

Join the VR Health Champions Open Call 2025

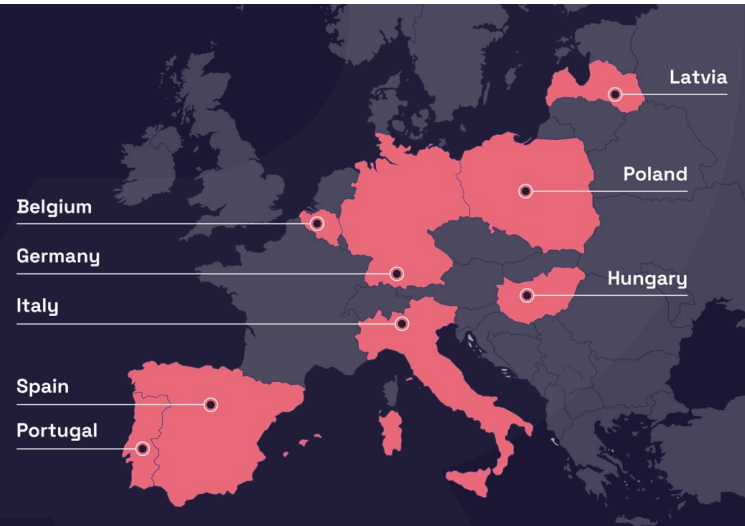
Scale Your Impact in XR Healthcare



About VR Health Champions

VR Health Champions is a 3-year project aiming at **breaking down** market, clinical and regulatory **barriers in XR healthcare across less developed regions** of Central Eastern and Southern **Europe**, while fast-tracking the advancement of VR/AR applications.

It focuses on five flagship SMEs – **Lightspace, MEEVA, MedApp, Metaskills**, and **Virtuleap** – that are leading this transformation. The project's outcome is to upgrade their Technology Readiness Level (TRL) for VR/AR innovations from TRL 6 to TRL 9, ultimately creating pathways for future innovations in the sector.



Your Opportunity



Join 1 of 5 leading XR health companies (Lightspace, MEEVA, MedApp, MetaSkills, or Virtuleap) to tackle their challenges

- Apply your expertise to help move innovations from TRL 6 to TRL 9
- Co-develop, validate, and pilot solutions in clinical or market environments
- Drive healthcare transformation across borders as part of a curated European collaboration

Is This You?

We're looking for SMEs with expertise in:

- **Clinical adaptation** of digital or XR tools
- **Regulatory and market access** strategies in healthcare
- **Hardware and mechatronics** in XR and healthcare



Why Apply?



Receive a lump sum **grant** up to a value of **40.000 €** to address a specific challenge in the XR healthcare sector



Work closely with one of five cutting-edge **flagship SMEs**



Get access to the VR Health Champions **ecosystem**, including the **EIT Health network, XR4Europe and Medtronic**



Help build **interregional innovation value chains** through applied problem-solving



Challenge: III Lightspace

AR-Specific Camera/Sensor Integration with Focus on Depth Sensing

Lightspace solution: AR headset for surgery

Your opportunity:

Develop a compact, low-power, front-facing depth sensor architecture for surgical AR (target range: 20 cm–1 m).

Your contribution:

- Identify optimal multi-camera/depth-sensing
- Configurations
- Define electronics and firmware/software integration paths
- Build and validate a subassembly-level lab prototype (evaluation kit/demo)

Expected Outcome:

Analysis of depth-sensing technologies for surgical AR, detailed integration blueprint, and a working demonstrator for controlled testing.

Challenge: MedApp

EMPOWER PEOPLE FOR BETTER HEALTH

Developing a Clinical Risk Assessment Framework for XR in Surgical Navigation

MedApp solution: surgical navigation system using AR

Your opportunity:

Develop a clinical risk assessment framework tailored to XR-based surgical navigation.

Your contribution:

- Analyze XR-specific risks (perception, spatial registration)
- Align safety protocols with ISO 14971
- Define actionable risk mitigation strategies for clinical deployment

Expected Outcome:

A dedicated XR risk assessment framework addressing mixed reality perception and spatial safety, ready for integration into real-world surgical workflows.

