



The AI Data Robotics
Association

AI, Data and Robotics
Association

All about Adra

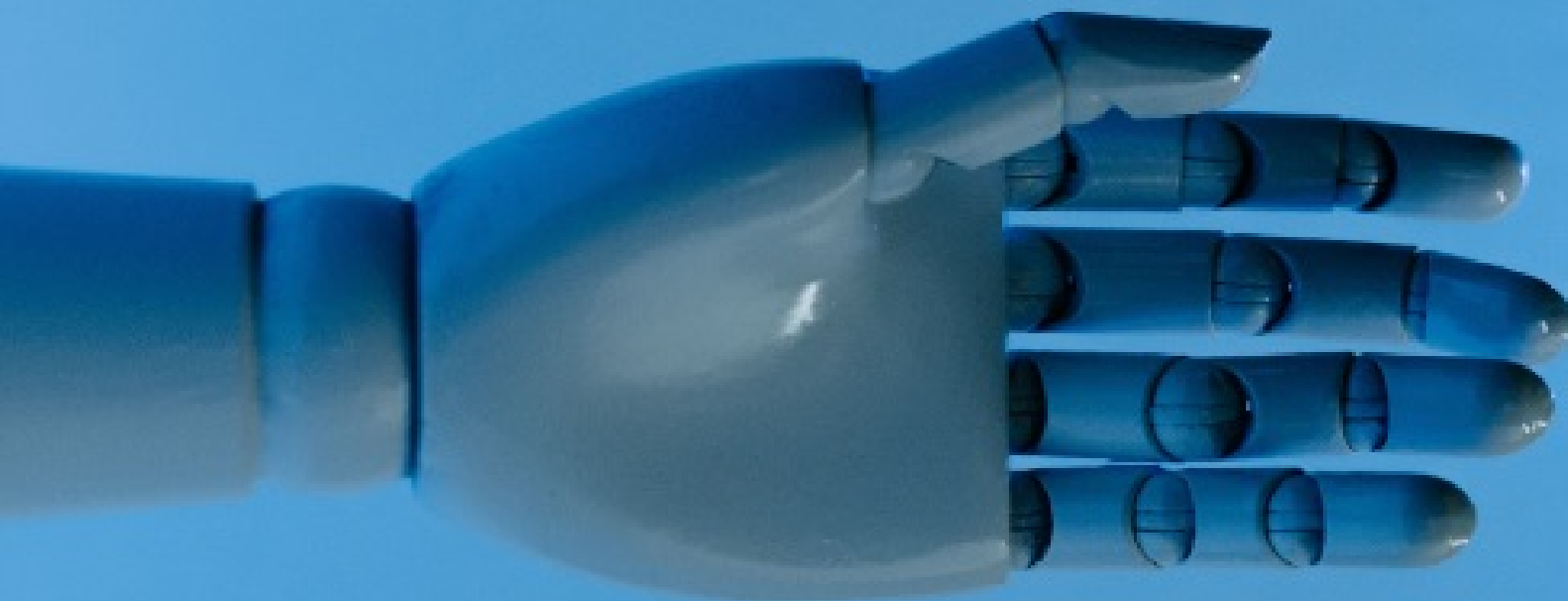
adr-association.eu

A joint initiative by:



CLAIRE





The AI Data Robotics
Association

Welcome

Overview

- **Introduction**
- **Objectives and Approach**
- **Organisation and Governance**
- **Overview of Membership (benefits, formulas, status)**
- **European AI, Data and Robotics– a call for action**

The AI, Data and Robotics partnership (2021-2030)

Co-programmed partnerships in Horizon Europe



European Commission
Public Side

Co-Programmed
Partnership

Adra Association
Private Side



The MOU signed between Adra and the European Commission:

- Up to **1.3** billion euros of public investment by the European Commission (through Horizon Europe)
- Up to **1.3** billion euros of private investment through Adra for the period 2021 – 2030

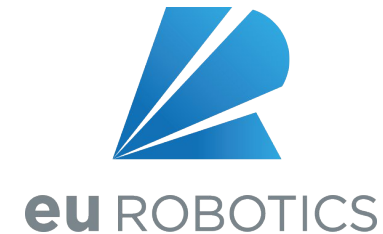


The AI Data Robotics
Association

A Joint Initiative

by

CLAIRE



Join Us!

