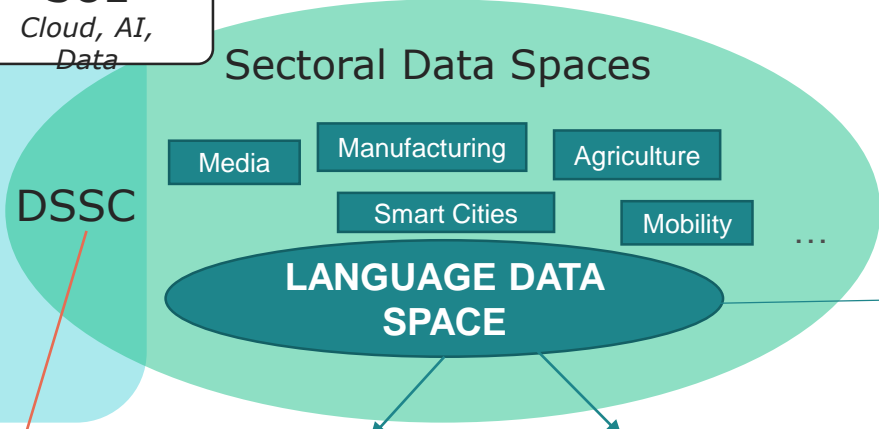
**EDBI - European Data Innovation Board**  
supporting the EC in issuing guidelines on how to facilitate the development of DSs as well as identifying the relevant standards and interoperability requirements for cross-sector data sharing.

**SO1**  
*HPC*

**European Data Spaces Technical Framework**  
consisting of  
Cloud-to-Edge Infrastructures and Services  
including

- Smart Middleware Solutions
- Marketplace

**SO2**  
*Cloud, AI, Data*



**SO4**  
*Advanced Skills*

**SO3**  
*Cyber-security*

**DSSC – Data Spaces Support Centre**  
support all relevant actions on sectoral DSs and their architectures and data infrastructure requirements available for the DSs.

**AI on-demand platform**  
connecting providers and consumers/users of AI resources.

**TEFs – Testing and Experimentation Facilities**  
for experimenting with AI-based solutions in real-world environments.

**SO5**  
*Best use of Tech*  
**Common Services Platform**



# Design Principles of the LDS



## Data control

For data holders:

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



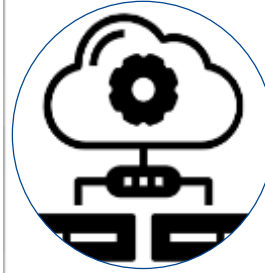
## Governance Framework

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



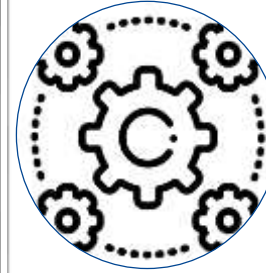
## Respect of EU Rules & Values

- 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

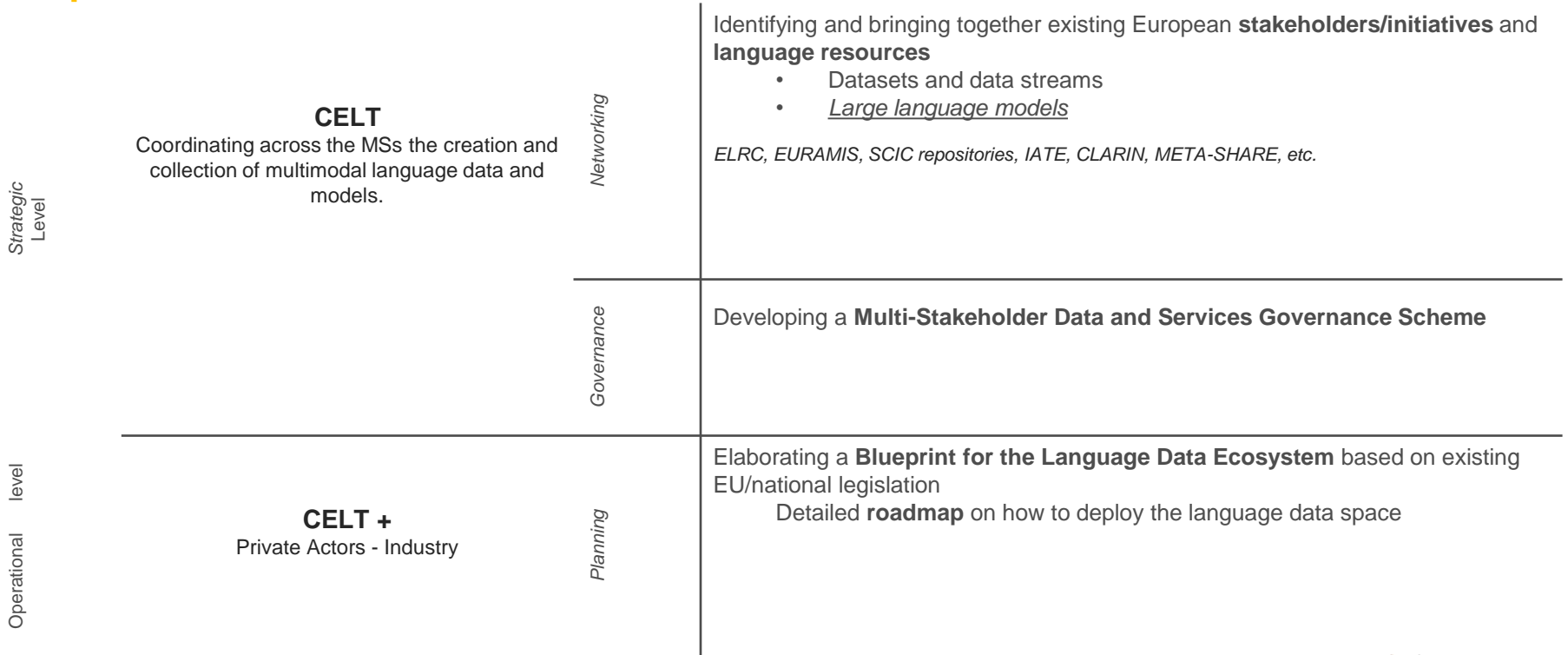


## Openness

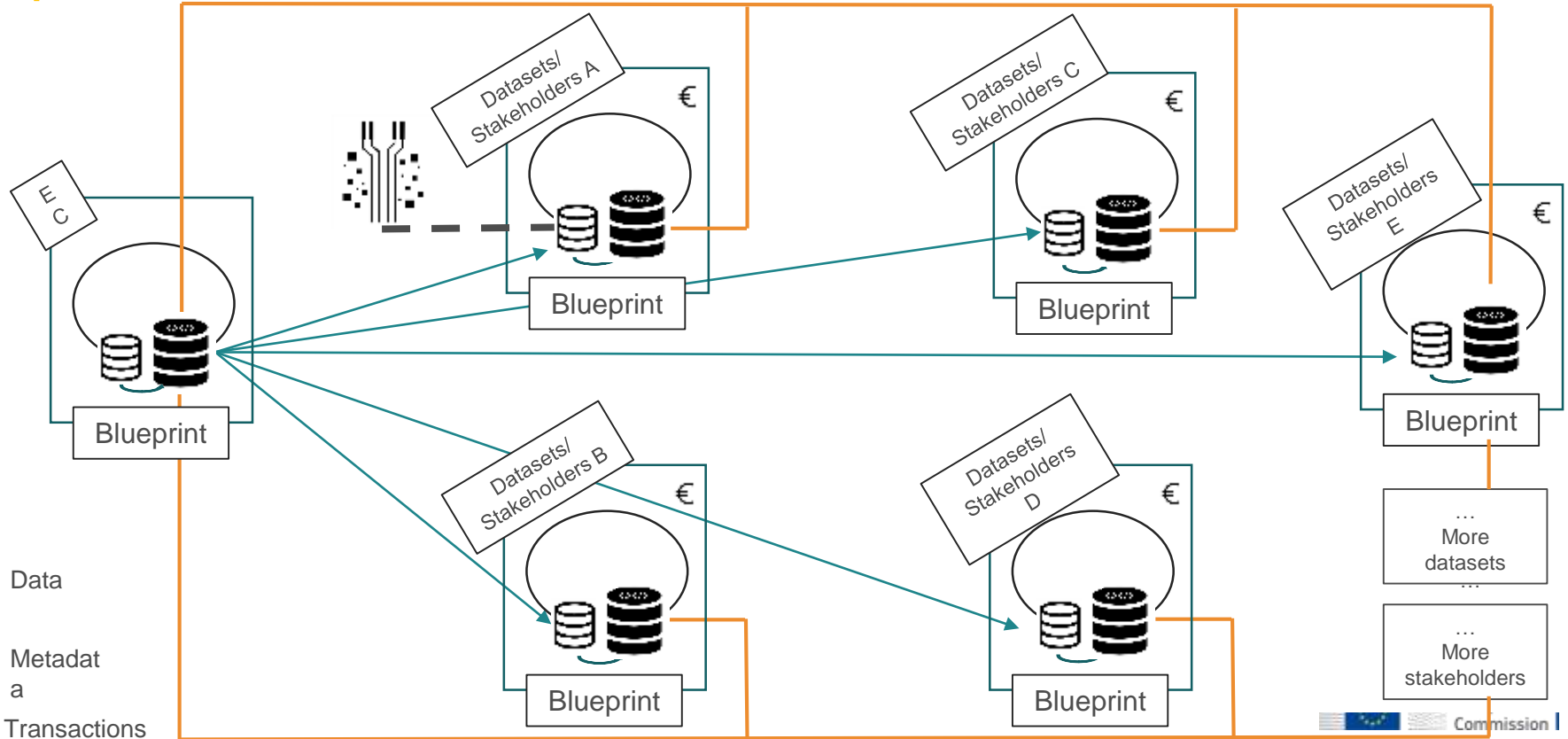
- For all actors, organisations or individuals;
- Aims:*
- Fostering competition
  - Avoiding lock-ins



