

Launch Event: showcasing the future of innovation in AI, Data, and Robotics

22nd February 2024

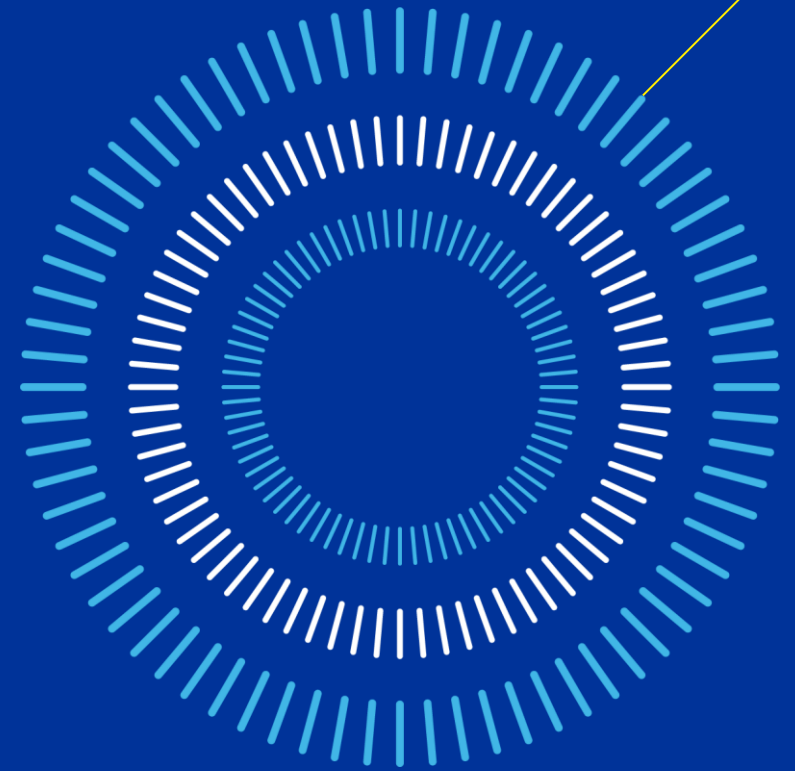
AI4Europe project presentation

University College Cork (UCC)

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Funded by
the European Union



AI4EUROPE

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Introduction to AI4Europe

Call: HORIZON-CL4-2021-HUMAN-01-02

Duration: 42 months (1 July 2022 - 31 December 2025)

Type of Action: Horizon CSA

Project ID: 101070000



Main objective

To support and facilitate a **sustainable digital platform (AloD)** and experimentation environment through the creation of open research channels and mechanisms that foster the European AI research ecosystem, academic and industrial, and that maximizes the academic, social, and industrial impact while it seamlessly integrates other projects, platforms, and solutions.

<https://ai4europe.aiod.eu/>



Introduction to AI4Europe

Specific objectives

Sustainability	Technical Development	Collaboration
<p>S-1. Ensure <u>platform support from the research community</u> fostering a cooperative and transparent Governance model open to contribution from all stakeholders to address their real needs.</p>	<p>R-1. Advance the Platform as an <u>open distributed tool</u> that can be extended by the community with new services / tools and ensure interoperability with (and customizable to support) other EU platforms focused on AI research</p>	<p>C-1. Foster the <u>AI uptake in European research community, industry, and society at large</u> by mobilizing and enriching efforts in AI education, upskilling and reskilling in Europe.</p>
<p>S-2. Design and execute a <u>business sustainability plan</u> that supports and ensures the long-term viability of technical, financial, and legal features of the AI on-demand platform.</p>	<p>R-2. Enhance the <u>accessibility and usability</u> of the excellence science of Europe's AI research community, and to ensure standard, secure, and executable reusable research assets.</p>	<p>C-2. Enhance access, <u>sharing, training and mobility</u> for all European nations, ecosystems, and communities, with special attention on AI Juniors scholars, facilitating cooperation and matchmaking.</p>
<p>S-3. <u>Integrate hardware resource provisioning</u> into the platform to provide underlying computation resources, establishing it as a place to do AI research.</p>	<p>R-3. Embed tools and mechanisms to facilitate the development and use of <u>Trustworthy AI</u> aligned with policy and regulatory developments in Europe.</p>	<p>C-3. Ensure <u>cooperation with the AI, Data and Robotics PPP and Digital Europe related topics</u>, to support them and ensure impact of the AI on-demand platform.</p>

