



JORNADA

05 mayo 2021 [09:30 - 13:00]

Oportunidades de digitalización y financiación para PYMES e industria:

EDIHs y DIHs

Ametic
LA VOZ DE LA INDUSTRIA DIGITAL

planetic



Digital Innovation Hub in Artificial Intelligence & Robotics for Sustainable Development Goals



UNIVERSIDAD
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Madrid



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Digital Innovation Hub in Artificial Intelligence & Robotics for Sustainable Development Goals



Digital Innovation Hub
(DIH) operating in the
Region of Madrid

Provides **technology & innovation services** to SME's and Public Administrations



Adoption of **IA & Robotics** technologies on cross sectoral domains



Business aligned with
the **UN Sustainable Development Goals**



Energy, Climate
& Green Deal



Green Mobility &
Smart Cities



Industry 4.0 &
manufacturing



Sustainable
agriculture



Health &
Wellbeing

AIR4S Ecosystem

ECOSYSTEM CAPACITIES

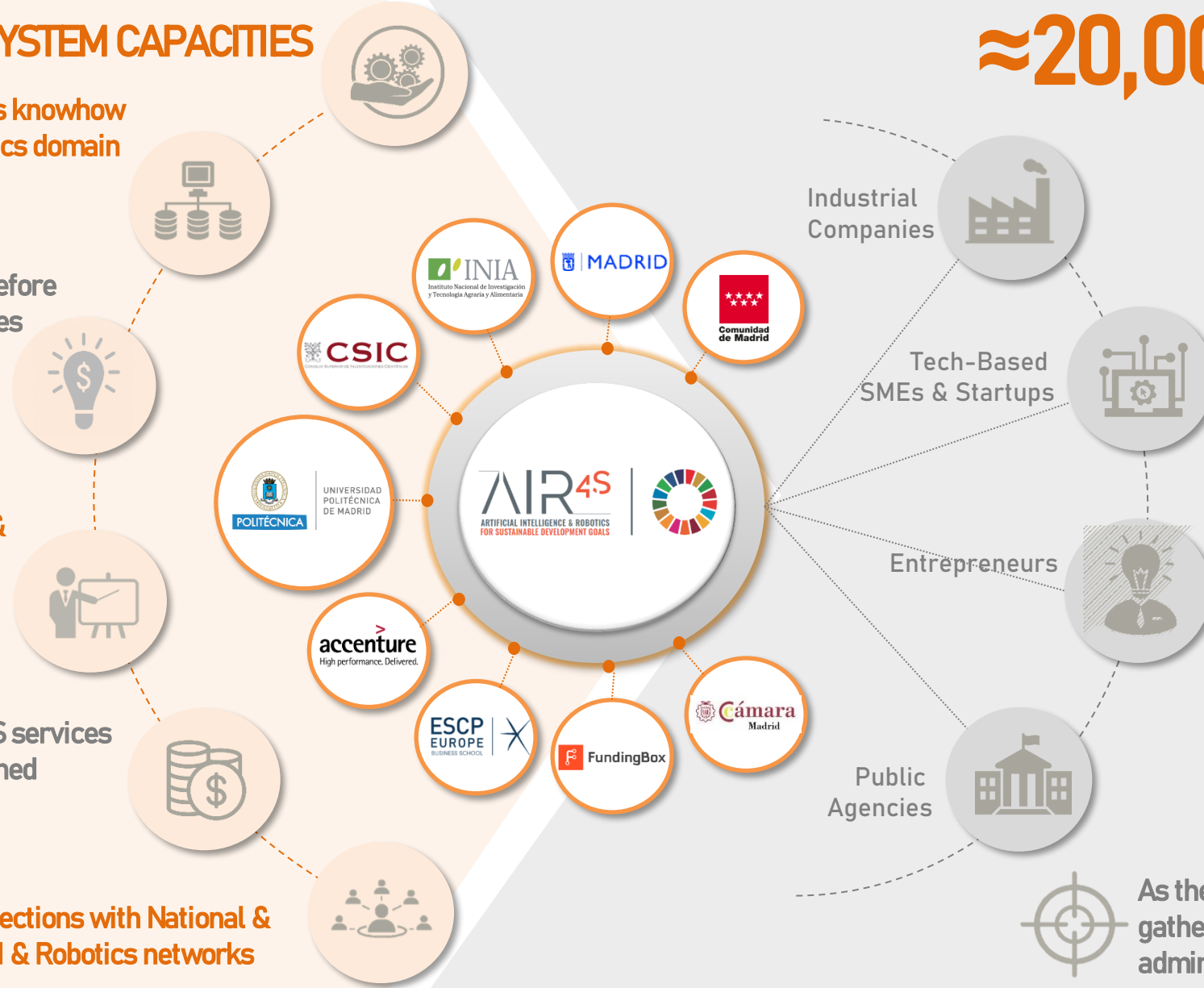
>30 R&D&I groups knowhow in AI & Robotics domain

