FIRST WAVE OF HORIZON EUROPE PROJECTS IN ROBOTICS & AI 2022

LAUNCH EVENT

Cécile Huet, PhD
Head of Unit
Robotics & AI Excellence and Innovation
DG Connect - European Commission
• **WHO WE ARE**
• **OUR MISSION: ECOSYSTEM OF EXCELLENCE**
• **NEW PROJECTS IN THE ECOSYSTEM OF EXCELLENCE**
• **OPPORTUNITIES FOR THE PROJECTS & FOR THE WHOLE COMMUNITY**
• **REQUIREMENTS & CONTRACTUAL OBLIGATIONS**
Who we are
Who we are
CNECT-A1 Team
Robotics and Artificial Intelligence Innovation & Excellence

Cecile Huet Head of Unit
David Dowey Deputy Head of Unit
Evangelia Markidou Head of Sector

Mariusz Baldyga
Olivier Da Costa
Cem Gulec
Eren Gultekin
Jan Huckmann
Filibe Jones-Mourao
Antonio Puente-Rodero
Miguel-Angel Rubio-Escudero
David Zunel-Ballester

Programme/Policy Officers

Adriana Bini
Vanessa Paton
Luna Salazar-Gadea
Kristine Sproge
Ivana Zeppa

Financial Officers & Admin Support
Our Unit’s mission:

Develop **ECOSYSTEM OF EXCELLENCE IN AI**

- **EXCELLENCE**, from research to adoption
- **AI** ➔ AI, Data and Robotics

Rich landscape

- Multidisciplinary, Multi-stakeholders
Ecosystem of Excellence in AI: From the Lab To the Market
New HE projects starting up in 2022

- **AI, DATA AND ROBOTICS PARTNERSHIP CSA - Adra-e**
- **AI ON DEMAND CSA - AI4Europe**
- **NETWORK OF EXCELLENCE (NOE) IN ROBOTICS - euROBIN**
- **NETWORK OF EXCELLENCE (NOE) IN SAFE AND SECURE AI - ELSA**
- **AI, DATA & ROBOTICS FOR THE GREEN DEAL**
- **PUSHING THE LIMIT OF ROBOTICS COGNITION**
- **TRUSTWORTHY AI: ROBUST/TRANSPARENT/ENERGY EFFICIENT**
- **TACKLING BIASES IN AI**

42 new projects!
Presented in the Pitches Today & Brochure
Ecosystem of Excellence in AI: From the Lab To the Market

OPPORTUNITIES FOR THE COMMUNITY
STRENGTHEN RESEARCH, INNOVATION AND DEPLOYMENT
PPP ON AI, DATA AND ROBOTICS

Mobilise the community
Define
Invest
Implement

Strategy for Research, Development, Innovation and Deployment (SRiDA)

BE PART OF IT!
Become an active member of Adra

https://ai-data-robotics-partnership.eu/
https://adr-association.eu/
Ecosystem of Excellence in AI: From the Lab To the Market

OPPORTUNITIES FOR THE COMMUNITY
AIoD Core objectives

- **Public Community Resource: EU Shared Repository of AI Knowledge/Tools/Assets**
- **Avoid Fragmentation in Europe**
- **Support to European R&D (Develop/Compare/Measure Progress)**
- **Foster Innovation and Tech Transfer**
HORIZON EUROPE: EUROPEAN COORDINATION, AWARENESS, STANDARDISATION & ADOPTION OF TRUSTWORTHY EUROPEAN AI, DATA AND ROBOTICS (CSA)

PPP on AI, Data and Robotics
Coordination / Networking
Adoption
Outreach / Awareness
Procurement
Standardisation

ADRAe

AI4Europe

AI-on-Demand Platform
Ecosystem of Excellence in AI: From the Lab To the Market

OPPORTUNITIES FOR THE COMMUNITY
The Networks of Excellence centres

- Make Europe a research powerhouse for AI
- Increase Europe's attractiveness for scientists
- Ensure Europe's leadership in key strategic research topics
- Strengthen the AI-on-Demand platform with algorithms, tools

👉 BRING ALL EUROPEAN TEAMS TO THE HIGHEST LEVEL OF EXCELLENCE
Requirements to all projects (call Text)

- DEMONSTRATE PROGRESS

- Allocate tasks to cohesion activities with the PPP & two CSAs Adra-e and AI4Europe

  ➔ Develop a strong Ecosystem of Excellence

  ➔ Visibility/Impact (e.g.: ADR Project Exhibition)

  ➔ Full use should be made of the common resources available in the AI-on-Demand platform

  ➔ Communicable results should be delivered on the platform
    - Sharing of results and best practice
## Contractual Obligations

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<thead>
<tr>
<th>Communication</th>
<th>Dissemination</th>
<th>Exploitation</th>
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<tr>
<td><strong>Objective</strong></td>
<td><strong>Focus</strong></td>
<td><strong>Target Audience</strong></td>
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<td>Reach out to society and show the impact and benefits of EU-funded R&amp;I activities, e.g. by addressing and providing possible solutions to fundamental societal challenges.</td>
<td>Transfer knowledge &amp; results with the aim to enable others to use and take up results, thus maximising the impact of EU-funded research.</td>
<td>Effectively use project results through scientific, economic, political or societal exploitation routes aiming to turn R&amp;I actions into concrete value and impact for society.</td>
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<tr>
<td>Inform about and promote the project AND its results/success.</td>
<td>Describe and ensure results available for others to USE focus on results only!</td>
<td>Make concrete use of research results (not restricted to commercial use.)</td>
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<td>Multiple audiences beyond the project’s own community incl. media and the broad public.</td>
<td>Audiences that may take an interest in the potential USE of the results (e.g. scientific community, industrial partner, policymakers).</td>
<td>People/organisations including project partners themselves that make concrete use of the project results, as well as user groups outside the project.</td>
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Thank you
Looking forward to accompanying you in your success