Background - the journey

Together with ICT48s, ICT49s, ADRA-e, Pre-PAI, DeployAI, 40 CL4 projects (launched in 2022), new batch of 50+ projects, and more to come



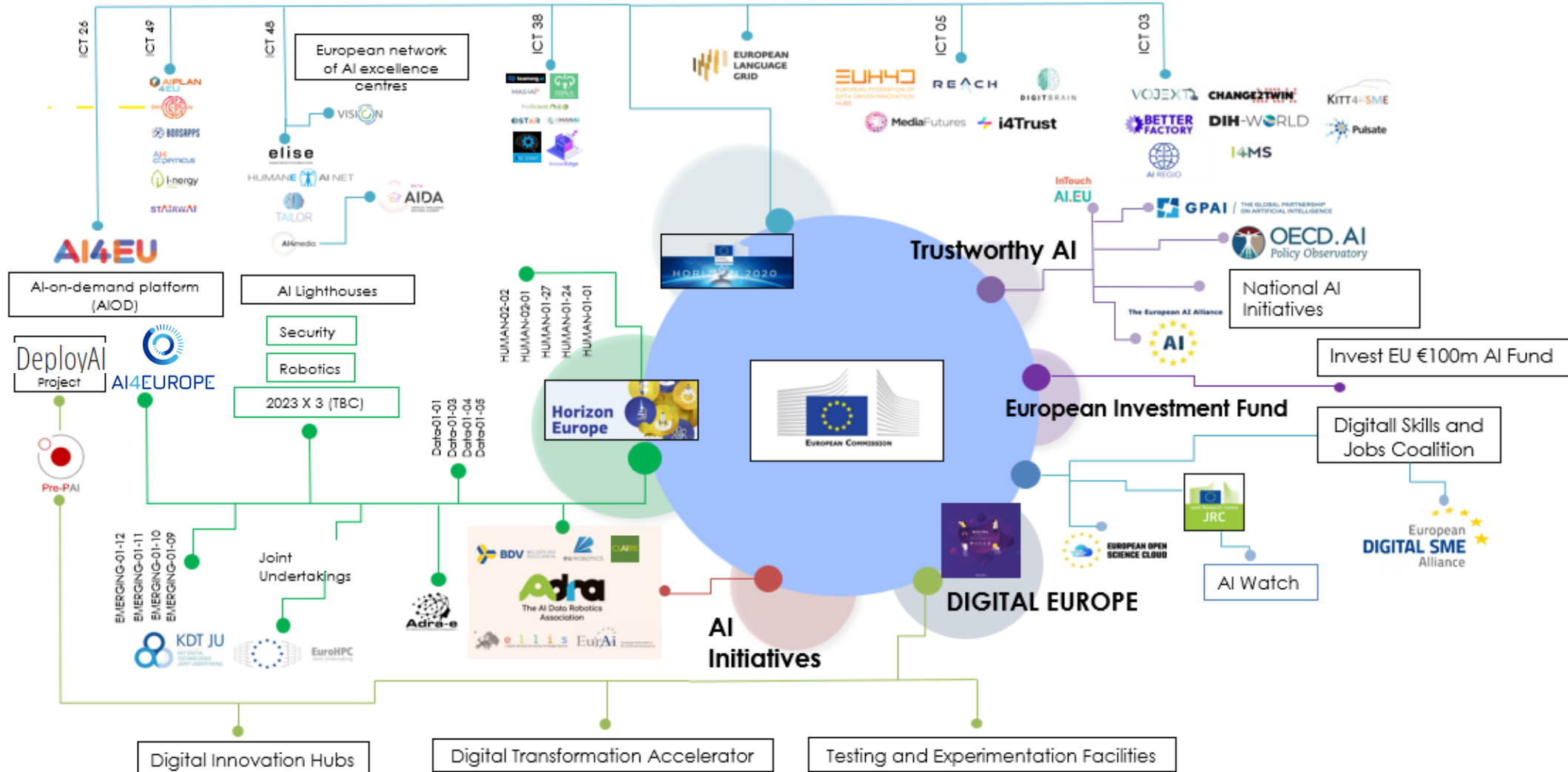
