

*DIH4AI: collaborative schemes supporting  
the digital transformation and cutting-edge experimentation*



# **LBEST Service classification and cross-border collaboration scenarios**

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# L-BEST Service Portfolio

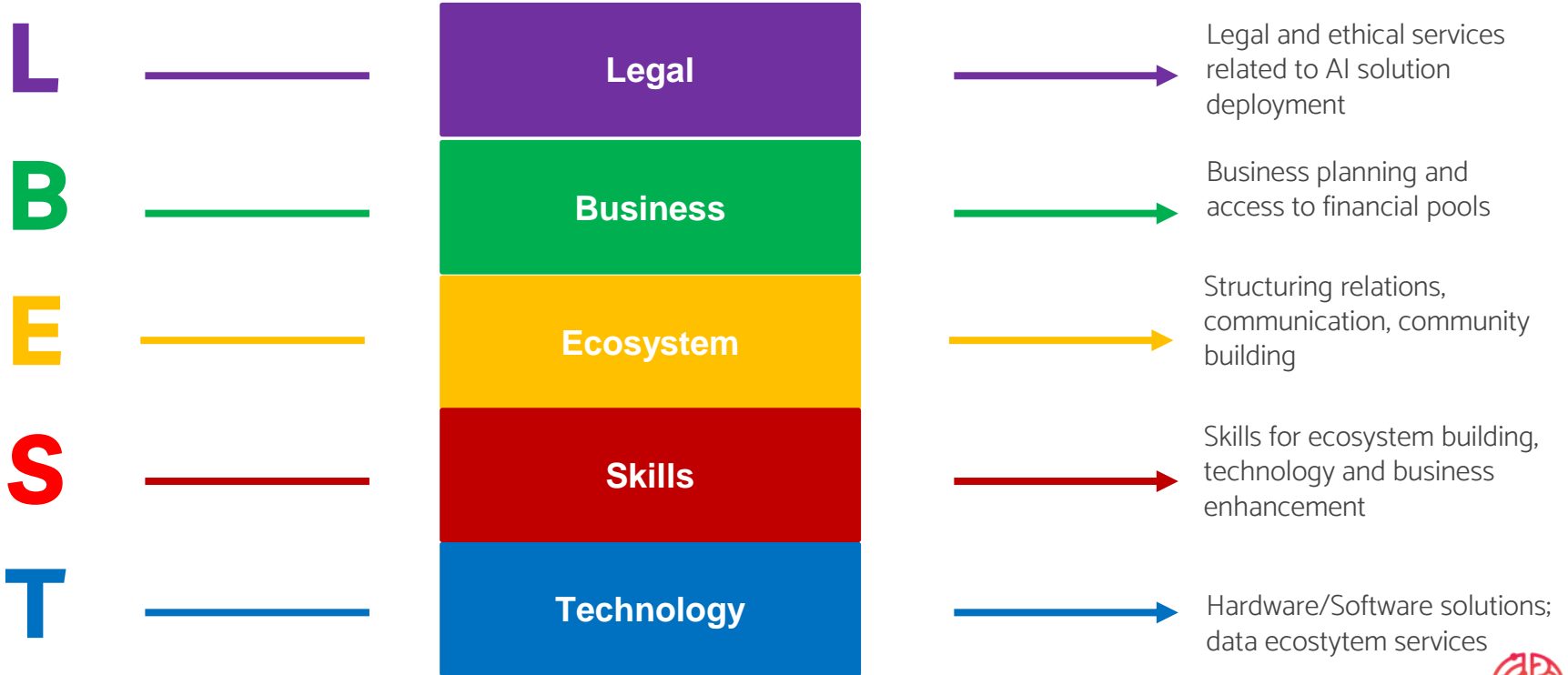
DIH4AI inherited, from AI REGIO project, the concept of Service Portfolio **3-levels taxonomy** for classifying the **AI DIH's services**.



The objective is to provide to DIHs a **standard framework** to describe their services according to a common taxonomy, also in the perspective of **collaboration opportunities**.



