

DATA SPACES AND DIGITAL COMMONS: *Building a responsible, transparent and inclusive AI market*

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Ekitia, in a nutshell



- Association under the French law of 1901
- Bringing together nearly 60 public, private and academic organisations of all sizes and from all sectors of activity
- Working together to create a framework of trust to facilitate data sharing

Some of our members



In partnership with

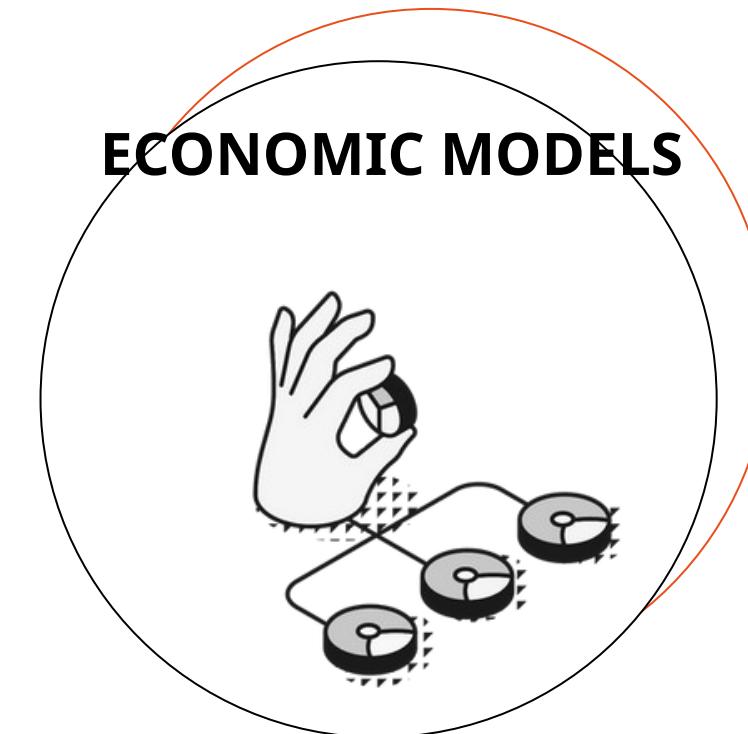


Major obstacle to AI development: access to data

The main challenges of data sharing are:



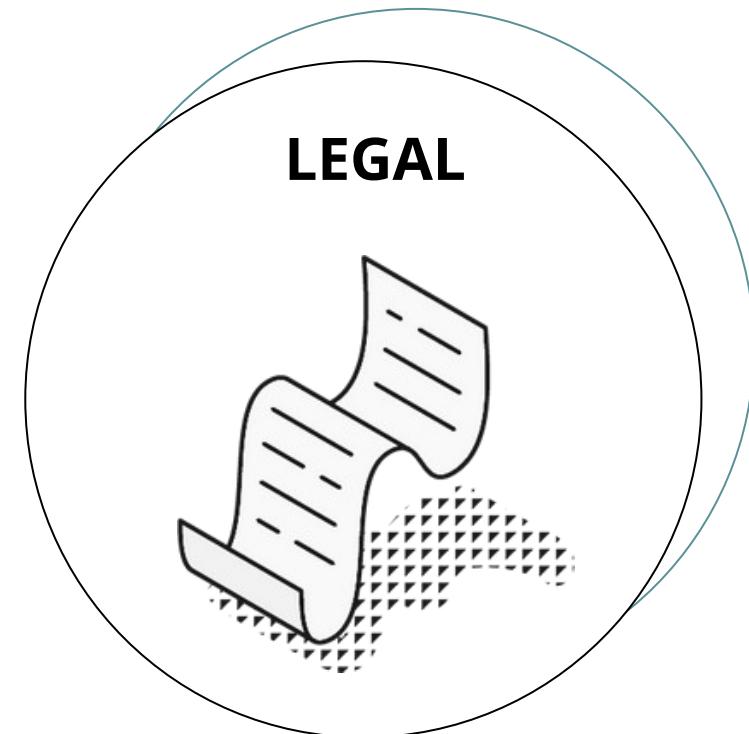
Condition of trust
between actors



Creating **equitable**
economic models for data
and knowledge



Identify
technologies that
inspire trust



Understanding developments in
the national and European **legal**
framework on the use of data and
AI