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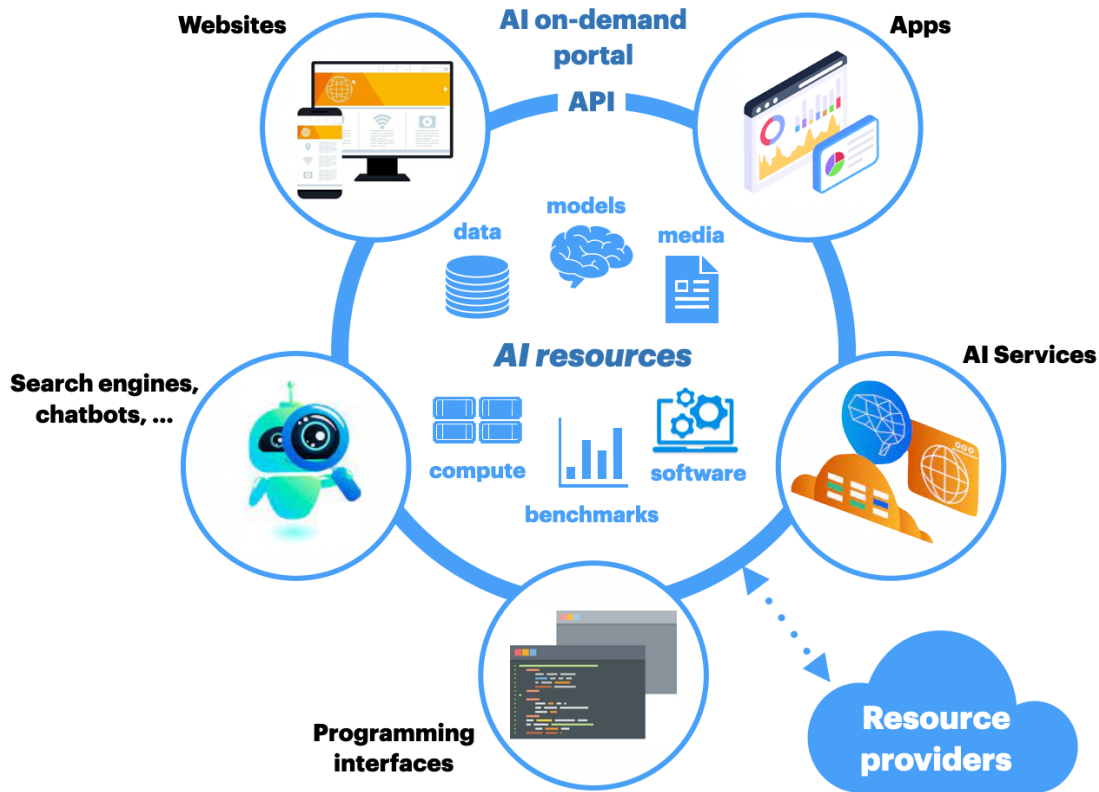
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December 2023



Background - AI4Europe in the AI landscape



AI4Europe & AloD - what exactly is the AloD platform?



