Mapping AI-Data-Robotics Ecosystem

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ADRA-e

*The overall objectives of Adra-e are to support the ADR Partnership in the **update and implementation of the SRIDA** and create the conditions for a sustainable, effective, multi-layered, comprehensive, and coherent **European AI, Data and Robotics ecosystem**.*
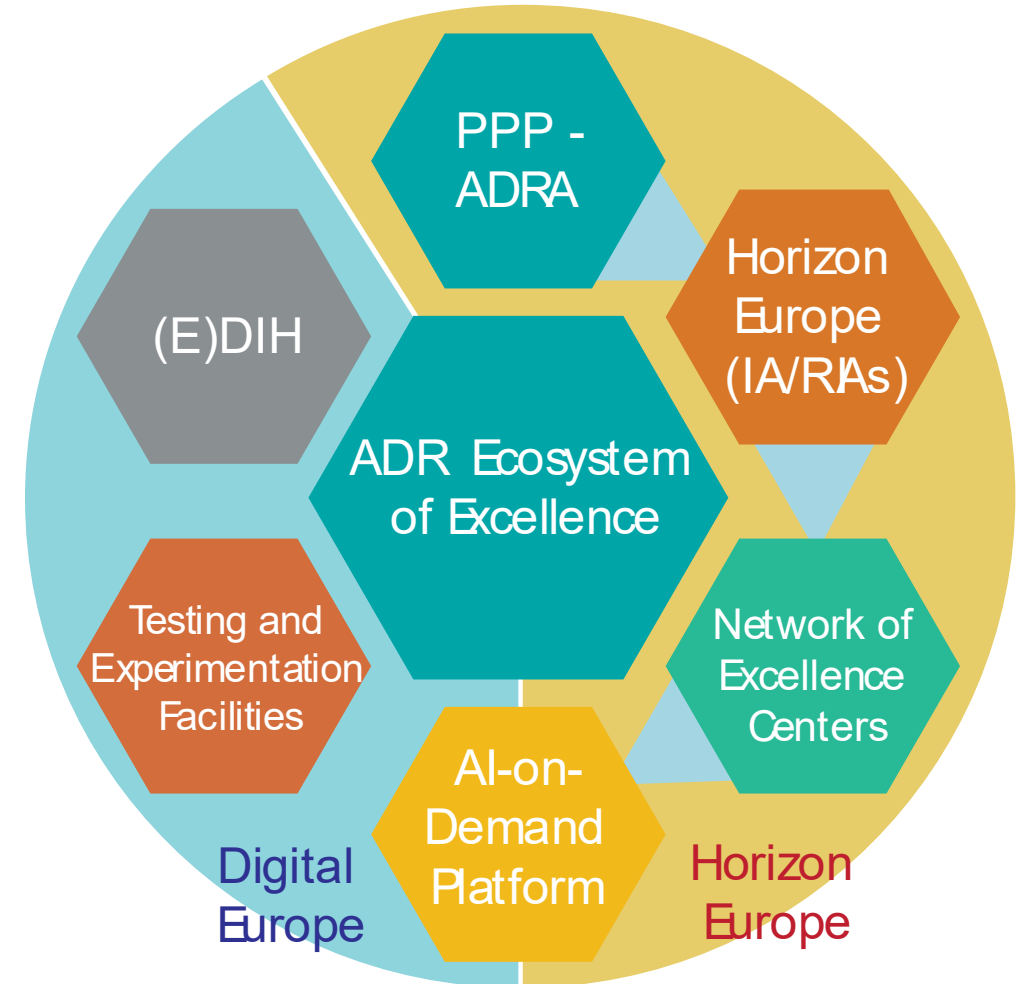
Task 2.1