Major obstacle to AI development: access to data

- Lack of trust
- Lack of equitable value sharing
- Current timeframes: 4-18 months for negotiation and agreement
- Increased effort required for each new AI project
- Difficulties in access for SMEs and citizens
- Lack of sustainability beyond one-off agreements

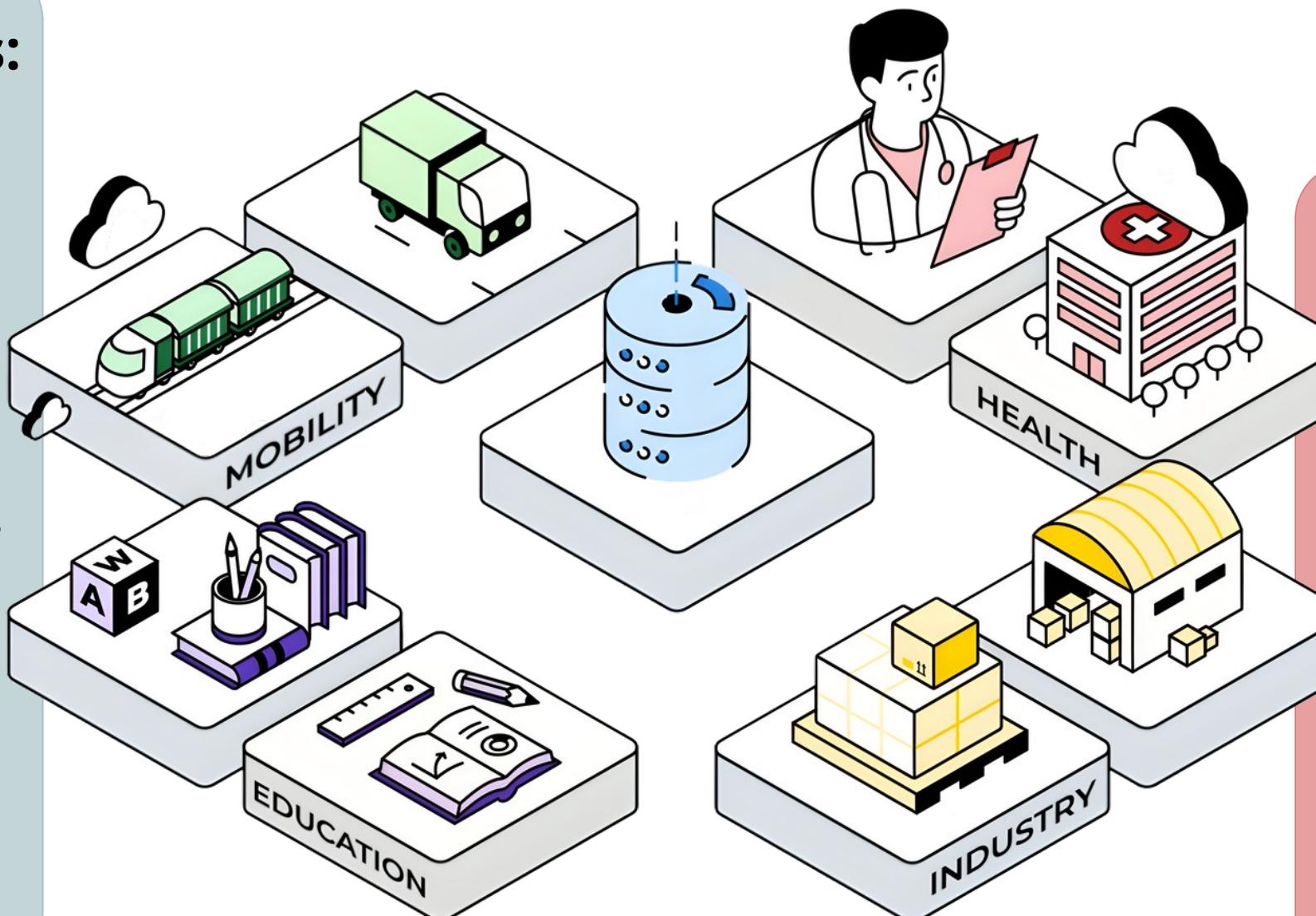
Concrete needs, common challenges

Three multisectoral examples:

Health/Research: Use of uncoded medical reports for research purposes.

