

IRHIS

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ABOUT IRHIS



IRHIS

**INTEROPERABLE
REMOTE HEALTH
INNOVATION
BROUGHT TO SCALE**

Co-funded by
the European Union

Interoperable Remote Health Innovation Brought to Scale (IRHIS)

IRHIS aims to accelerate the upscale of remote health innovations and innovators offering AI-powered, cutting-edge sensor solutions, wearable devices, and remote monitoring solutions across three

critical EU remote care areas: musculoskeletal rehabilitation, neurological disorder treatment, and critical patient conditions.

Funding Source: European Union

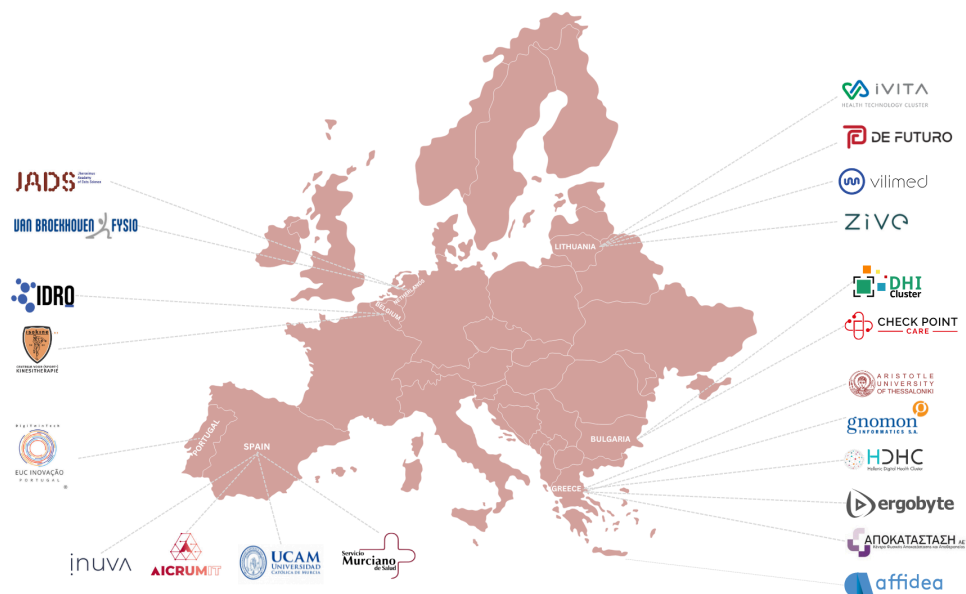
Programme: I3-2023-INV2a

Reference: 101160941

Project duration: 2nd of September 2024- 1st of September 2027

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IRHIS boosting the EU toward the next phase of our healthcare system