www.adr-association.eu

General Objectives of the ADR Partnership and Adra



Secure **European's sovereignty** over **AI, Data and Robotics** technologies and knowhow

Establish **European leadership** in **AI, Data and Robotics** technologies with high socio-economic and environmental impact

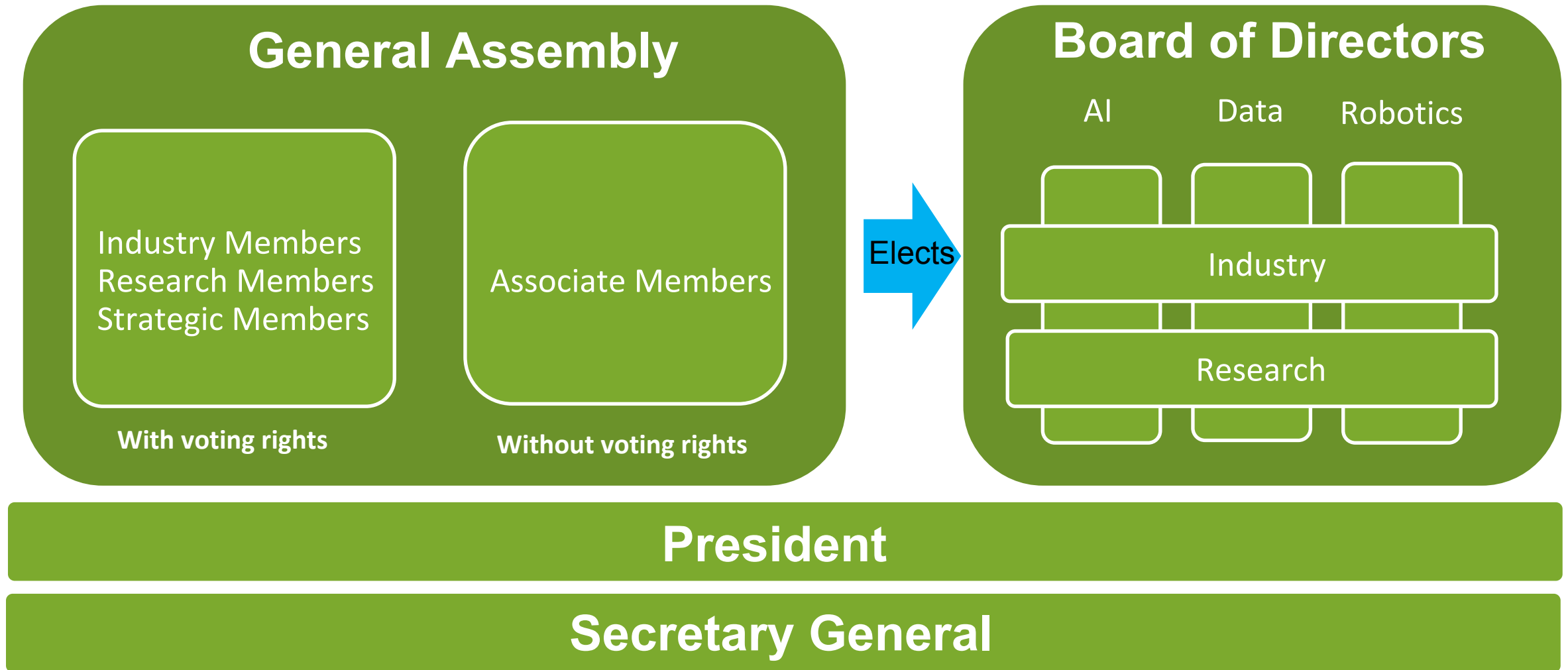


Reinforce a **strong and global competitive position** of **Europe** in **AI, Data and Robotics**

Adra's approach to European AI, Data and Robotics

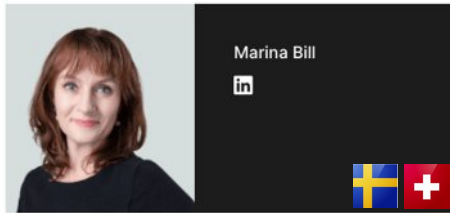
- Leverage existing **European strengths** in AI, Data and Robotics
- **Openness** and **inclusiveness** are essential to ensure success
- A **broad dialogue** is essential for the European innovation eco-system (Start-Ups, SMEs, Large Industry and Research)
- Safeguard **balance** and **representation** between constituences and industry/research
- Build the AI, Data and Robotics eco-system on **existing** stakeholder communities.
- Ensure representation of **all** important stakeholders including start-ups/scale-ups, SMEs, regional ecosystems