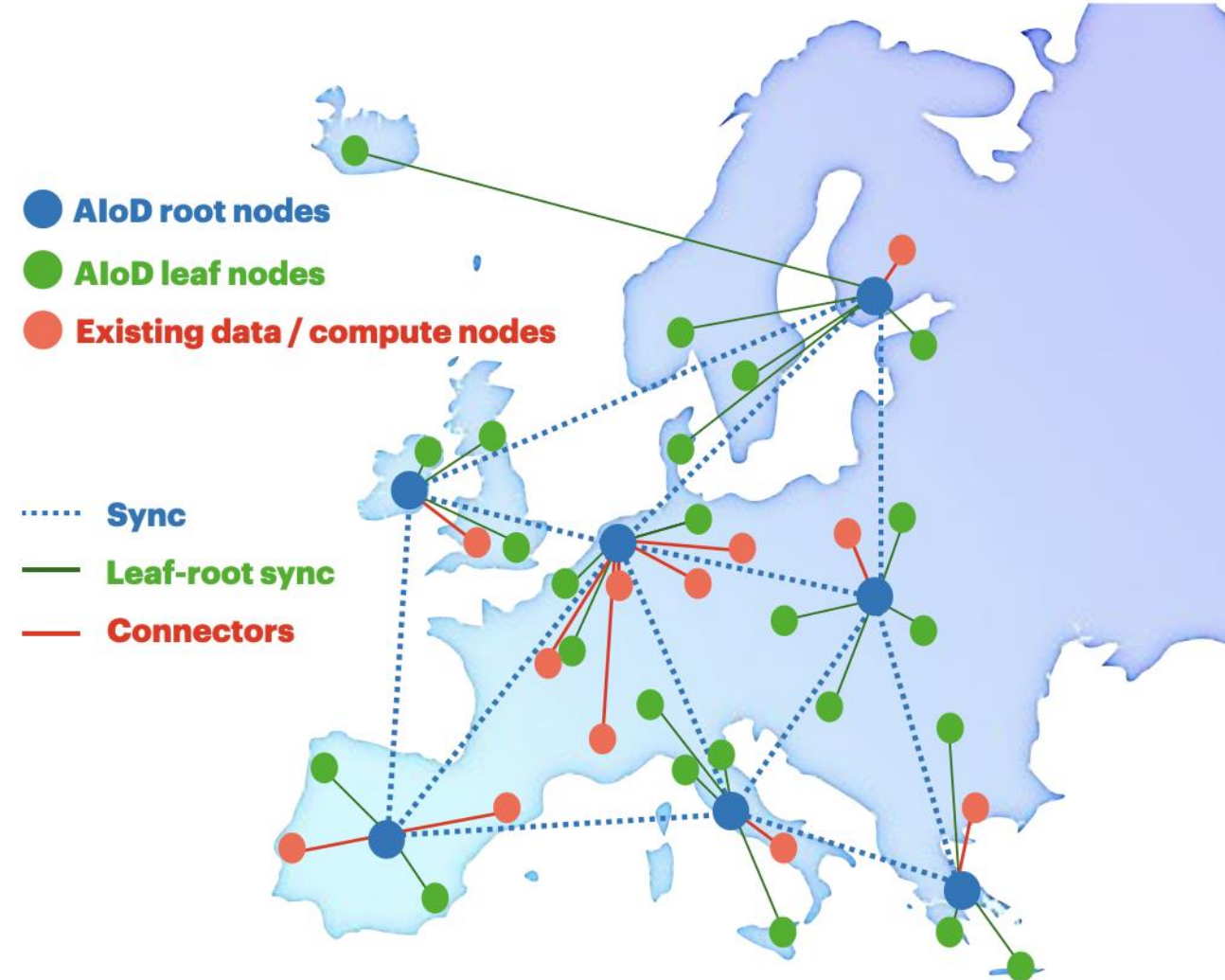
“AloD is an AI-POWERED platform that provides an environment to instantiate platforms with a common API that enables:

- Sharing of research knowledge
- Access to existing research
- Provision of an environment to construct and use cutting edge new services

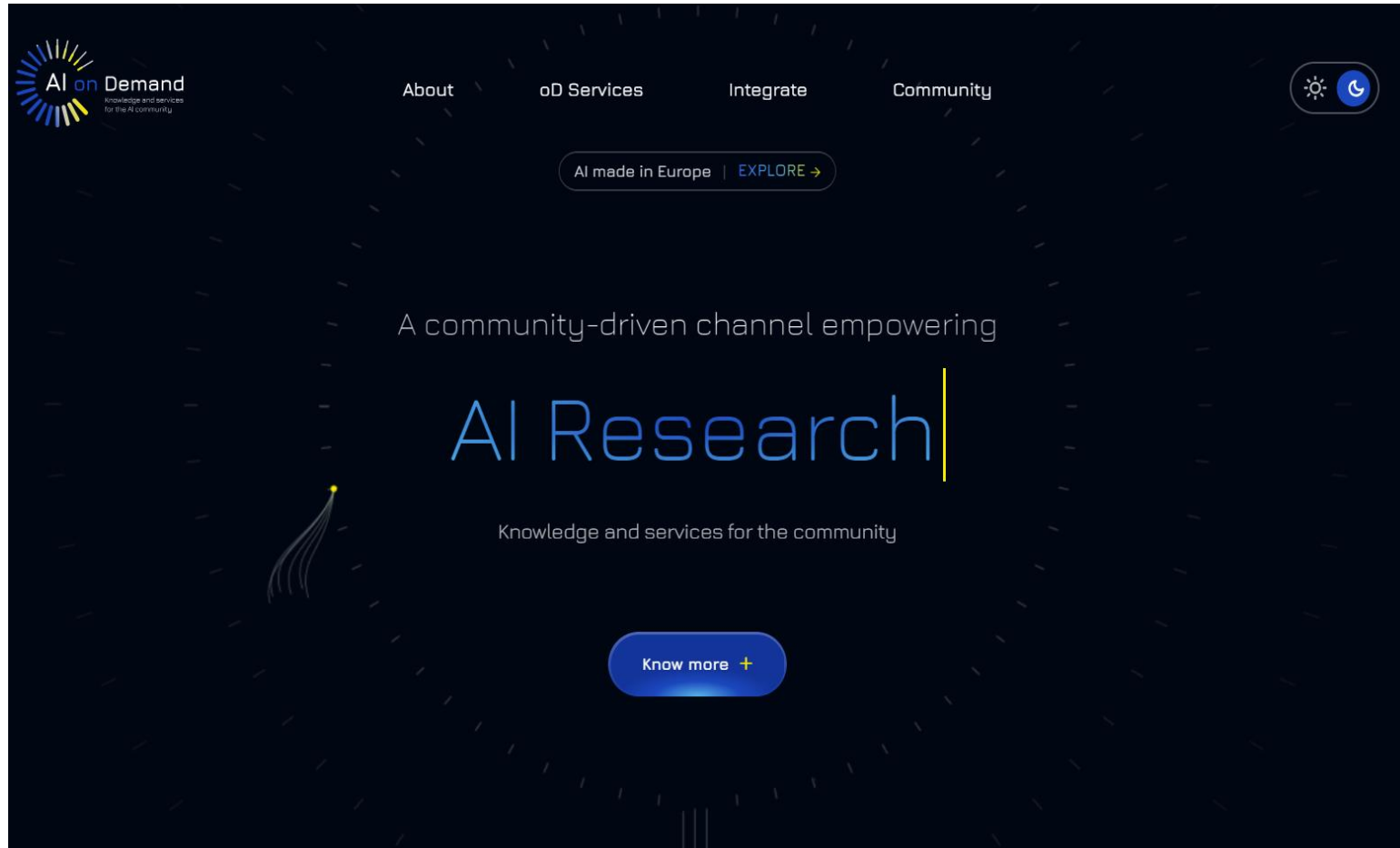
AI4Europe & AloD - what exactly is the AloD platform?