# L-BEST SERVICE PORTFOLIO – LEVEL 1



# L-BEST SERVICE PORTFOLIO – LEVEL 2

## L

### Legal

- LEGAL AND IPR ASSISTANCE
- ETHICAL AI ORGANISATIONAL SUPPORT
- ETHICAL AI LIFE CYCLE ASSISTANCE & ASSESSMENT

## B

### Business

- INCUBATION ACCELERATION SUPPORT
- ACCESS TO FINANCE
- OFFERING HOUSING
- BUSINESS TRAINING AND EDUCATION
- PROJECT DEVELOPMENT

## E

### Ecosystem

- COMMUNITY BUILDING
- DIH INNOVATION DEVELOPMENT
- ECOSYSTEM GOVERNANCE

## S

### Skills

- PROCESS & ORGANIZATIONAL MATURITY
- HUMAN CAPABILITY MATURITY
- SKILLS IMPROVEMENT

## T

### Technology

- IDEAS MANAGEMENT & MATERIALIZATION
- CONTRACT RESEARCH
- PROVISION OF INFRASTRUCTURE
- TECHNICAL SUPPORT ON SCALE UP
- VERIFICATION AND VALIDATION
- DATA MANAGEMENT

# L-BEST SERVICE PORTFOLIO – LEVEL 3 (Ecosystem)

Example: the “E” of Ecosystem

**E**

**Ecosystem**

- COMMUNITY BUILDING
- DIH INNOVATION DEVELOPMENT
- ECOSYSTEM GOVERNANCE

CLASS	TYPE	SERVICE
ECOSYSTEM BUILDING	Community building	SME and People Engagement
		Brokerage, Awards, Challenges
		Technology scouting
		Communication
	DIH Innovation	Trend watching
		Visioning and strategy development
	Ecosystem Governance	Services Impact assessment
		Ecosystem strategy management

LEVEL 1: class of service (LBEST)