General Assembly and Board of Directors



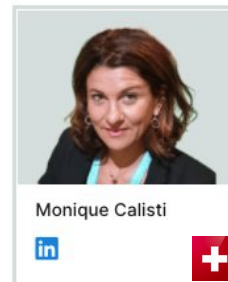
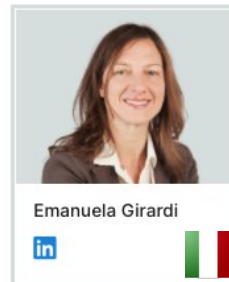
President and Founding Board

PRESIDENT

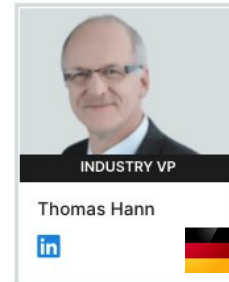


The Adra Office is supported by
BDVA, CLAIRE Paris/Inria and
euRobotics/University of Twente.

AI



DATA

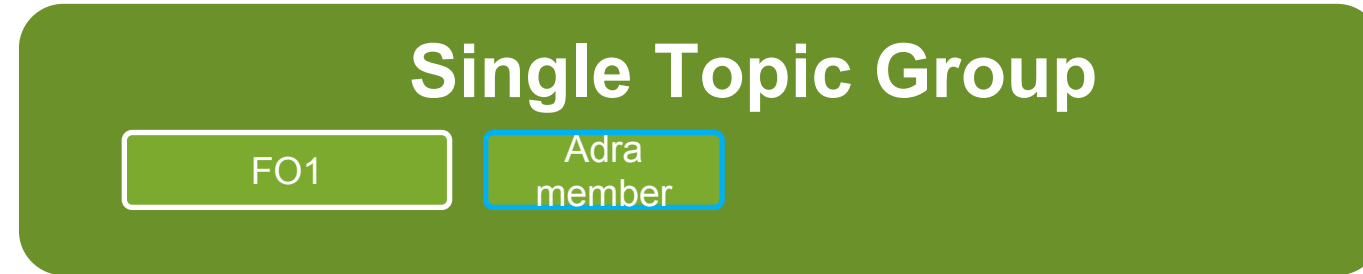


ROBOTICS



Topic Groups

- FO proposes their group
- BoD mandates
- Chair continues



- Member proposes
- BoD proposes
- Group selects Chair



- BoD proposes
- BoD selects Chair



Deliverable



Adra - Partnership – Coordination & Support Action (CSA)



European Commission
Public Side

Co-Programmed
Partnership

Adra Association
Private Side



Adra-e CSA project 2022-24

- Supports Adra Association and Partnership

Adra Status – Chronology and Milestones 1/2

- First Board meeting - April 2021
- Office setup - April 2021
- **Founding of the association** - May 2021
- Election of President Marina Bill - June 2021
- **Signing of MoU with the EC** - June 2021
- InfoDay organised in collaboration with EC and IDEAL-IST – July 2021
- Initial website launched (www.adr-association.eu) and social media (LinkedIn, twitter)
- Start Bi-Weekly BoD meetings, bi-Weekly VP meetings (+ 45 minutes EC) – August 2021
- GA (between founding members) – October 2021
- Launch Event – November 2021

Adra Status – Chronology and Milestones 2/2

- Open for members – December 2021
 - Shaping WP23-24 with EC – February – March 2022
 - Exchange with National delegates and NCPs – today
 - Periodic Welcome Event – starting May 17th
-
- Infoday with EC – 16/17 June (to be confirmed)
 - **General Assembly** – Monday June 20th

Ongoing sub-committees (by the BoD) :

- Communication and Marketing
- Adra Strategy and Vision
- Setup of task-forces
- Regulations and Finance
- Recruitment of Secretary General

Adra Status – Chronology and Milestones 2/2

- Open for members – December 2022
 - Shaping WP23-24 with EC – February – March 2022
 - Exchange with NCPs – Ongoing
-
- Periodic Welcome Event – starting May 17th
 - Infoday with EC – June
 - **General Assembly** – After 1st year (when sufficient members)

