

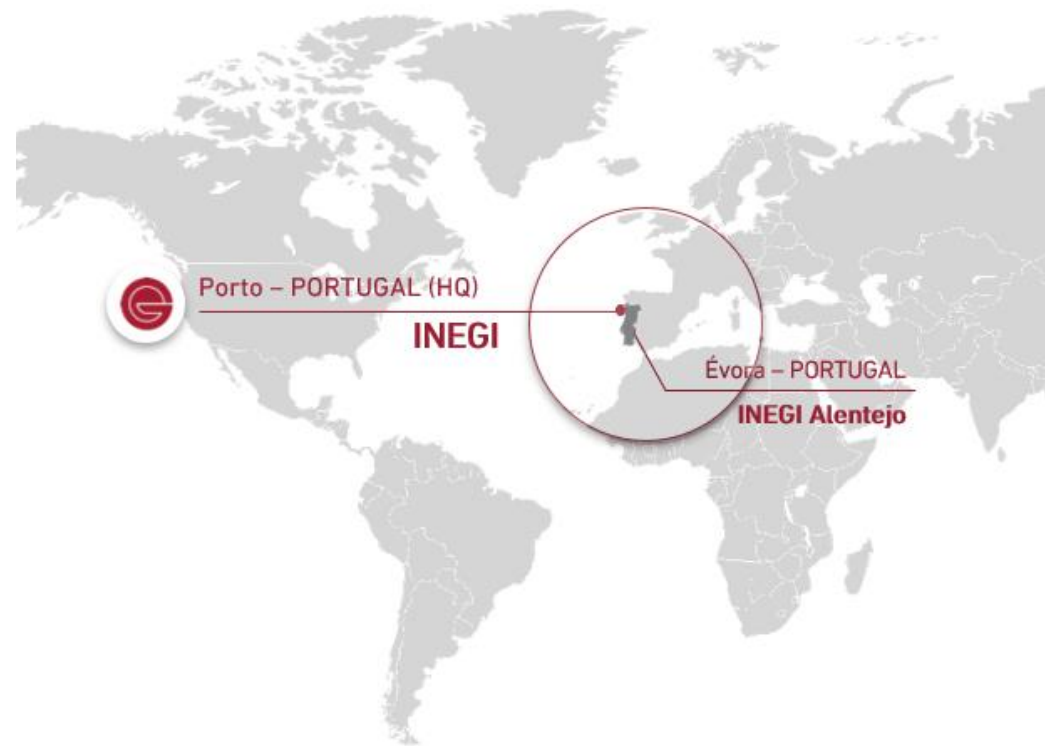
MADE IN EUROPE 2026

ONLINE PITCHING

Jaime Correia, INEGI | Biomechanics and Health Unit

23 June 2026

CONVERTING KNOWLEDGE INTO VALUE FOR OVER 40 YEARS



VIRTUAL VISIT IN 360° ↗

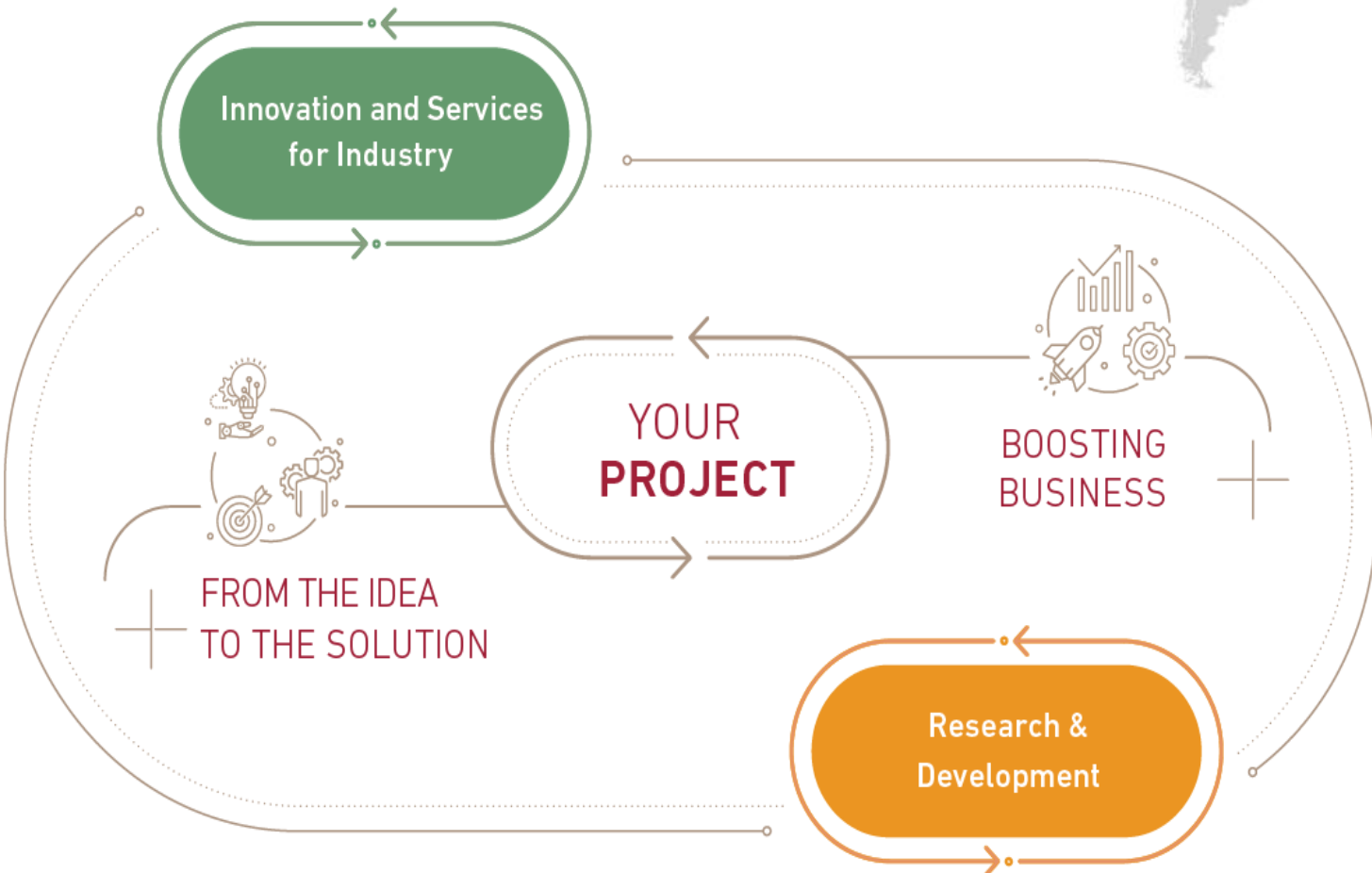


23,1 M EUR
Turnover



350
Collaborators

94%
Projects with Companies



inegi.pt

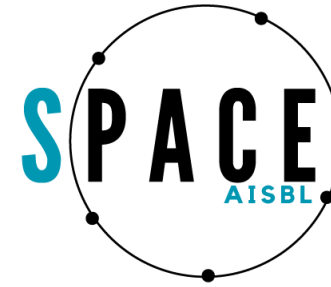


Porto - Asprela Campus

WHERE WE INNOVATE



COLLABORATIVE PLATFORMS



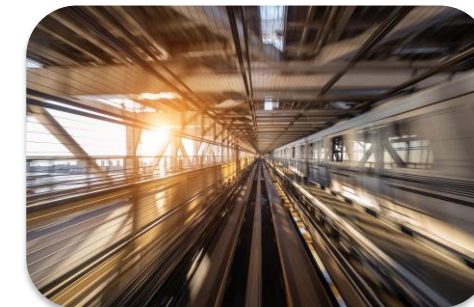
AERONAUTICS,
SPACE, AND
DEFENSE



ENERGY



INDUSTRY



TRANSPORTS



SEA
TECHNOLOGIES

NETWORKS OF PRACTICE



RESEARCH AND INNOVATION



Research Area

Innovation Line

Examples of Funded Projects

HUMAN-APPLIED
ENGINEERING

- Human-Centric Manufacturing
- Human Factors and Ergonomics
- Advanced Robotics and Product Design
- Digital Transformation and Physical AI
- Virtual Human Twins and Immersive Experiences

ASEPHAI

More Info
2025-2026



JOIN2SCALE

More Info
2026-2029



More Info
2026-2029



PROSPECTS^{5.0}

More Info
2024-2026



- MedTech Design
- Tissue Engineering
- Biomaterials
- Artificial Intelligence
- Digital Human Models and *in-silico* Simulation