Disability: Coding of MDPH files (currently only 10%).

Training/Employment: RAG on sensitive documents to analyse career breaks.

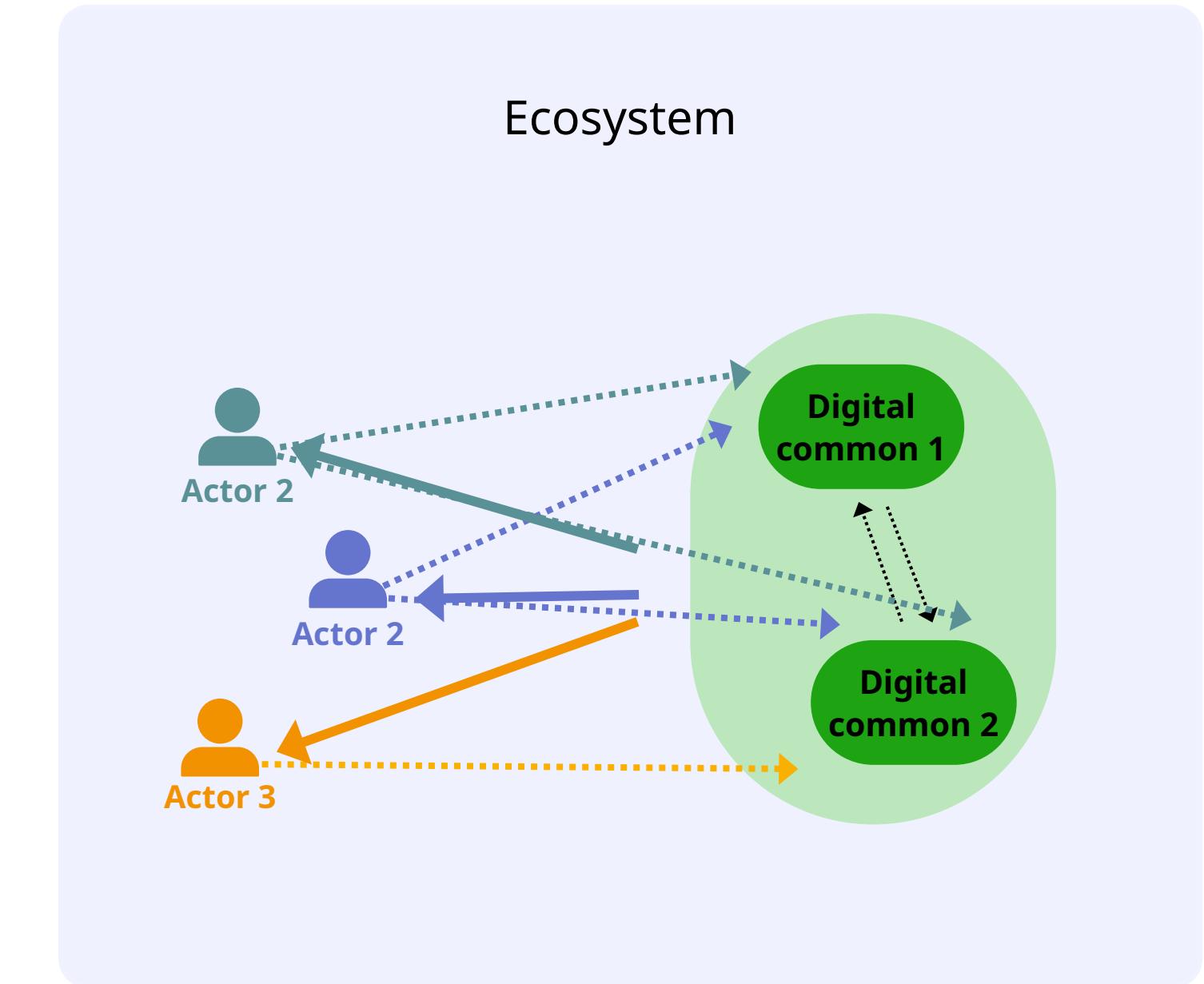


Identical cross-cutting issues:

- Confidentiality and data protection
- Fair remuneration for contributors
- Technical interoperability
- Trust between heterogeneous actors

How can we build a digital common that guarantees trust?

