



INESC TEC



**INESC TEC
PRESENTATION**

More than four decades leading in R&D engineering



WE COVER
THE KNOWLEDGE-TO-VALUE
PRODUCTION CHAIN

WE ENABLE
SCIENCE-BASED INNOVATION

Private non-profit
association

ASSOCIATE LABORATORY

fct Fundação
para a Ciência
e a Tecnologia

ANI **CTI** TECHNOLOGY AND
INNOVATION CENTRE

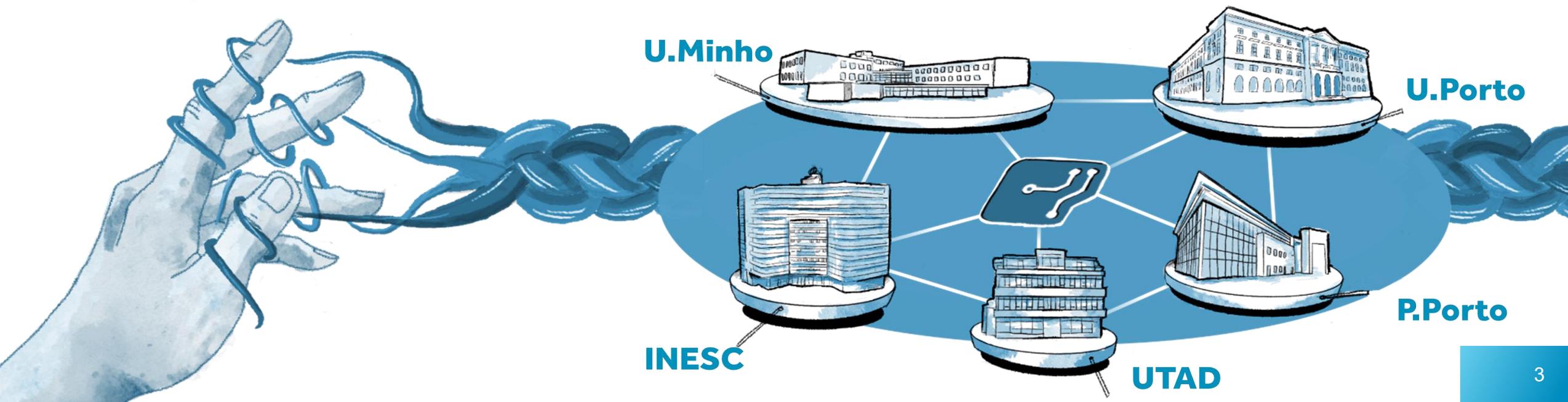
From knowledge generation to science-based innovation

VISION

To be an inspiring and empowering force, driving the science and technology of digitally-enabled systems into overcoming society's challenges.

MISSION

As a free-thinking and diverse community, we take on bold science, technology, and innovation challenges, empowering talent, collaborative ecosystems, and public policies that make a difference in our economy and society.



RESEARCH.

Artificial Intelligence

Bioengineering

Communications

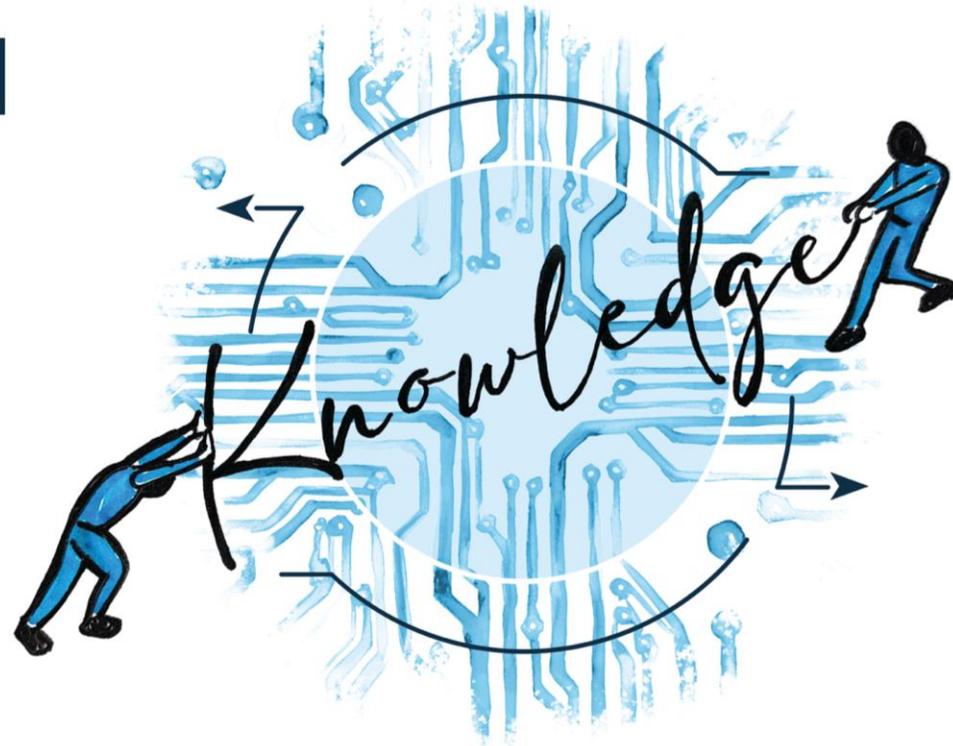
Computer Science & Engineering

Photonics

Power & Energy Systems

Robotics

Systems Engineering & Management



INNOVATION.