Ongoing sub-committees (by the BoD) :

- Communication and Marketing
- Adra Strategy and Vision
- Setup of task-forces
- Regulations and Finance
- Recruitment of Secretary General

Membership Benefits 1/2

- Access to a large network of ADR stakeholders (Industry, Research and policy makers). This facilitates match-making to enter e.g. EU project consortia
- Impact on EU research programs. As a unique contractual partner to EC, Adra is involved in writing the research programs of Horizon Europe concerning AI, Data and Robotics
- Participate in the authoring of the Strategic Research, Innovation and Deployment Agenda (SRIDA)
- Coordinated response through position documents and white papers to consultations, and policy documents
- Improved visibility at EU-level

Membership Benefits 2/2 *

- Propose candidates to the Board of Directors
- Voting right in the General Assembly
- Lead and participate in topic groups and task forces

* for industry and research members. Slightly different rules for strategic and associate members

Adra asbl: Types of Membership

Members with voting rights

Industry Members

- Large companies
- Mid-Caps
- Small and Medium Enterprises (“SME”) and Start-ups

Research Members

- Research and Technology Organisations (RTO)
- Universities, university colleges and university departments and laboratories or research groups of universities engaging in research, innovation and education (HES)

Strategic Members

- Not-for-profit organisations having their own members and whose main objectives are of essential value for the Purpose of the Association

Members without voting rights

Associate Members: trade unions, non-governmental organisations, regional clusters, etc. and other stakeholders not falling in the Member categories above

Annual membership Fees

Type of Organisation	Description (total number of employees)	Annual fee	Maximum Discount if member of Founding Organisations
Large Enterprise	>3000 persons employed	10,000.00 €	5,000.00 €
Mid-caps	250 – 3000 persons employed	5,000.00 €	2,500.00 €
SMEs	1- 249 persons employed	2,000.00 €	1,000.00 €
Research and Academia	>= 50 employees	2,000.00 €	1,000.00 €
Small research entity	<50 employees	500.00 €	250.00 €
Strategic members	Any size	3,000.00 €	NA
Start-ups	Any size (3 years)	250.00 €	125.00 €
Others	Any size	500.00 €	250.00 €

How to apply

STEP 1: Download the template of the Adra Membership Application form from the Adra website www.adr-association.eu

STEP 2: Send an electronic copy of the Adra Membership Application Form filled in and duly signed to membership@adr-association.eu

STEP 3: Your application will be reviewed by the Adra Secretary General / Office that will inform you if any modifications or additional information needed.

STEP 4: The Board of Directors reviews the application and decides on granting the temporary membership status.

STEP 5: The General Assembly grants the final membership status upon proposal of the BoD