What does the platform do?

- The **platform showcases the state-of-the-art science** developed by leading AI research centres and laboratories, tackling topics including Human-centred AI, Explainable AI, AI for Good etc.
- The **trustworthiness of resources and the ethical design of AI tools** is embedded within the platform's publication process, providing an **ecosystem of trust** within which public bodies and companies can uptake the assets produced by researchers.



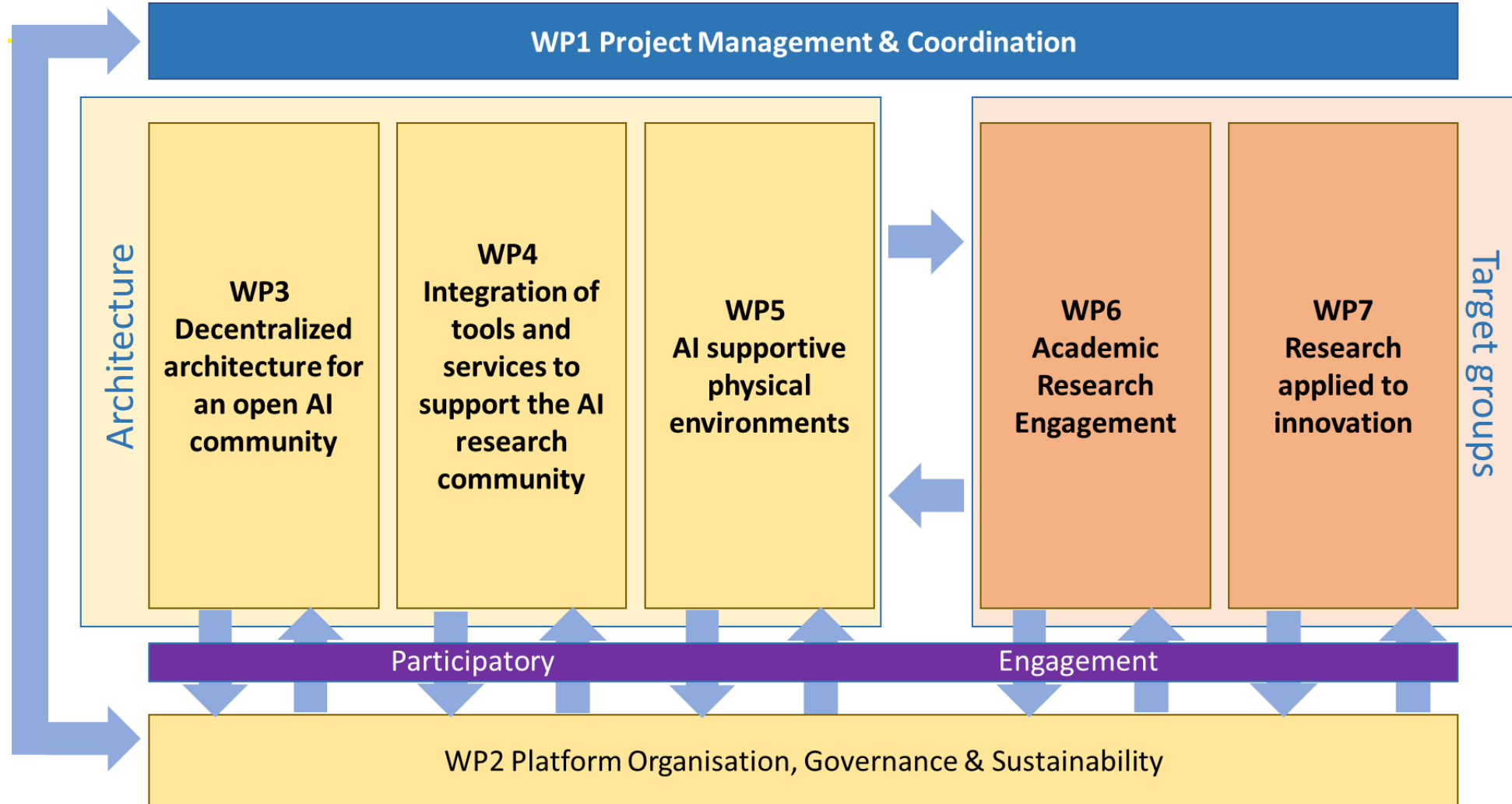
AI4Europe & AIoD - what exactly is the AIoD platform?