LEVEL 2: type of service

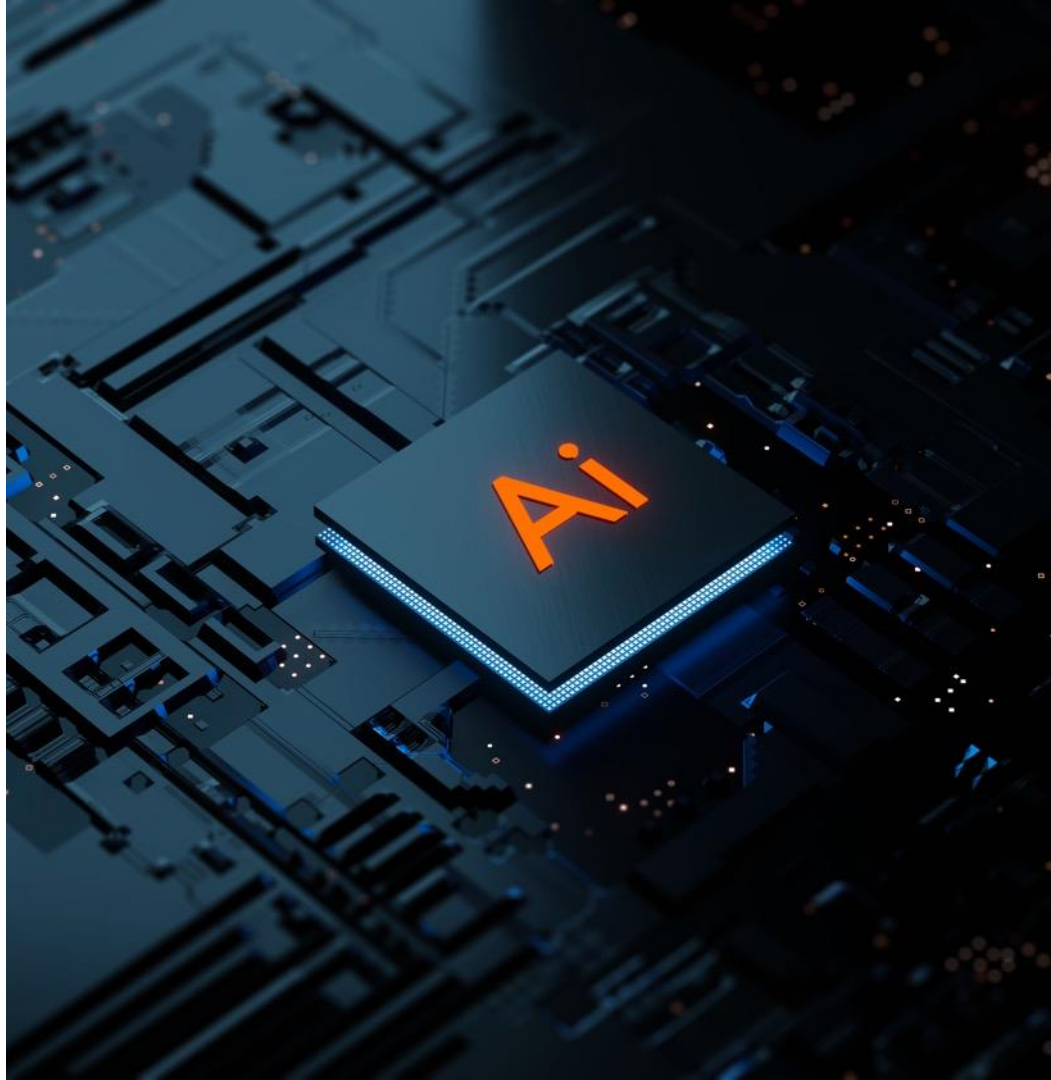
LEVEL 3: the service

Spanning over the 5 classes, more than 60 services are classified!

# DIH4AI methodological framework for DIH collaboration

DIH4AI inherited, from AI DIH Network project, a methodological framework for DIH collaboration, which identifies **three benchmark cooperation scenarios**.

The identified scenarios will be framing the Cross-border **experimentations for the DIH4AI platform and methodology**.

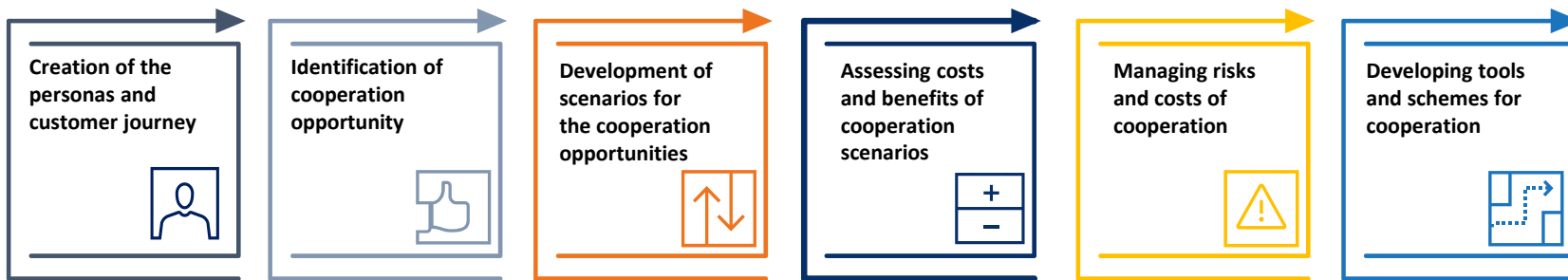


# Methodological framework for DIH collaboration

This methodology was developed in the **AI DIH Network**



initiative and promoted by the European Commission.



## USER PERSPECTIVE

DIHs service offerings are analysed from a user perspective to identify situations in which **cross-border collaboration** could deliver **tangible benefits** to the DIHs and other stakeholders

## CUSTOMER JOURNEY MAPPING

This methodology aims to represent the specific activities of the DIHs during the service delivery and the opportunities to improve through cooperation. This approach leads to the **identification of different 'cooperation use-cases'**.