TEC4
agro-food

TEC4
health

TEC4
communications

TEC4
industry

TEC4
energy

TEC4
sea

TEC
partnerships

Key Figures 2024

+180

Faculty

+280

Researchers
+110 PhDs

+400

PhD Students

+130 Foreign researchers

+230 Women in R&D

34M€

Total Activity

10M€

EU Funding

+940

Indexed publications

+40

Active patent families

6

Spin-offs
(1 new and 10 in development)



European RDI Ecosystem

— INESC Brussels Hub

— Horizon Europe

- 68 Project Participations
- 9 Project Coordinations
- Top 5 Thematic Priorities by Funding:
 1. Digital, Industry and Space - 14.6M€
 2. Widening - 11.5M€
 3. Climate, Energy and Mobility - 7.3M€
 4. Health - 4.4M€
 5. Research Infrastructures - 2.5M€



Flagship Projects

Security and Defence



MARITIME BORDER SURVEILLANCE
Integration of sensors and multidomain UxVs
(Coordinated by INESC TEC)



KEY INDUSTRIAL PARTNERS



ENVIRONMENTAL CRIME
Platform to improve detection and proof collection against environmental crimes



KEY INDUSTRIAL PARTNERS



INDIRECT FIRE DETECTION
Unmanned indirect fire observation system



KEY INDUSTRIAL PARTNERS



MISSION PLANNING
Battlefield modelling using adversarial AI and multi-domain simulation



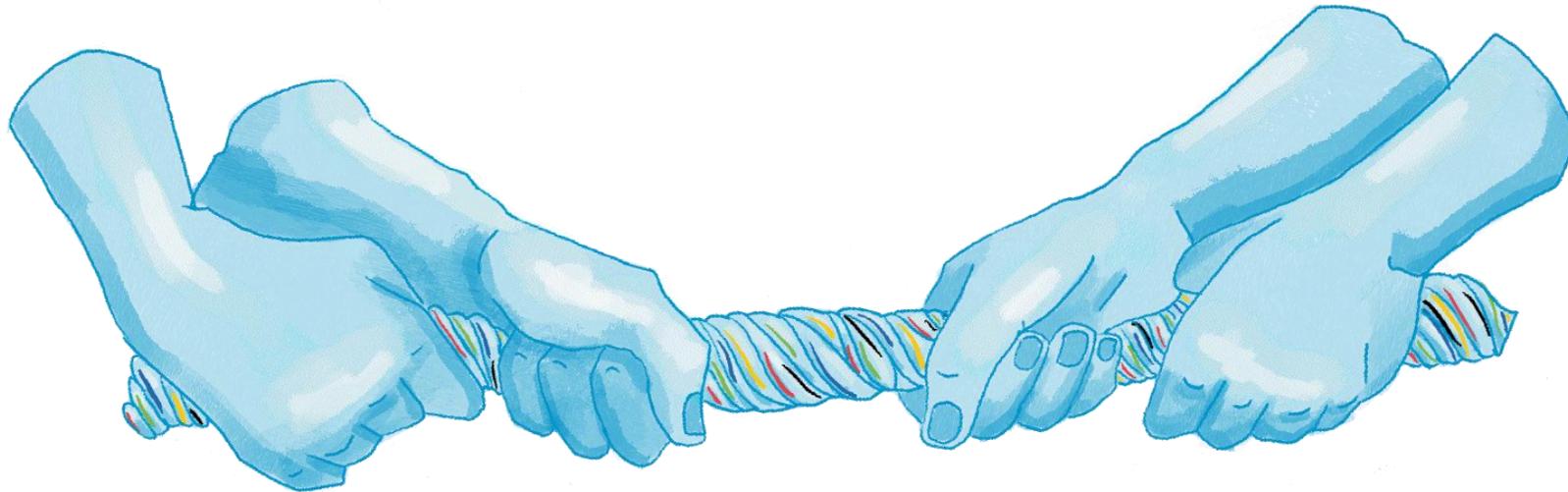
KEY INDUSTRIAL PARTNERS



Collaborations sought

A bidirectional search for partners:

- Industrial partners that might be interested in integrating our research results in their product/service offer
- RTOs and similar organisations that might complement our competencies



Opportunities for cooperation

Opportunities where we could contribute with any of our 8 scientific domains:

- AI, Bioengineering, Communications, Computer Science, Photonics, Power Systems, Robotics, Systems Engineering

EDF-wise:

- IT focus, no Materials
- Research Actions
- 50% past activity/submissions involving underwater robotics (autonomous systems)
- Committed partner (EDF 2025 – 15 submissions with 2 coordinations)

Contacts

António Gaspar

TEC4ASD Coordinator

Aerospace, Security & Defence

antonio.gaspar@inesctec.pt