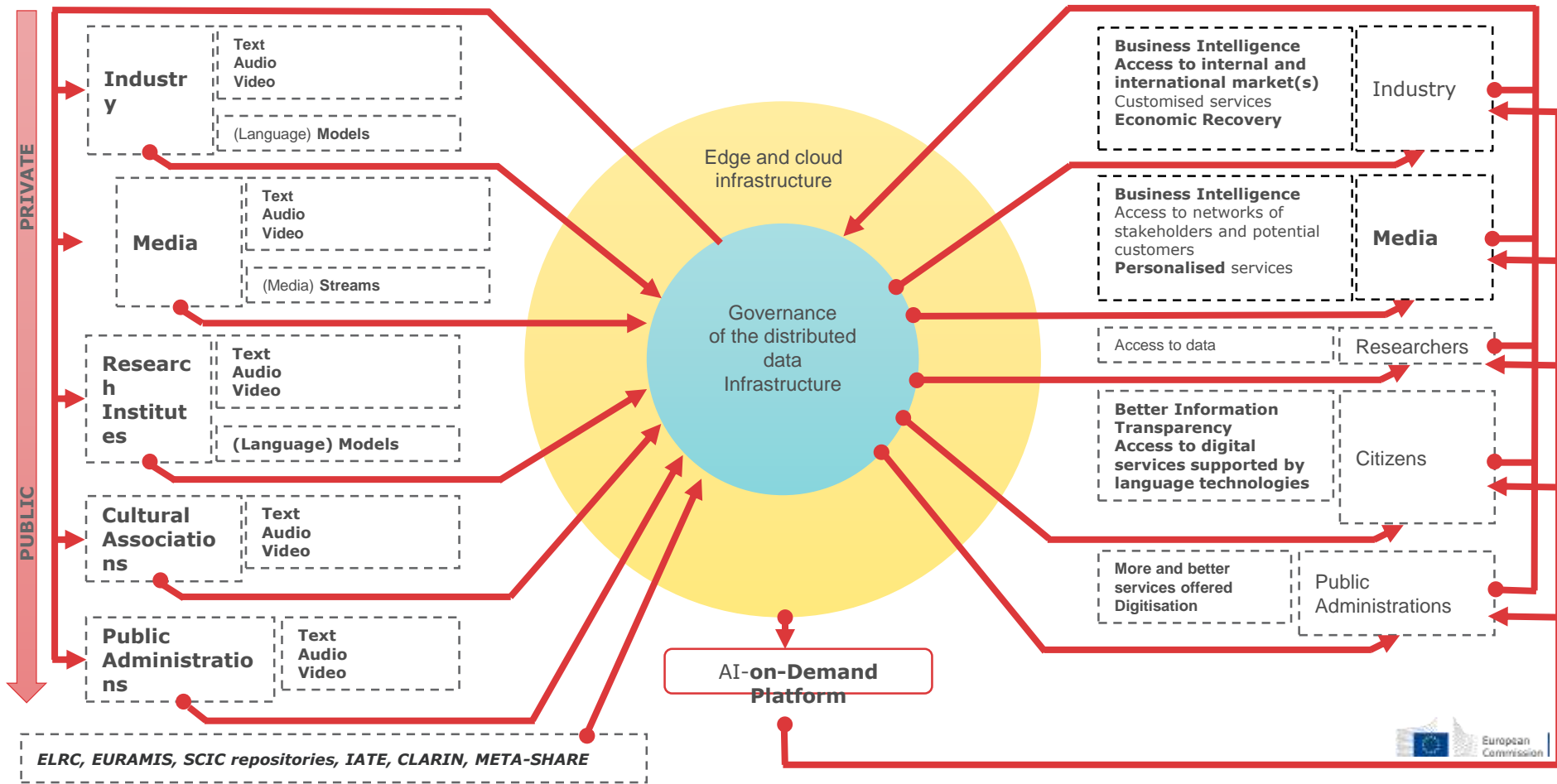
# Establishment of the CELT & the CELT+



# LDS Distributed Architecture



# LANGUAGE DATA SPACE in a Nutshell



# Links & contacts



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