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Challenge:

AI-Based Virtual Agents in VR-Based Therapy

Meeva solution: VR therapy for neurodivergent teens

Your opportunity:

Define an implementation and evaluation framework for intelligent virtual agents in therapeutic VR.

Your contribution:

- Establish idea screening and evaluation methods for AI agents in therapy
- Define system/module requirements across mental health use cases
- Develop implementation strategy for AI agents in therapeutic VR

Expected Outcome:

A structured framework for deploying AI agents in therapeutic VR, tailored to the needs of neurodivergent teens.

Challenge: metaskills

Feasibility Study, Market Strategy & Pilot Implementation for AI-Assisted VR Soft Skills Training in EU Healthcare Institutions

Metaskills solution: AI-powered VR soft skills training for clinicians

Your opportunity:

Deliver a market-driven feasibility study and pilot rollout for MetaSkills.

Your contribution:

- Map healthcare procurement and key EU buyer personas
- Benchmark VR/non-VR competitors; define pricing & revenue models
- Identify and assess strategic partners (distribution/training)
- Pilot with structured feedback to test adoption and scalability

Expected Outcome:

- Commercialisation roadmap including stakeholder mapping, competitive positioning, pricing strategy, and pilot insights.

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Challenge: Virtuleap

VR-Specific Technical Documentation Framework Development

Virtuleap solution: VR tool for cognitive assessment

Your opportunity:

Develop a structured approach to CE marking technical documentation for VR medical devices.

Your contribution:

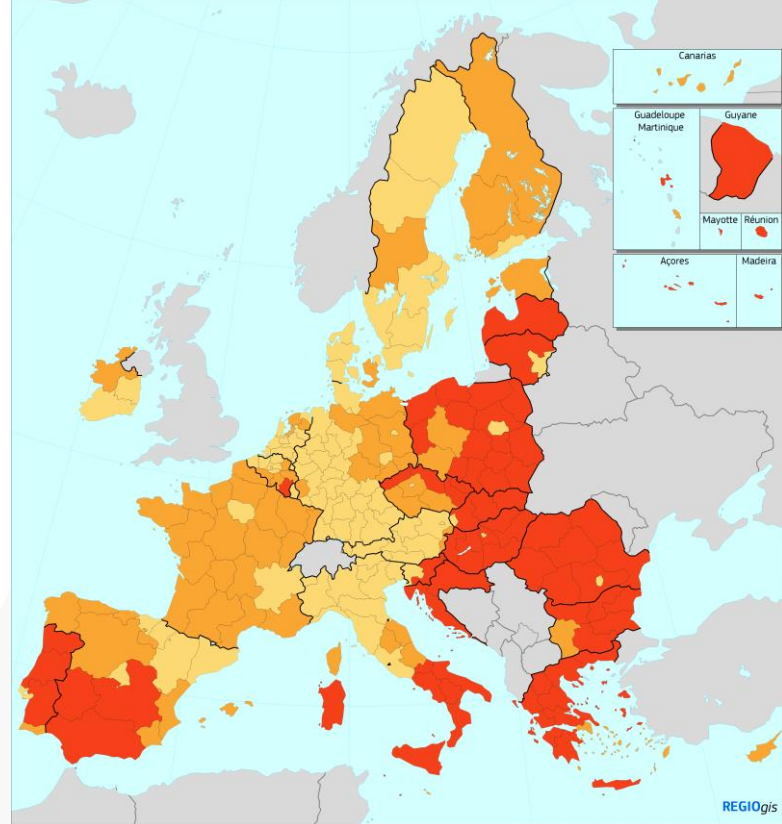
- Compile core documentation: specs, labelling, conformity, manufacturing
- Ensure alignment with EU safety, performance, and risk standards
- Define data requirements, usability validation, and post-market strategy

Expected Outcome:

A tailored documentation framework and practical CE marking templates addressing the regulatory specifics of VR cognitive tools.

Who Can Apply?