Do you need any support? Send an email to secretary-general@adr-association.eu

Get in touch



secretary-general@adr-association.eu



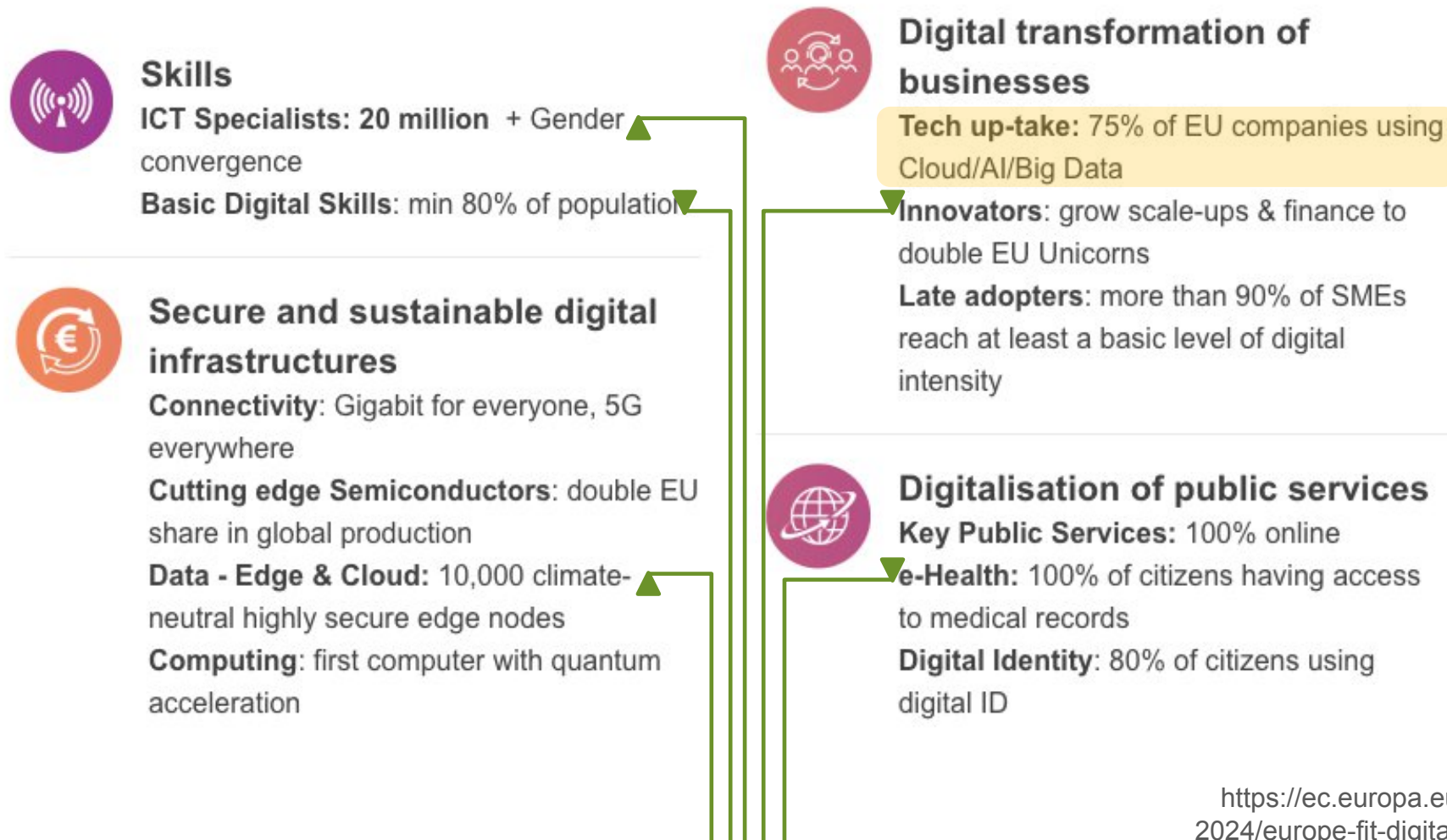
www.linkedin.com/company/adr-association



adr-association.eu

Extra slides

Europe's Digital Decade: digital targets for 2030



But ADR also needed for

https://ec.europa.eu/info/strategy/priorities-2019-2024/europe-fit-digital-age/europes-digital-decade-digital-targets-2030_en



Digital Economy and Society Index (DESI) 2021 Integration of digital technology

Figure 12 Levels of adoption of AI by sector (% of enterprises)

Sector (Part I)	At least one AI technology	At least two AI technologies	Plans to use	Sector (Part II)	At least one AI technology	At least two AI technologies	Plans to use
Agriculture, forestry and/or fishing	39%	24%	18%	Accommodation	42%	22%	15%
Manufacturing	47%	27%	16%	Recreation activities	37%	24%	11%
Construction	36%	23%	16%	IT	63%	43%	12%
Oil and gas	38%	19%	6%	Finance, insurance	40%	20%	27%
Waste management	31%	21%	27%	Real estate	42%	23%	18%
Water and electricity supply	45%	28%	17%	Other technical and/or scientific sectors	43%	22%	18%
Trade, retail	38%	22%	20%	Education	49%	21%	21%
Transport	36%	22%	20%	Human health	47%	29%	19%
Food	36%	26%	20%	Social work	47%	26%	10%

ADR deployed and booming in many (all?) sectors

Base question Q1: What is the current state of adoption in your firm for [AI technologies]?; Base: EU27, N=8661. (Base size represents only EU27 Member States, excluding the UK, Iceland and Norway).

Source: Ipsos, European enterprise survey on the use of technologies based on artificial intelligence, 2020.