Mapping and overview on major European and national initiatives in the field of AI, Data, Robotics
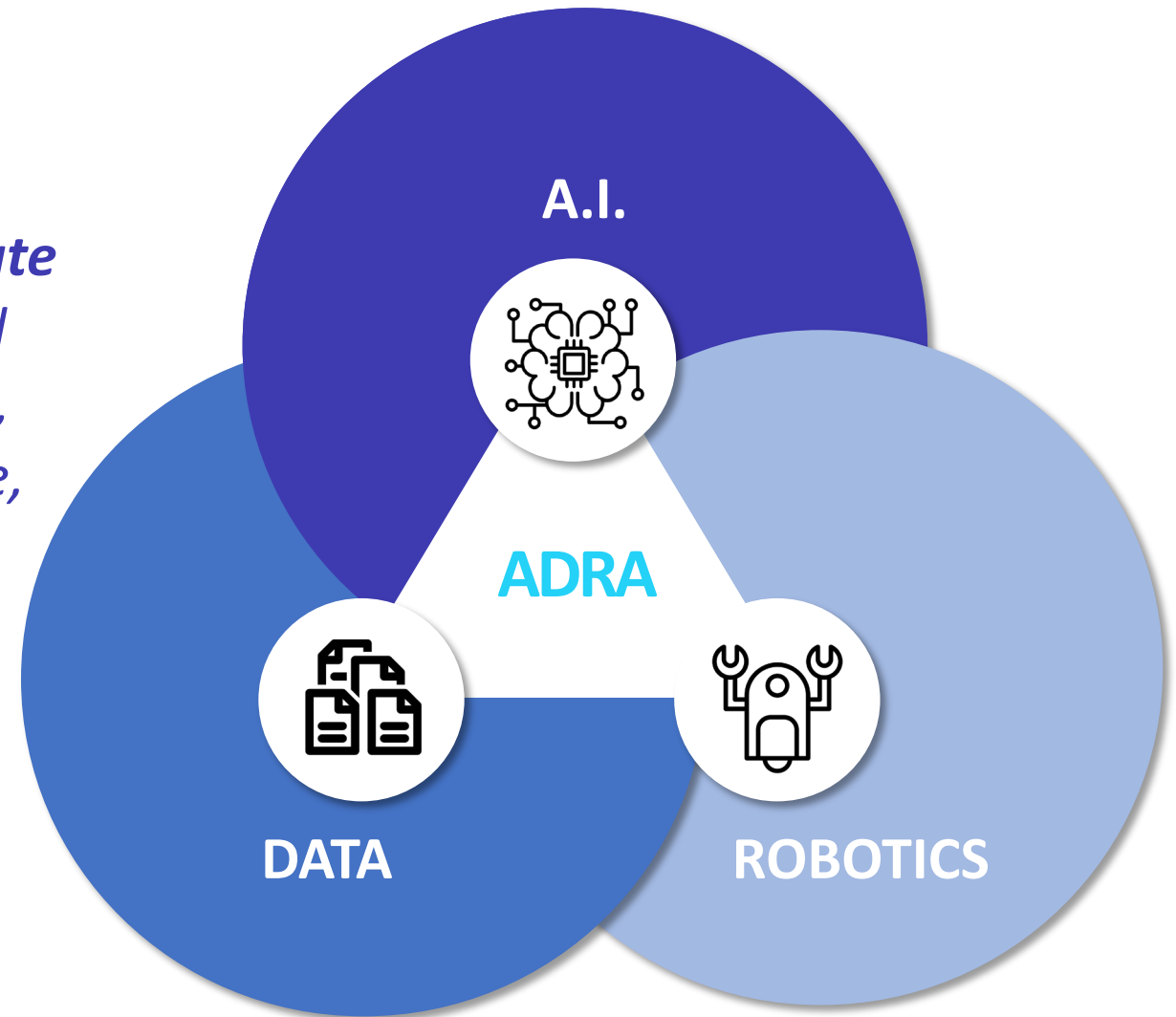