- Need for a common infrastructure
- Need for shared governance
- Importance of simplicity and accessibility



→ This is where **trusted data spaces** come in

Data spaces: beyond the technical aspects

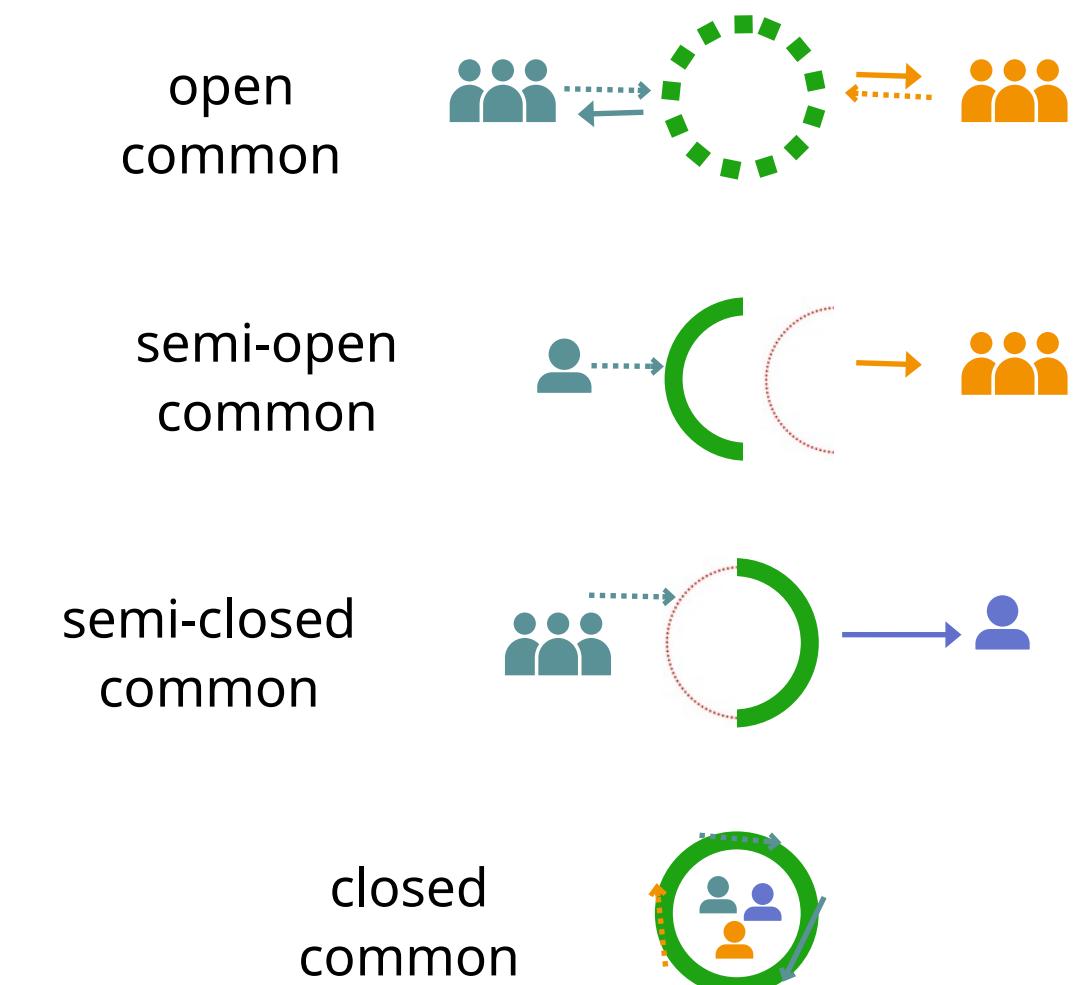
A data space is a technical and **organizational ecosystem** that enables secure and sovereign data sharing between organizations, each of which retains control over their data at source, via decentralized orchestration based on **common governance rules** and interoperability standards.