- **SMEs** as defined by the European Commission in EU Recommendation 2003/361/EC.
- Applicants must be **legally established** in one of the following:
 - **A less developed region**
 - **An outermost region**
 - **+ A region covered by the VR Health Champions consortium**
 - Madrid (Spain)
 - Budapest (Hungary)
 - Trento (Italy)
 - Brussels Capital region (Belgium)
 - Upper-Bavaria (Germany)



Investment for jobs and growth goal (ERDF and ESF+) eligibility, 2021-2027

Categories of regions

- Less developed regions (GDP/head (PPS) less than 75% of the EU-27 average)
- Transition regions (GDP/head (PPS) between 75% and 100% of the EU-27 average)
- More developed regions (GDP/head (PPS) above 100% of the EU-27 average)

How to Apply?

Only applications submitted before the deadline via the VR Health Champions website application platform will be considered.

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Visit
[the VR Health Champions website](#)

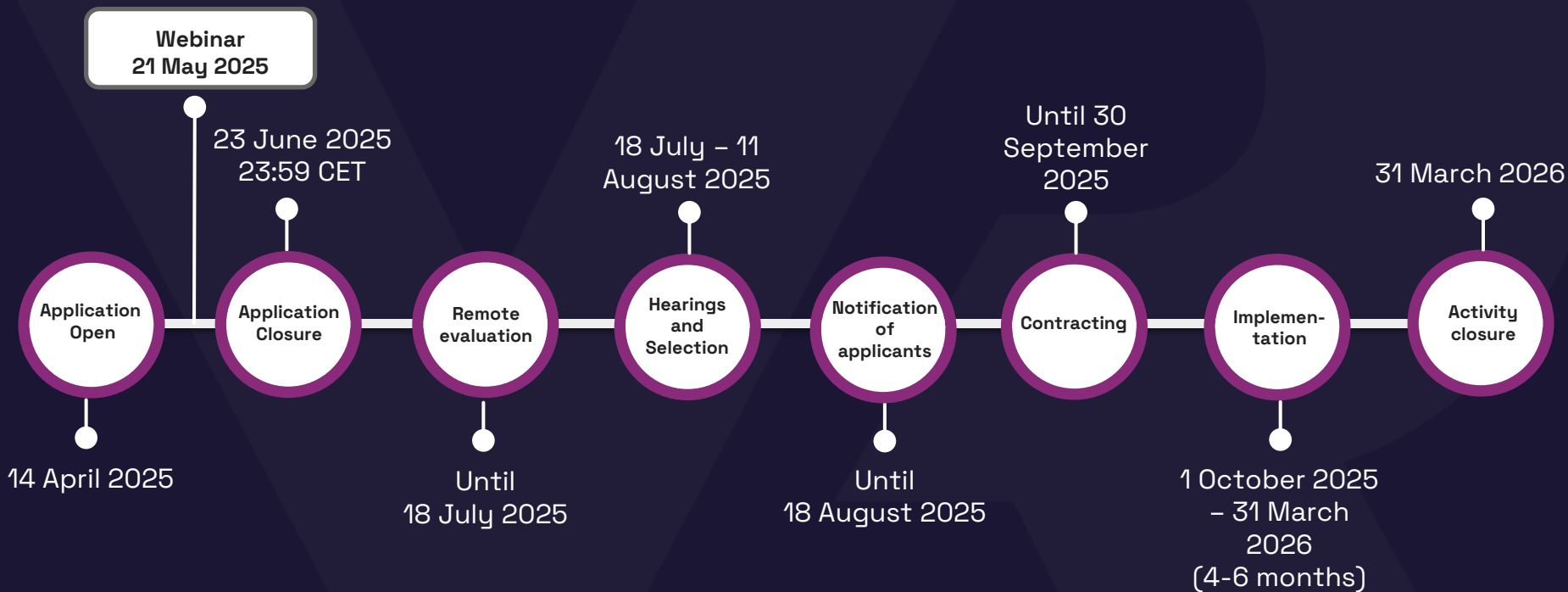
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Read the call document
and **choose a challenge**

3

Fill in the application form
on the website, **upload the
required attachments and
submit your application**

Your Journey – from application to impact



Have any questions?



For interested applicants, a **webinar will be held on the 21st of June at 14:00 CET.** Register [here](#)!



<https://vrhealthchampions.eu/>



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Apply here!