



MISSION AND VISION STATEMENT

The AI, Data and Robotics (ADR) partnership brings together industry, academia and the European Commission to pursue innovative solutions on a large scale, pooling efforts, resources and investments to generate long-term positive impact, boost European competitiveness and technological sovereignty, as well as create jobs and growth.

The general objectives of the co-programmed European Partnership are:

- secure European's sovereignty over AI, data and robotics technologies and know how (position and control perspective dimension);
- establish European leadership in AI, data and robotics technologies with high environmental, social and economic impact (with focus on technology and innovation dimensions);
- reinforce Europe's strong and global competitive position in AI, data and robotics (market dimension).

The partnership will boost Europe's competitiveness, societal well-being and environmental leadership, as leading the world in researching, developing and deploying value-driven trustworthy AI, data and robotics based on European fundamental rights, principles and values.

KEY FACTS AND FIGURES

Horizon Europe Pillar and Cluster: Pillar II – Cluster 4: Digital, industry and space

Type of partnership: Co-programmed

Coordinating entity: The private members of the partnership are represented by the AI, Data and Robotics Association asbl (Adra)

Total estimated budget: EUR 2.6 bn

EU commitments: EUR 1.3 bn

Partners' commitments: Up to EUR 1.3 bn

Predecessor under Horizon 2020: The partnership builds on the successes of two contractual PPPs on Big Data Value and Robotics, expanding to the whole AI community

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PARTNERSHIP SPECIFIC IMPACT PATHWAY (PSIP)

Not available

PARTNERSHIP'S KEY PERFORMANCE INDICATORS

Data not available

KPI NAME	UNIT OF MEASUREMENT	BASELINE	TARGET 2023	TARGET 2025	TARGET 2027	AMBITION >2027
RESOURCES (INPUT), PROCESSES AND ACTIVITIES						
OUTCOMES						
IMPACTS						

Adra was founded in May 2021 by five renowned associations that joined forces to lay the foundation of an effective European AI, data and robotics ecosystem. Since December 2021 Adra has been in the process of recruiting new members, to allow the general assembly to elect its first board of directors and become fully operational. To ensure a wider balance and representation beyond the five founding associations, definition of the formal KPIs has been deferred to the elected board and will be featured in the next report.



SYNERGIES WITH OTHER EUROPEAN AND NATIONAL INITIATIVES

SYNERGIES WITH OTHER HORIZON EUROPE PARTNERSHIPS

Advanced AI, data and robotics are essential technologies that are increasingly deployed as core components for many applications and solutions across a variety of vertical market sectors. In this respect, they have the potential to generate many socio-economic opportunities, and are key to help solving some of the critical challenges the world faces. Adra is engaging with other partnerships and missions through its 18 directors, who are all associated to at least one partnership or mission. Through its members the ADR partnership is eager to engage with other Horizon Europe partnerships that oftentimes represent the user-side of the technology components developed in the ADR partnership.

SYNERGIES WITH OTHER EU FUNDING INSTRUMENTS

Adra is anchored in European R&I in AI, data and robotics technology. Yet, especially in AI, data and robotics this is a highly dynamic eco-system that includes technology providers, technology users, fundamental research, applied research, large industry, SMEs, start-ups, scale-ups, deep-tech, regions, Member States etc. In particular we intend to develop synergies with the Digital Europe Programme (DEP), and the European Recovery and Resilience Facility.

SYNERGIES BETWEEN DIFFERENT TYPES OF STAKEHOLDERS

AI, data and robotics affects nearly all industry sectors, and has a profound impact on modern society and individual citizens. The enormous and highly dynamic European AI, data and robotics ecosystem is also being inherently complex due to its holistic nature. Many stakeholders, including industry, research, and policymakers at the European and national levels, operate from diverse historic backgrounds. However, to be effective and efficient at the European and global levels, an all-inclusive collaboration is required in technology education, in matching technology with needs, for fair and feasible regulation, and for international technology standardisation. The scale and the inherent complexity make it difficult to impose a one-size-fits-all approach. For the partnership to overcome the heterogeneity, there is a strong need for support and coordination to create a unified community around ADR topics beyond that achieved by each single domain.

OVERVIEW OF MEMBERS

Data not available