What is missing:

- Ethical governance from the design stage onwards
- Genuine inclusion of SMEs and citizens
- Scaling up

The concept of 'digital commons':

- Complete life cycle: creation → use → sustainability
- Automatic generation of contracts and comitology
- Bringing minimal reusable layer of trust

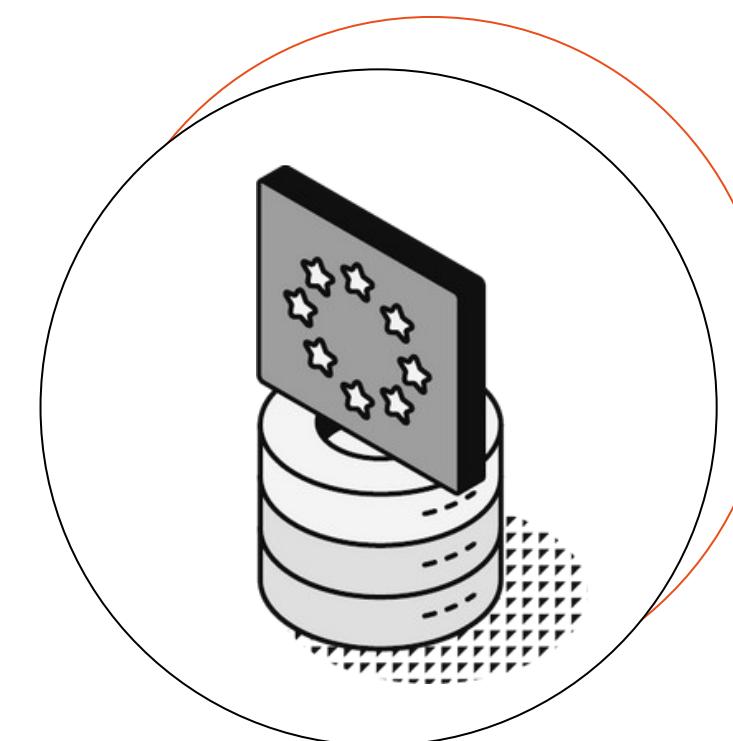


The Trusted Data Space: concept

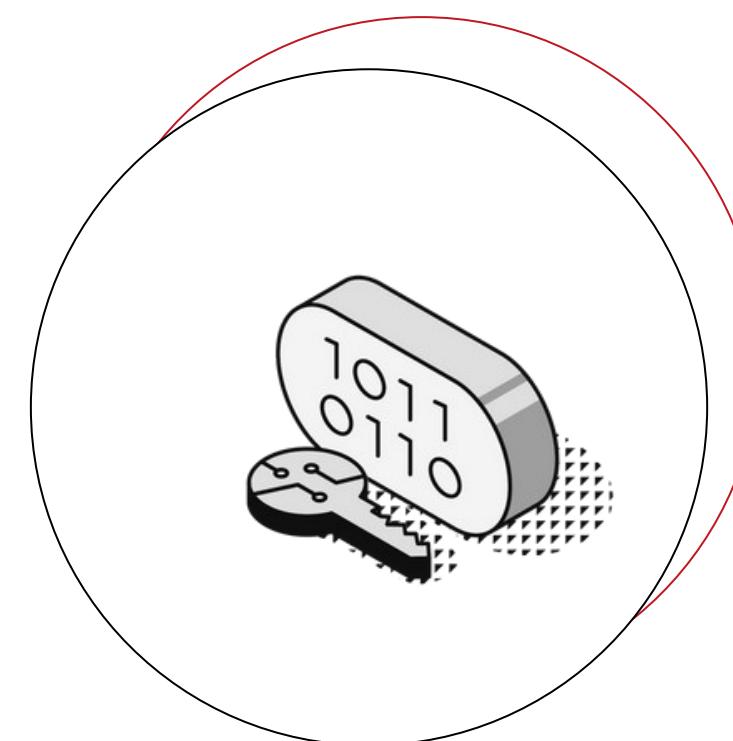
It aims to facilitate the trusted implementation of projects based on data processing between private, public, and academic actors.