## COOPERATION SCENARIOS

Identified 'cooperation use-cases' and the described methodology represents **the basis for DIH4AI experimentations** and will facilitate the wider use and uptake of AI-on-demand-platform.



# Cross-DIHs collaboration scenarios



## 1) Joint provision of complex services



- **Partnership to provide services jointly**, pulling together existing resources, to enable DIHs to respond to a client's request leveraging on the capabilities and infrastructure available in the network

*e.g. a multi-disciplinary Summer School, a cross-regional investors' matchmaking event*

## 2) Joint development of collaborative services



- Design, develop and provision of **innovative new services** to widen the DIH offering to the ecosystem. This is based on cooperation with other DIHs in Europe that face similar challenges and needs.

*e.g. a new AI Digital Maturity Assessment method; a new Skills and Competencies framework for AI.*

## 3) Joint matchmaking of complementary competencies



- **Matchmaking** to enable DIHs to provide **new opportunities to the ecosystem**, creating connections with players operating in other regions

*e.g. AI startup looking for new customers outside its region; a user SMEs looking for AI solutions in predictive maintenance; a hospital looking for other hospitals to share experiences in digitalization*

# Cross-DIH collaboration scenarios Experimentations

## AI DIH Summer School

Munich, Saxony-Anhalt and Prague DIHs foresee the joint provision of an **AI Summer School** putting together their complementary expertise in Artificial Intelligence and related sub-disciplines and techniques. Other Regional DIHs could join the initiative.

The role of the **DIH4AI Platform**, connected to the AI4EU platform, will be to provide access to relevant research documents useful for preparing the materials to be shared and distributed with participants in the Summer School.



## AI Business Plan Assessment

The Prague DIH, in collaboration with Saxony-Anhalt and South Netherlands, will develop a methodology to the potential adopters of new AI-based technologies to **assess** their **innovation business plans**. Such assessments will be necessary not only for the innovating companies themselves but also for their potential investors such as banks and venture capitalists. The solution will be **available on the DIH4AI platform** and will be **used as a decision support system**. It will provide early feedback to a potential innovator that the intended business plan is aligned with its technology readiness level.

# DIH4AI Ecosystem Service Portfolio

The five DIH4AI DIHs classified their Service Portfolio according to the LBEST taxonomy.



Both AS-IS and TO-BE services are classified, that is both current services and new ones to be implemented within the project

## DIH4AI Online Portal

The screenshot displays the DIH4AI Online Portal interface. At the top, there is a navigation bar with the DIH4AI logo on the left and links for 'Home', 'DIH4AI Network', and 'Services Map' on the right. Below the navigation bar, the main content area is titled 'LBEST'. A dropdown menu labeled 'DIH' is set to 'Selected All'. Below this, five service categories are presented in colored boxes with corresponding icons: 'Legal & Ethics Services' (blue), 'Business Services' (green), 'Ecosystem Services' (yellow), 'Skill Services' (red), and 'Technology Services' (dark grey). A search bar is located at the bottom of the main content area.

# LBEST CLASSIFICATION FOR NEW CROSS BORDER SERVICES

TYPE OF COLLABORATION	LEVEL 1	LEVEL 2	# CROSS REGIONAL
JOINT DEVELOPMENT	LEGAL	Ethical AI life cycle assistance & assessment	1
	BUSINESS	Incubation acceleration support	1
	ECOSYSTEM	Community building	1
	SKILLS	Skills Improvement	1
	TECHNOLOGY	Technical support on scale up	1
JOINT PROVISION	ECOSYSTEM	Community building	1
	SKILLS	Skills Improvement	2
	TECHNOLOGY	Provision of Infrastructure	1
JOINT MATCHMAKING	ECOSYSTEM	Community building	1
	SKILLS	Skills Improvement	1

# THANKS

Follow the project updates