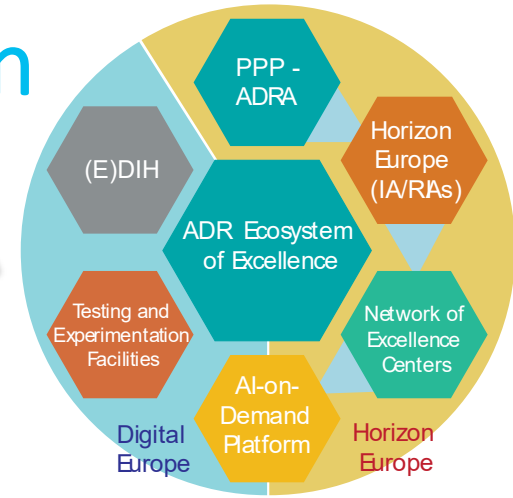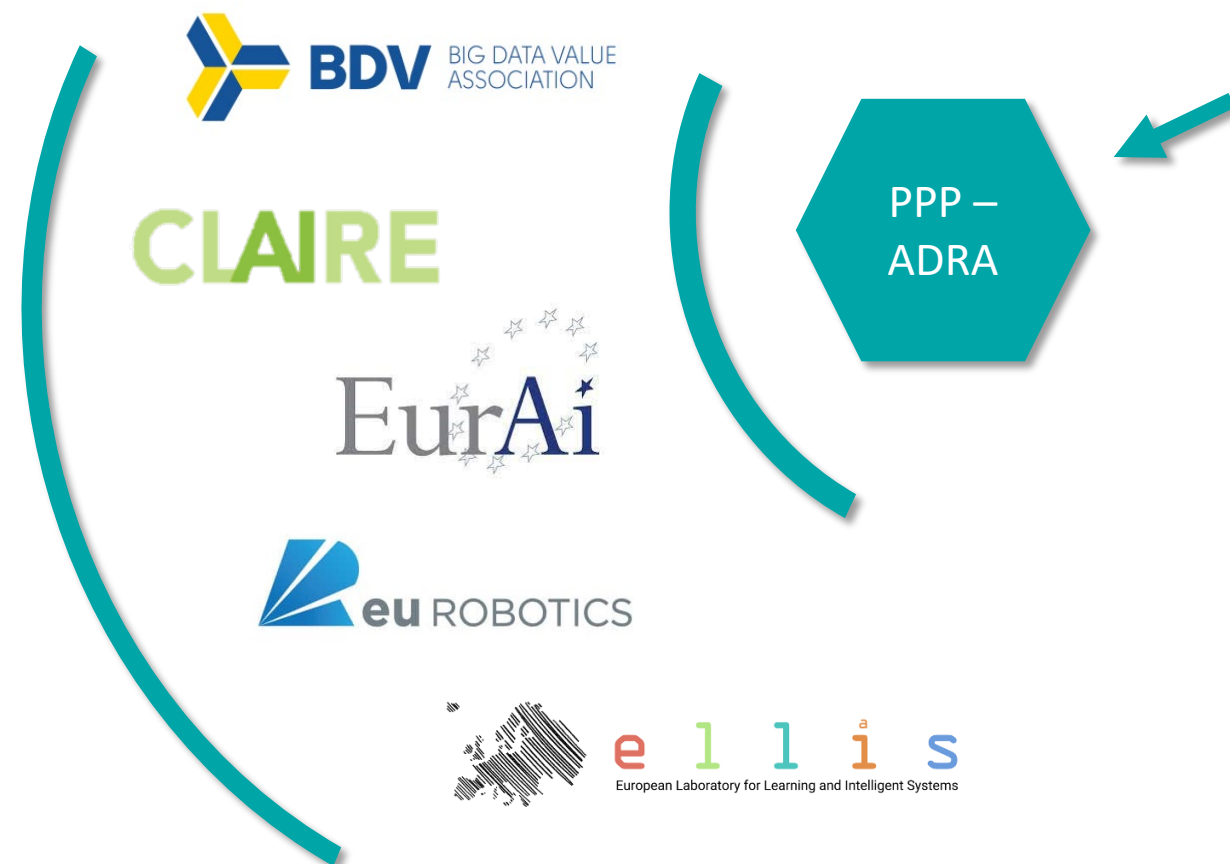
ADR Ecosystem of Excellence-in-ADR-Innovation