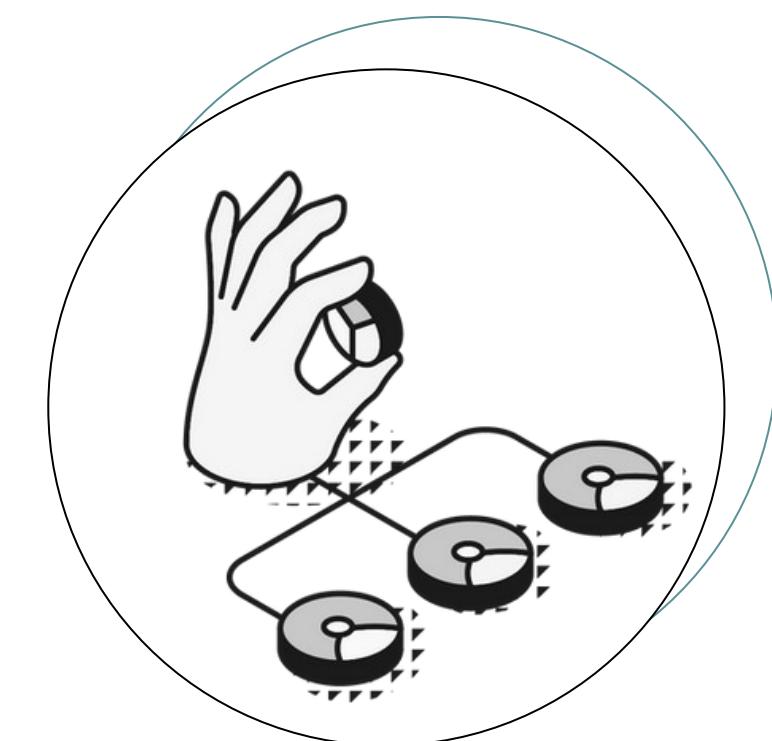
Ethical and Legal
Rulebook



Decentralized and
sovereign technical
orchestrator



Technologies that
improve privacy



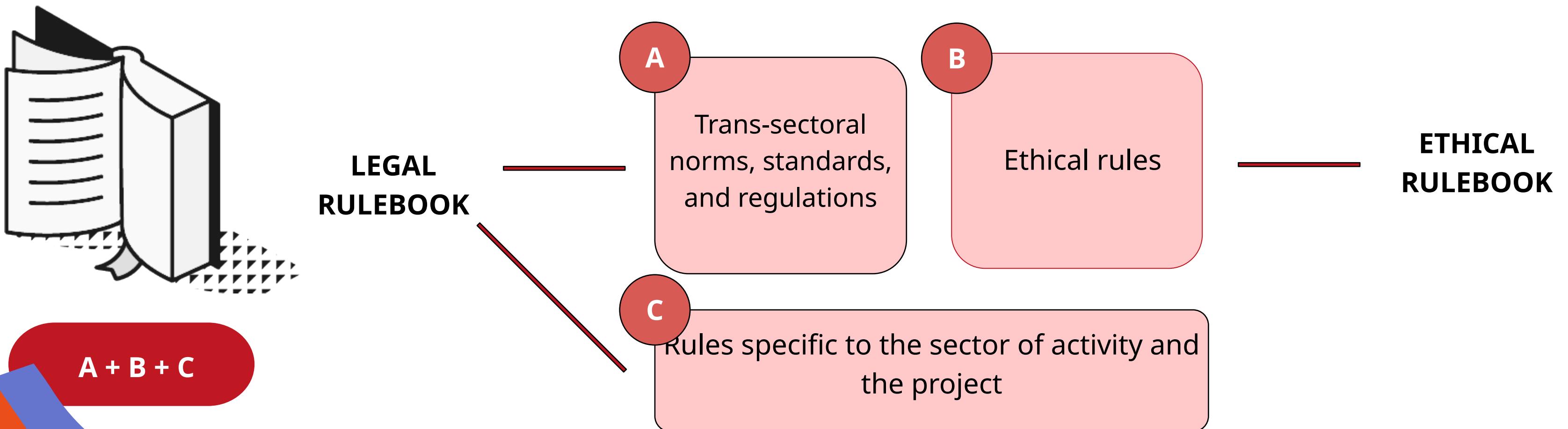
Economic models for fair
remuneration of value

The Rulebook :



The governance rules (Rulebook) will define the conditions for the use and reuse of digital resources in the context of collaborative data processing within the dataspace.