<https://aiod.eu/>

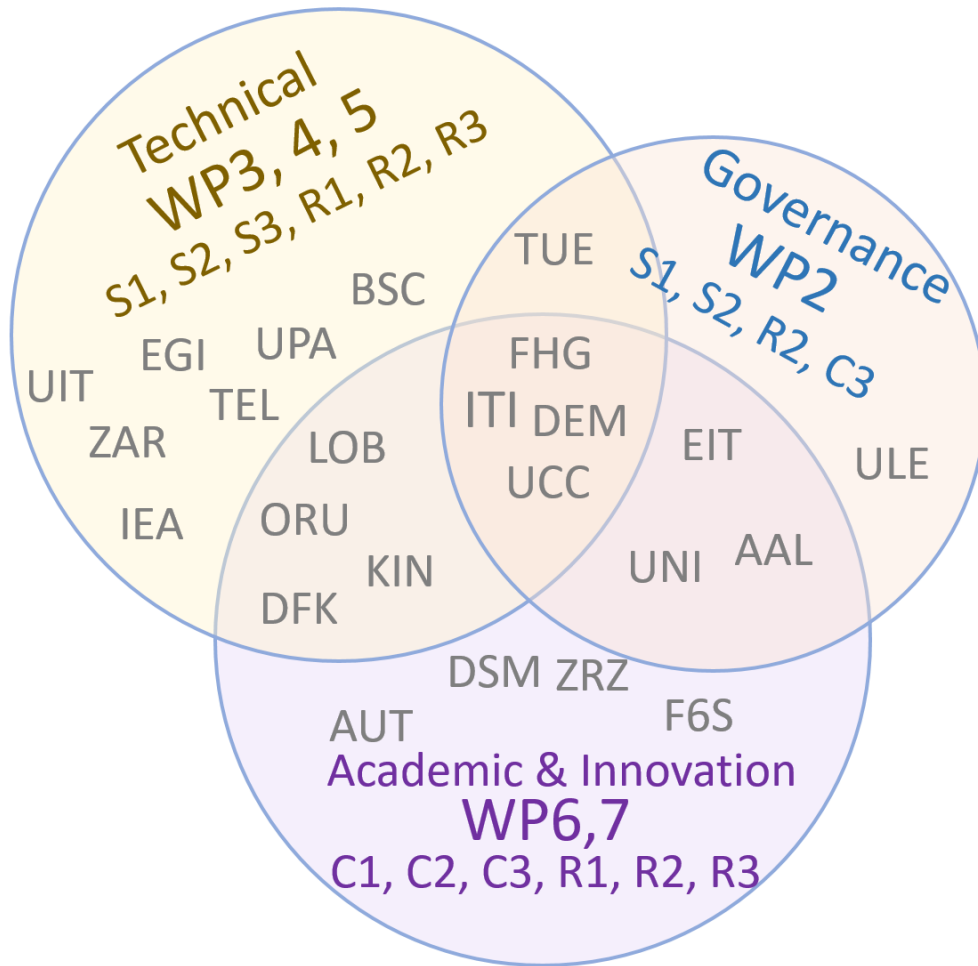


AI4Europe work packages

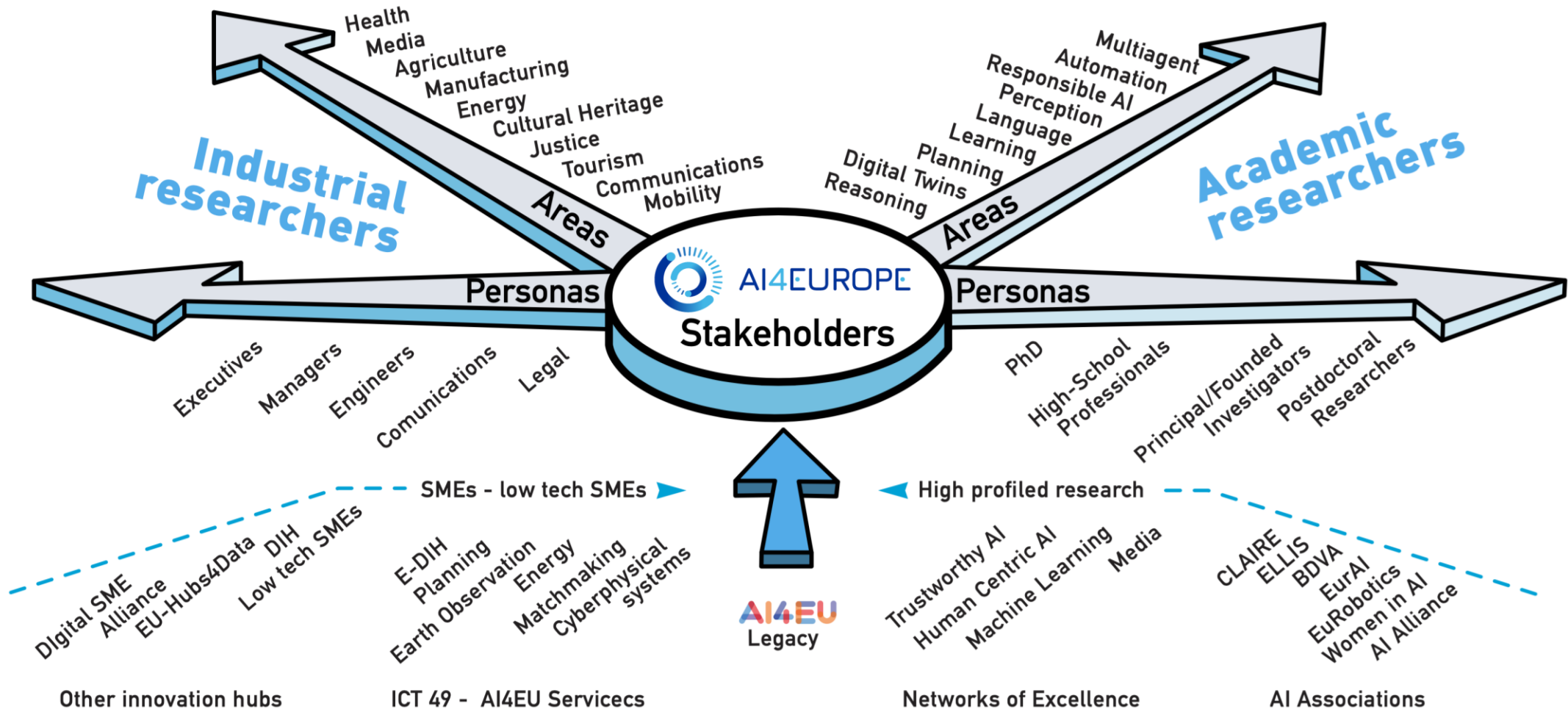


AI4Europe consortium

- 24 partners
- 15 EU countries represented



AI4Europe stakeholders



Thank you!