AI4BIRTHCARE

More Info
2026-2027



pelvitrack

More Info
2025-2029



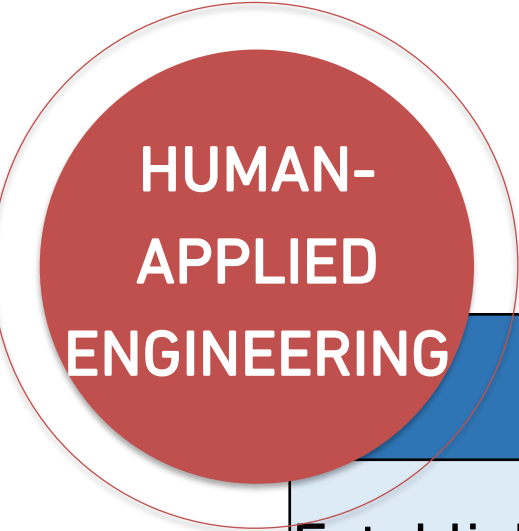
More Info
2026-2028

Health Portugal

More Info
2022-2026



HORIZON-CL4-2027-02-DIGITAL-EMERGING-52- two-stage (RIA, MiE & ADRA)



INEGI Role	Extra complementarity with us
Coordinator / Champion / Core Partner	Use-Case Providers, Business Cases, Technology Providers (SMEs and Start-ups), Social Sciences

Human - AI Collaboration and Interaction

Establish smooth and trustworthy partnerships between people and intelligent systems, enabling safer, more efficient, and more comfortable experiences in both professional and everyday environments.

Safe and Intuitive Interaction with Physical and Digital Interfaces	Collaborative Robotics and Platforms	Human-AI Teamwork
To design and evaluate human-centered interface mechanisms that enable transparent, natural, and reliable communication between users and AI-driven systems.	To develop adaptive collaborative robotic systems that support human-robot cooperation through user interaction and continuous feedback-based performance improvement.	To investigate and implement human-AI collaborative approaches for shared decision-making, knowledge capture, task planning, and execution to enhance productivity and overall performance.

Examples of Cluster 4 Calls

HORIZON-CL4-2027-01-MAT-PROD-61: Fast Track to Research and Innovation for breakthroughs in industrial technologies (Research and Innovation Action)

HORIZON-CL4-2027-01-MAT-PROD-03: Factory processes and automation for de- and re-manufacturing (RIA) (Made in Europe partnership)

HORIZON-CL4-2027-01-MAT-PROD-22: Innovative advanced materials and new production processes – reducing dependencies on Critical and Strategic Raw Materials (IA) (Innovative Advanced Materials for the EU and Processes4Planet partnerships)

HORIZON-CL4-2027-04-HUMAN-01: Advanced and Innovative hardware components for Virtual Worlds (RIA) (Virtual Worlds Partnership)

HORIZON-CL4-2027-05-DIGITAL-EMERGING-03: Advanced integrated photonic devices for extended features and ultra-low power consumption (RIA) (Photonics Partnership)

HORIZON-CL4-2027-04-DIGITAL-EMERGING-05: Apply AI: AI-Driven Robotics for Industry: Enabling System Integration and Adoption (IA) (Partnership in AI, Data and Robotics)

Examples of Cluster 5, 6, and Horizontal Activities Calls

HORIZON-CL5-2027-05-D4-05: On-site robotic and automated techniques for building renovation and new construction

HORIZON-CL6-2027-01-CIRC BIO-03: Developing novel recycling technologies for complex plastic materials applying biotech solutions

HORIZON-CL6-2027-01-CIRC BIO-01: Enhancing eco-design and circularity of consumer electronics

HORIZON-BRIDGING-2027-02-05: Advancing promising results from Pillar II collaborative research through the innovation journey (IA)

HORIZON-BRIDGING-2027-02-02: Valorising Horizon project results via innovation ecosystems

HORIZON-RAISE-2027-01-02: Automated Scientific Discovery – Food (RAISE pilot)

HORIZON-RAISE-2027-01-01: HORIZON-RAISE-2027-01-01: Automated Scientific Discovery (RAISE pilot) (RIA)

Exploring Synergies



We are looking forward to explore synergies and exchange opportunities. Fill in the form!

<https://forms.office.com/Pages/ResponsePage.aspx?id=IXh2G0fyWkm-NAffNI1ESJbOOujK4MNCgV5CZhb-YjtUQldVR1VVSijWMDM0Vk03NkUzWUhhZROEwRi4u>

- Pillar 2 (except Cluster 2)
- Pillar 3 (EIC Pathfinder and EIC Transition)
- EU Missions
- EDF
- European Co-Funded Partnerships and Joint Undertakings





THANK YOU

Contact:

Jaime Correia – Biomechanics and Health Innovation Coordinator

jfcorreia@inegi.up.pt

Nilza Ramião – Biomechanics and Health Unit Coordinator

nramiao@inegi.up.pt

www.inegi.pt/en