➤ Start with a pragmatic approach

➤ Focus on AI, data and robotics

➤ From low to higher TRL
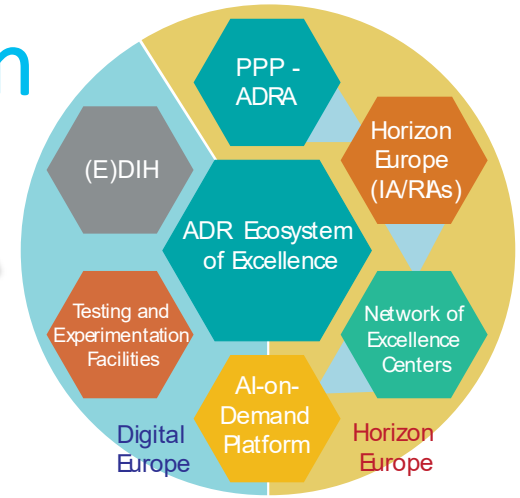
ADR Ecosystem of Excellence-in-ADR-Innovation

CLAIRE

› Tech domain: AI

› Research / Innovation

› Many application domains

› Academia, Industry

› https://claire-ai.org

› Contact person: …

› …

BDV BIG DATA VALUE ASSOCIATION

CLAIRE

EurAi

eu ROBOTICS

ellis
European Laboratory for Learning and Intelligent Systems

PPP — ADRA

ADR Ecosystem of Excellence-in-ADR-Innovation

- GATEKEEPER
- PHArA-ON
- SMART BEAR
- SHAPES
- LEVEL-UP
- RECLAIM
- UNITED
- MUSICA
- SHOW
- PENELOPE
- HosmartAI
- ODIN
- AICCELERATE
- AIDPATH
- TREEADS
- SILVANUS
- FIRE-RES

- STARLIGHT
- Hi-Drive
- DIAMONDS
- PROFID
- CoroPrevention
- ILIAD
- INFINITECH
- CYBELE
- IoTwins
- DeepHealth
- EVOLVE
- LEXIS
- MOOD
- VEO
- CONCORDIA
- CyberSec4Europe
- SPARTA

- ECHO
- BY-COVID
- Smart4Health
- InteropEHRate
- SLEEP REVOLUTION
- iToBoS
- MAESTRIA
- AI-Mind
- DECIDER
- iPC
- VirtualBrainCloud
- PRIMAGE
- BD4NRG
- SYNERGY
- PLATOON
- BD4OPEM

- NGI0 Entrust
- interTwin
- DT-GEO
- BioDT
- eBRAIN-Health
- NIVA
- ExtremeXP
- TEMA
- CREXDATA
- Data4Food2030

Horizon Europe (IA/RIAs)

IA + RIAs

Details: project title, area, country coordinator, keywords, sector/domain, description…

Budget > 10 M
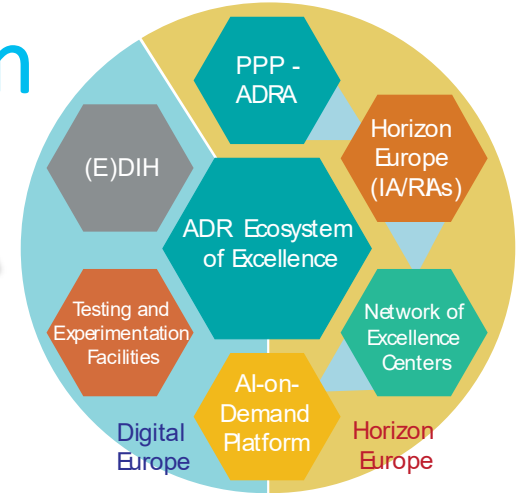
ADR Ecosystem of Excellence-in-ADR-Innovation