<https://digital-strategy.ec.europa.eu/en/policies/desi>

Worldwide growth of AI according to CBInsights ⁽¹⁾

\$66.8B AI funding doubles in 2021

- Global AI funding was up 108% YoY in 2021, led by healthcare AI (18% of total). The top 10 rounds were dominated by industry-agnostic data science, AIOps, and RPA solution providers.
- Despite a QoQ slowdown in deals, Q4'21 was the third-biggest quarter ever for deals and the second biggest for funding.

\$1.3B - Largest equity round in Q4'21

- DevSecOps vendor Lacework raised the largest round in Q4'21: a \$1.3B Series D.
- This was the third \$1B+ round in 2021 (data management platform Databricks raised a \$1.6B Series H and a \$1B Series G) and the sixth largest AI round of all time.

\$62M - Median asset/ investment mgmt. deal size

- The median size of deals backed by asset /investment management and PE investors reached a record of \$62M in 2021.
- Both investor groups backed more deals and participated in 116 and 82 mega-rounds (deals worth \$100M+) respectively, a dramatic increase from 2020.

(1) *State of AI 2021 Report, CBInsights, March 2022*

The AI Index 2021 Annual Report⁽¹⁾

PRIVATE INVESTMENT in AI by GEOGRAPHIC AREA, 2015-20

Source: CAPIQ, Crunchbase, and NetBase Quid, 2020 | Chart: 2021 AI Index Report

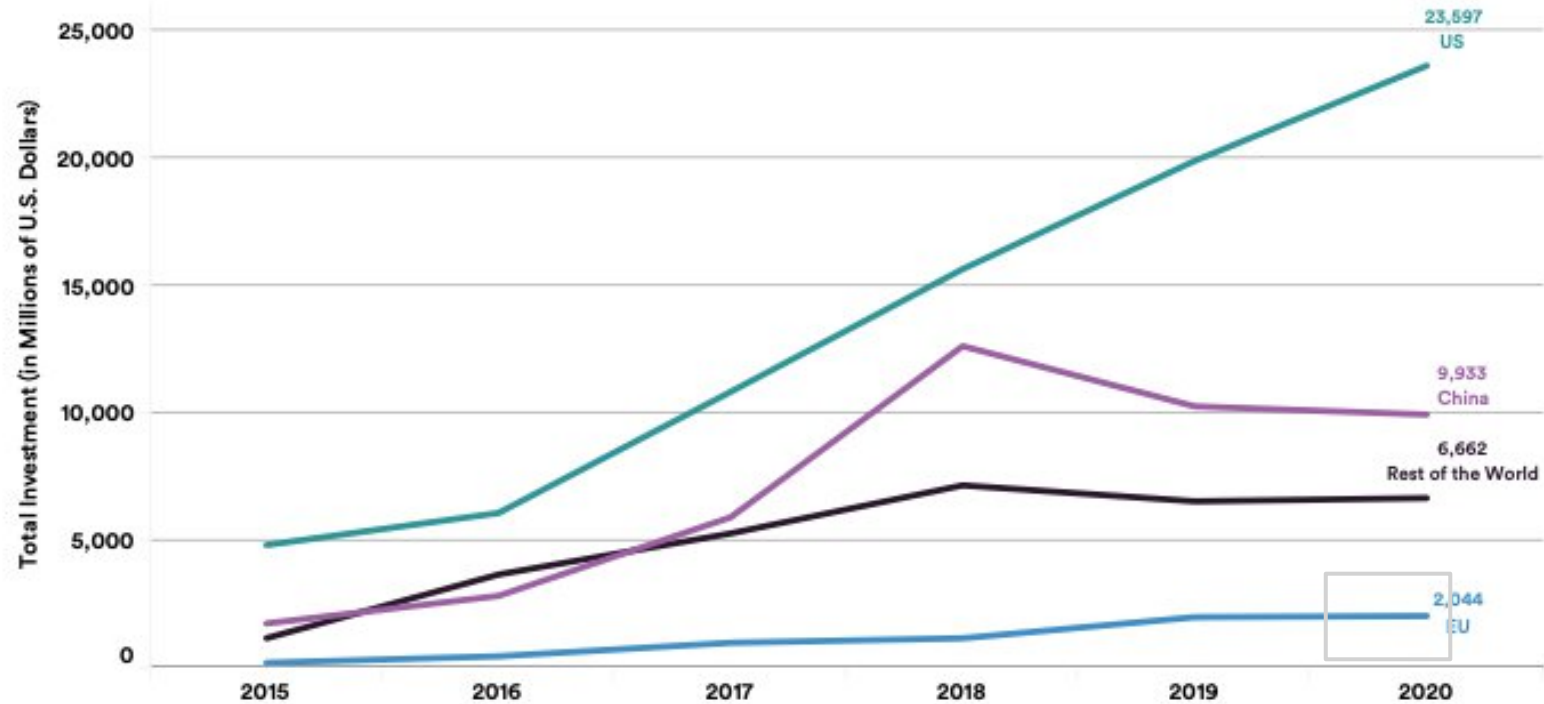


Figure 3.2.5

(1) Daniel Zhang, Saurabh Mishra, Erik Brynjolfsson, John Etchemendy, Deep Ganguli, Barbara Grosz, Terah Lyons, James Manyika, Juan Carlos Niebles, Michael Sellitto, Yoav Shoham, Jack Clark, and Raymond Perrault, "The AI Index 2021 Annual Report," AI Index Steering Committee, Human-Centered AI Institute, Stanford University, Stanford, CA, March 2021.

The AI Index 2021 Annual Report

AI ADOPTION by ORGANIZATIONS GLOBALLY, 2020

Source: McKinsey & Company, 2020 | Chart: 2021 AI Index Report

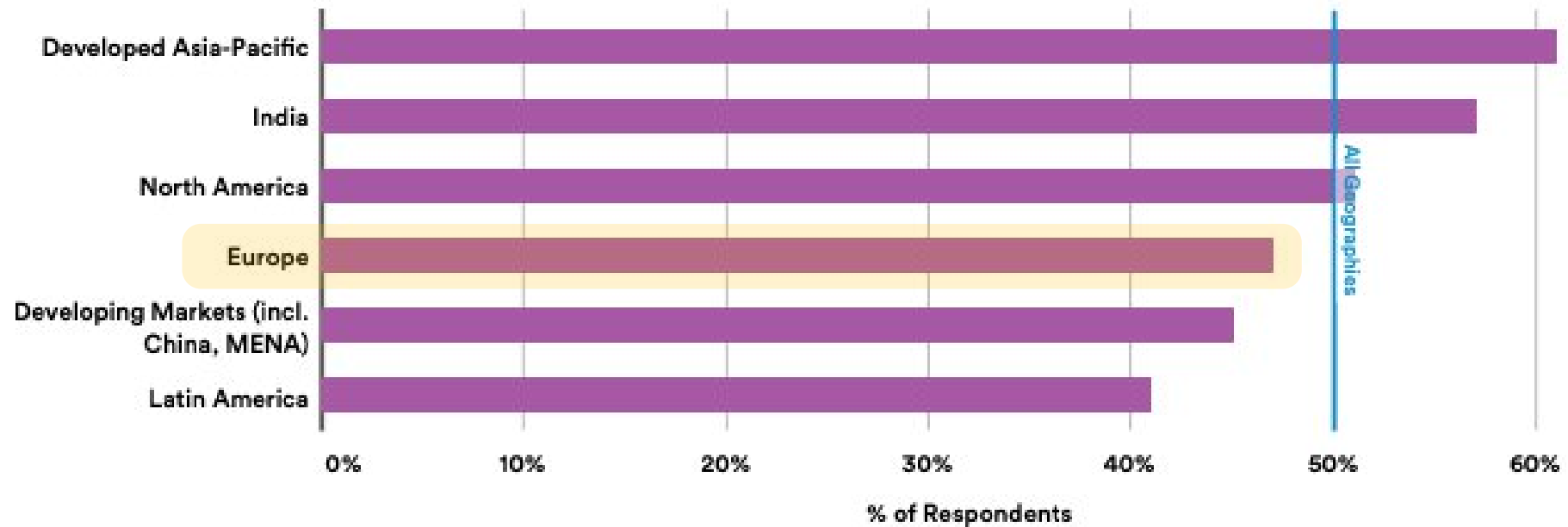


Figure 3.3.1

The AI Index 2021 Annual Report

NUMBER of ACADEMIC-CORPORATE PEER-REVIEWED AI PUBLICATIONS by GEOGRAPHIC AREA, 2015-19 (SUM)

Source: Elsevier/Scopus, 2020 | Chart: 2021 AI Index Report