18 AI & Robotics “test before invest” infrastructures

17 Innovation Centers & Spaces available

>40 Specific AIR4S services currently defined

>20 Active connections with National & European AI & Robotics networks



≈20,000 Companies operating in AIR4S vertical sectors as potential market

98% of the total companies based in the region are SMEs

>300 Startups based in Madrid

Industrial Companies

Tech-Based SMEs & Startups

Entrepreneurs

Public Agencies



As the Capital of Spain, Madrid gathers a large number of public administration bodies

TECHNOLOGY SERVICES



Test before
Invest for
sustainable
IA&R projects

Training
Skills

Support to
Innovation

Access to
funding
&
strategic
partners

- Technology assessment
- Maturation audit on AI & Robotics
- Feasibility studies
- Proofs of concept
- Technology testing in real environments
- Prototype development & validation
- Adaptation and integration of technology solutions
- Product demonstration

TECHNOLOGY SERVICES

Test before
Invest for
sustainable
IA&R projects

High Performance
Computing &
Visualization Center



Cyber Physical Systems
(CPS) lab oriented to
Industry 4.0



Training
Skills

Indoor location, artificial
vision and immersed reality
(VR/AR) facilities



Support to
Innovation

Smart track for
autonomous vehicles



Drone training and
testing arena



Access to
funding
&
strategic
partners

Sensorized open rural
environment for smart-agro
experimentation



Telerobotics and remote
manipulation lab



TECHNOLOGY SERVICES



Test before
Invest for
sustainable
IA&R projects

**Training
Skills**

Support to
Innovation

Access to
funding
&
strategic
partners

- Basic & advanced AI & Robotics technical courses
- AI & Robotics for business and management course
- AI course applied to public sector & public services
- Ethical aspects of AI & Data Governance
- “Train the trainer” courses for school teachers



TECHNOLOGY SERVICES



Test before
Invest for
sustainable
IA&R projects

Training
Skills

**Support to
Funding &
Innovation**

Access to
funding
&
strategic
partners

- Training programmes on innovation and entrepreneurship skills
- Incubation programme
- Assessment in public funding opportunities
- Connection with private investors
- Acceleration Programme
- Mentoring in commercialization of Innovation & Technology
- Assessment on legal, ethical and social aspects related to AI & Robotics

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partners

**“LA NAVE” Open
Innovation Center**



**Artificial Intelligence
R&D Center**



**UPM Montegancedo
Business Center**



Madrid International Lab



**Madrid Business
Incubators Network**



**Accenture
Liquid Studio**



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Co-creation activities & innovation technology workshops (WIT)

Access to co-working spaces

Access to AIR4S Networking Community Platform

Organization of networking events and B2B meetings

Links with other DIHs, initiatives and strategic networks



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Links with other DIHs,
initiatives and
strategic networks

UPCOMING OPPORTUNITIES



**Open Calls for SMEs
pilots based on
sustainable and
ethical AI&R
solutions**



**Innovation Technology
Workshop on AI&R**



**Technical courses for
SMEs on AI&R applied
to business**

**Upcoming innovation &
entrepreneurship AI&R
center**



AIR^{4S}

ARTIFICIAL INTELLIGENCE & ROBOTICS
FOR SUSTAINABLE DEVELOPMENT GOALS



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EUROPE**
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CPONET

La Ciudad de los Negocios