- Tech domain: AI
- CSA
- https://www.vision4ai.eu/project/
- Coordinator: Leiden University
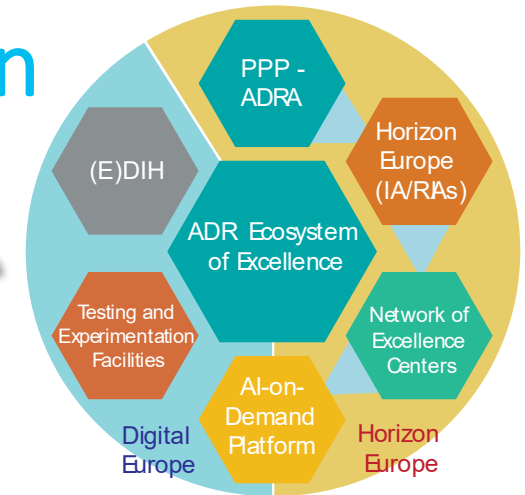- Builds on CLAIRE / AI4EU…
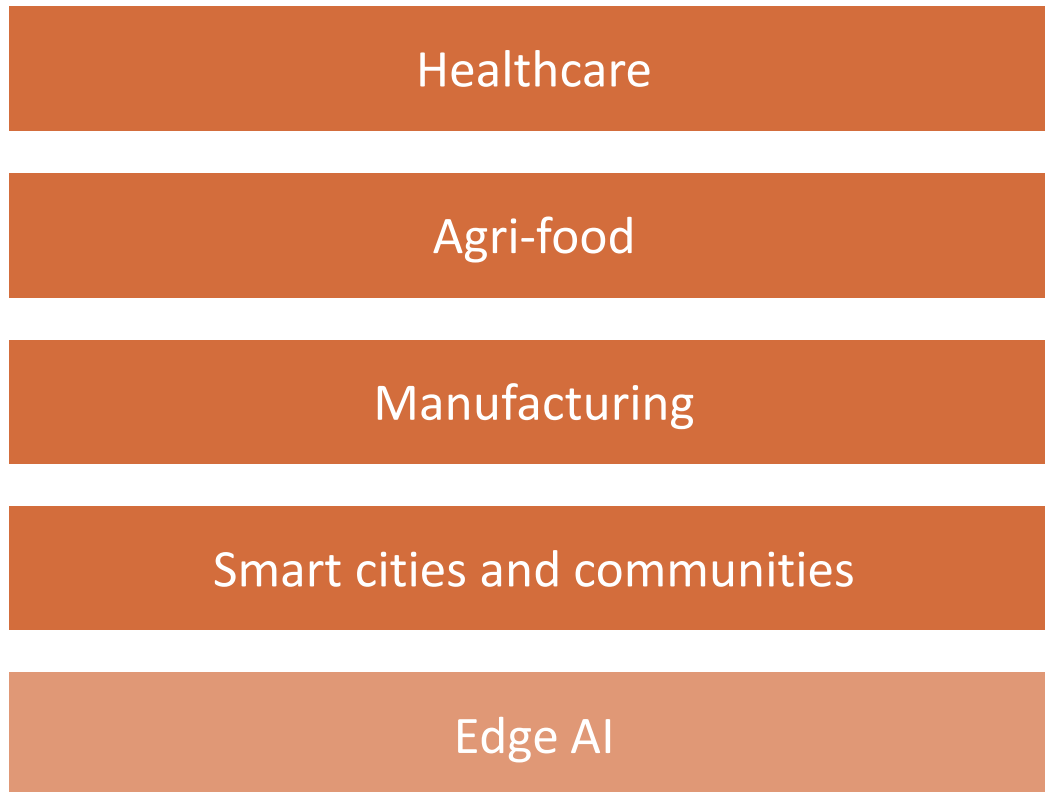- …