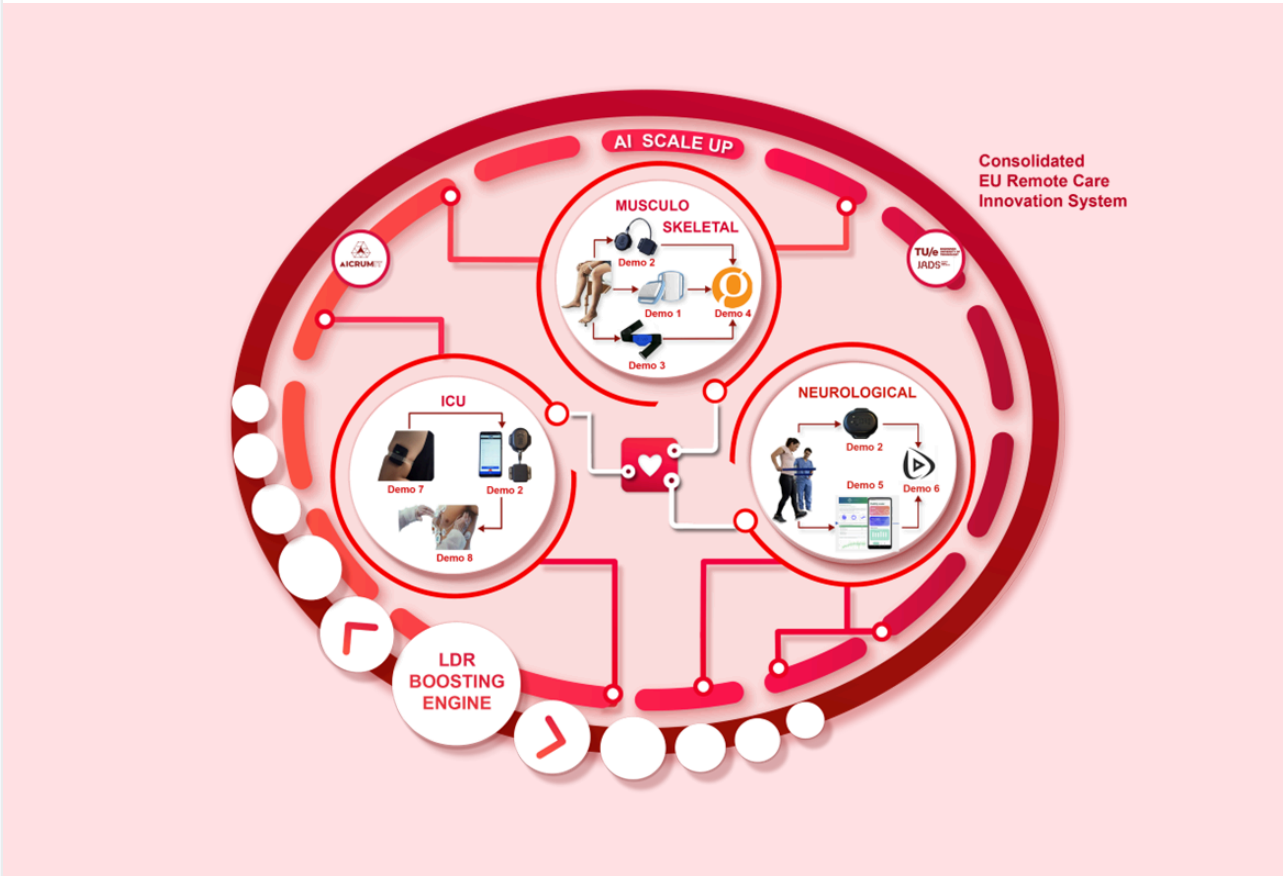


21 partners from **13 European regions** intend to demonstrate a portfolio of 3 interregional investments of 8 technologies developed by **EU MedTech**

SMEs, to jointly boost and deploy innovative remote care solutions, embedding Scale-Ups from transition and less developed regions **into global value chains**.

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DemoScale Labs



Demo Scale Labs Targeting 3 Major Conditions

Within IRHIS, the first EU-wide Advanced Remote Care Demonstration Chain will be established around **three Demo Scale Labs**. These labs will drive the development and **scaling of**

Advanced Remote Care technologies in Less Developed Regions (LDRs).

- ◆ **Demo Scale Lab 1 – Joint Musculoskeletal Care Demonstration**

Aims to reduce rehabilitation time and prevent injuries for 28 million Europeans diagnosed with knee and/or hip osteoarthritis - a number expected to rise due to demographic shifts and healthcare workforce shortages.

- ◆ **Demo Scale Lab 2 – Advanced Neurological Sensing and Treatment**

Enhances diagnostic accuracy and ensures precise monitoring to improve care quality and patients' lives.

- ◆ **Demo Scale Lab 3 – Critical Patient Condition Detection Tech Upscale**

Targets the prevention of sepsis-related deaths, which currently affect 11 million people worldwide annually.

These labs will play a key role in shaping the future of remote healthcare across Europe.

S3 Advisory Board

S3 Advisory Board Established

We are pleased to announce the formation of the S3 Advisory Board (SAB), a key element of the **IRHIS quality assurance system**. The board consists of regional policymakers and med-tech experts from across Europe, including representatives from:

- Lithuania (Kaunas, Vilnius)
- Greece (Attica, Crete, Thessaloniki)
- Spain (Murcia, Valencia)
- Bulgaria (Kazanlak, Sofia)
- Belgium (Flanders)
- Portugal (Lisbon)
- The Netherlands (Noord Brabant)

The SAB will play a crucial role in aligning S3 strategies and regional investments, bridging the innovation gap, and accelerating med-tech advancements. Composed of high-level experts, the board **will ensure technology development and market fit while providing strategic guidance on commercialization and policy trends.**

News

Challenges in Musculoskeletal & Cardiovascular Care

- LIMITED ACCESS TO SPECIALIZED CARE
- INCONSISTENT FOLLOW UP & MONITORING
- HIGH HEALTHCARE COSTS
- FRAGMENTED DATA & LACK OF PERSONALIZATION

Gaps in post-rehabilitation & sports monitoring

- LACK OF OBJECTIVE PERFORMANCE & RECOVERY METRICS
- INEFFECTIVE TRANSITION FROM CLINICAL TO HOME REHABILITATION
- RISK OF RE-INJURY
- INSUFFICIENT LONG-TERM MONITORING

Why remote care is essential

- CONTINUOUS & REAL-TIME MONITORING
- IMPROVED PATIENT ENGAGEMENT & ADHERENCE
- EARLY DETECTION OF COMPLICATIONS & RE-INJURY RISKS
- PERSONALIZED REHABILITATION PLANS
- ENHANCES ACCESSIBILITY & SCALABILITY
- REDUCED COSTS & BURDEN ON CLINICS

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IRHIS Thematic Hubs Building Session

On February 20, 2025, leading **health industry experts, innovators, and investors** gathered for an insightful webinar on how **thematic hubs** drive research and innovation in **remote health**.

Kęstutis Morkūnas, PhD (iVita), shared insights on the IRHIS project, while DEMOLABs (Gnomon Informatics SA, Vilimed, Check Point Care) showcased cutting-edge developments. Representatives from Lithuanian Innovation Centre) highlighted synergies in the I3 project (I3HIES), and the S3 Advisory Board provided expert perspectives on scaling innovation. The webinar reinforced the power of collaboration in advancing remote healthcare.

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