These rules may be organizational, contractual, and technical.



The ethical RULEBOOK

Developing operational ethical rules → Moving from broad principles to action, to make projects ethical and thus build trust

+ 200 CO-CONSTRUCTED OPERATIONAL ETHICAL RULES
[CURRENTLY BEING TESTED]

SOCIAL IMPACT

ENVIRONMENTAL IMPACT

CYBERSECURITY

HUMAN CENTRIC

PERSONAL DATA

ALGORITHMS

EQUITABLE DISTRIBUTION OF VALUE CREATED

METHOD

- 1 Ekitia's ethical charter as a reference framework
- 2 Citizen workshops
- 3 Multi-stakeholder and multidisciplinary expert workshops

The legal RULEBOOK

Development of enforceable and verifiable legal rules → making collaborations and services compliant by design, facilitating compliance to accelerate innovation.

CORPUS OF OPERATIONAL LEGAL RULES [UNDER CONSTRUCTION]

GDPR

AI ACT

DGA

CODE PÉNAL

DMA

DATA ACT

CYBER RESILIENCE ACT

METHOD

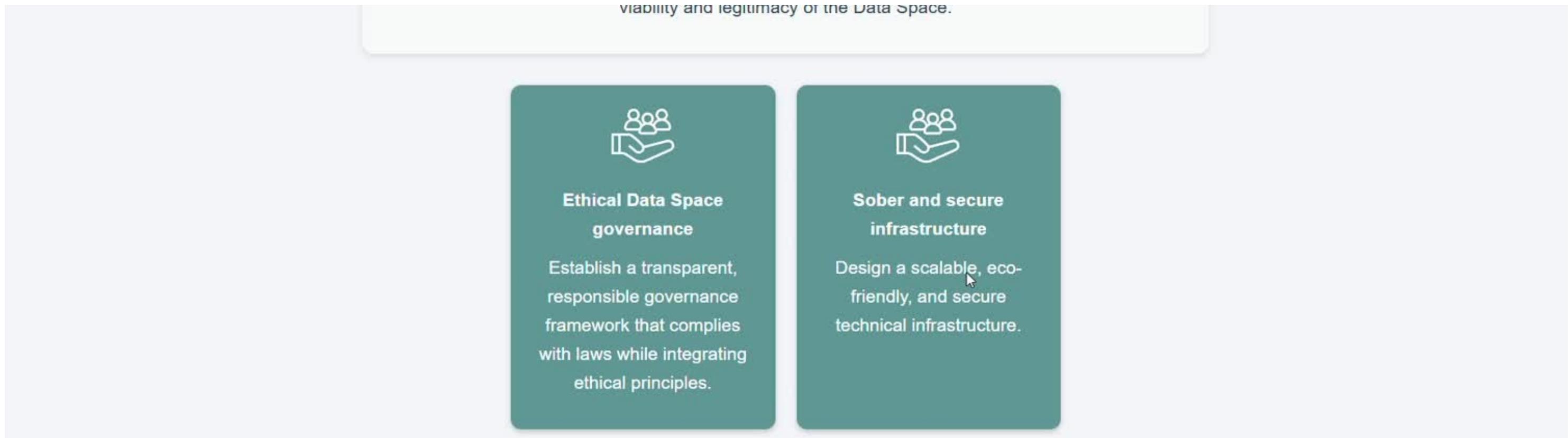
- 1 Mapping of the legal framework applicable to data processing
- 2 Extraction of relevant articles
- 3 Interpretation in the context of a data space
- 4 Translation into logical language

The Rulebook :

Rulebook

by **Ekitia**
Data et IA en pleine confiance

The Rulebook is a set of data governance rules that ensure compliance and ethics by design.



Level 2: Operational and Collaborative Pillars

This level focuses on the **operational mechanisms** that enable smooth, secure, and collaborative functioning of the Data Space.