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ADR Ecosystem of Excellence-in-ADR-Innovation
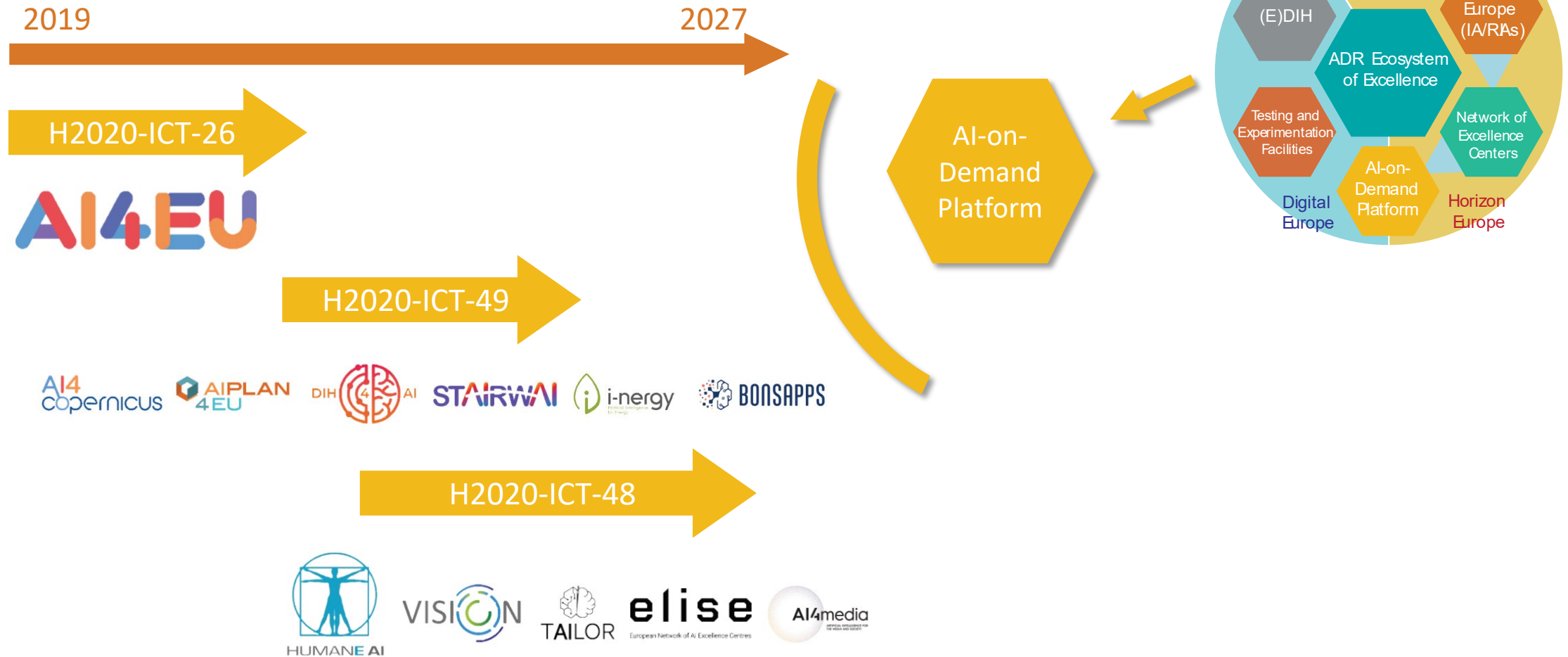
ADR Ecosystem of Excellence-in-ADR-Innovation

Digital Europe foresees sectorial TEFs

Healthcare

Agri-food

Manufacturing

Smart cities and communities

Edge AI

Testing and Experimentation Facilities

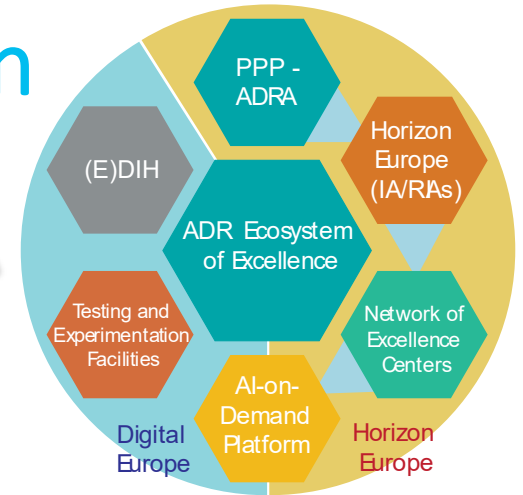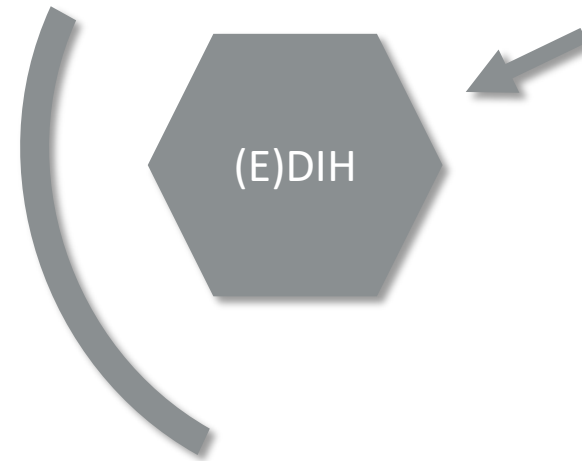# ADR Ecosystem of Excellence-in-ADR-Innovation
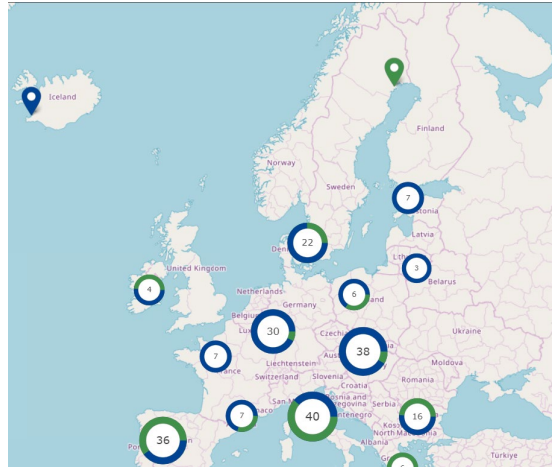
EDIH Catalogue | European Digital Innovation Hubs Network (europa.eu)

Total: 228 EDIHs

> Search Robotics: 40 DIHs

> Search AI: 75 DIHs

Digital Transformation Accelerator (DTA)

> For networking, cooperation and knowledge transfer between EDIHs

> Manage online catalogue of EDIHs

> Gateway to other initiatives

DIH networks

Next…

- ➤ Include national initiatives

- ➤ Make it easily accessible online and able to navigate

But! Need to answer a few key questions going forward

- ➤ Who is the user? How will they want to use it?

- ➤ How to keep it sustainable?

Different user needs

User	Needs
Adra community	Identify partners, develop strategies
Public authorities	Evaluate policies, identify strategic investments
SMEs	Benchmarking their business, find possible market partners, identify cheap shared infrastructures
Large Companies	Identify strategic investments, identify strategic enabling technologies, identify possible markets
Network organizations	Identify partners, identify possible markets, find shared infrastructures
Knowledge organizations	To find EU-partners for R&D, market unique infrastructures and expertise, find student exchange partnerships

Top voted answers ADRA-e on how you would use the cartography

1 Understanding the EU complexity

2 Analyse links between projects, organizations, companies

3 Getting an overview

Going forward

➢ Decide on user perspective

➢ Align with other initiatives

➢ Investigate sustainability of mapping

Thank you!