



RADIANCE

Robotic, Automated and Digital solutions for improving building renovAtion and New Construction Efficiency

Welcome to the first **RADIANCE** Newsletter! 🔧

We are pleased to share the first edition of the **RADIANCE** project newsletter, a new communication channel designed to keep our community informed about project progress, key milestones, upcoming activities, and major developments.

Through this newsletter, we aim to provide regular updates on how **RADIANCE** is advancing robotic, automated, and digital solutions to improve efficiency, safety, and sustainability in building renovation and new construction across Europe. Thank you for joining us at the beginning of this journey.

What is RADIANCE?



RADIANCE is a Horizon Europe project focused on transforming building renovation and new construction through the integration of robotics, automation, artificial intelligence, and digital technologies.

The project brings together a multidisciplinary European consortium of universities, research centres, technology providers, and construction companies. Together, they are developing and validating innovative solutions to improve inspection, diagnosis, safety, workflow efficiency, and decision-making in complex construction environments.

By testing technologies in real-world settings, **RADIANCE** aims to accelerate the adoption of advanced digital tools that make construction processes safer, more efficient, and better prepared for the future.

[Read more here!](#)

RADIANCE's recent activities

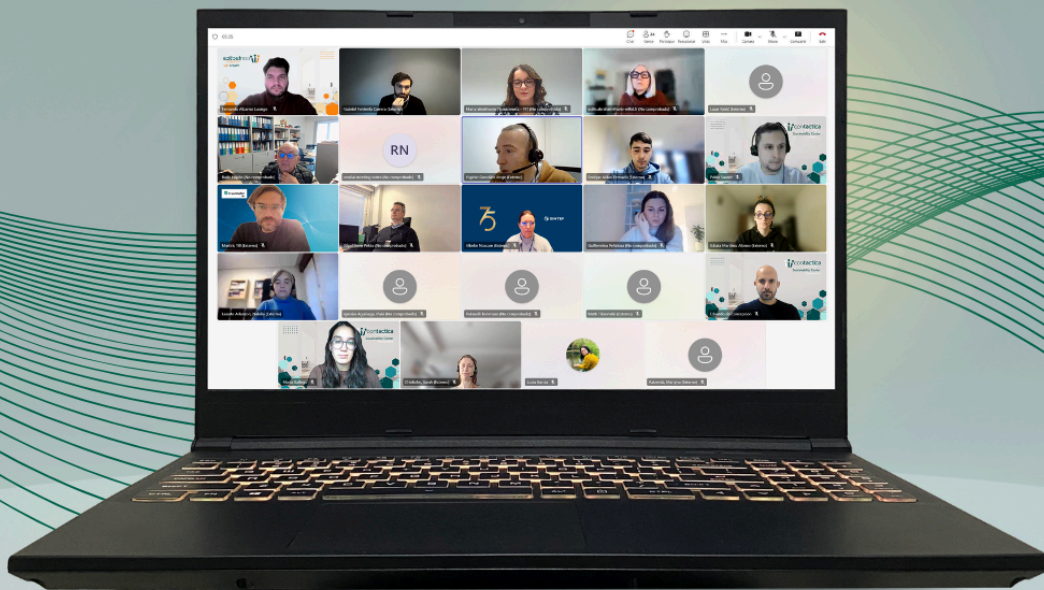
Kick-off meeting

The **RADIANCE** consortium held its kick-off meeting on the last day of September, officially launching project activities and aligning partners on objectives, roles, timelines, and expected outcomes.


[Learn more here!](#)

1st Steering Committee

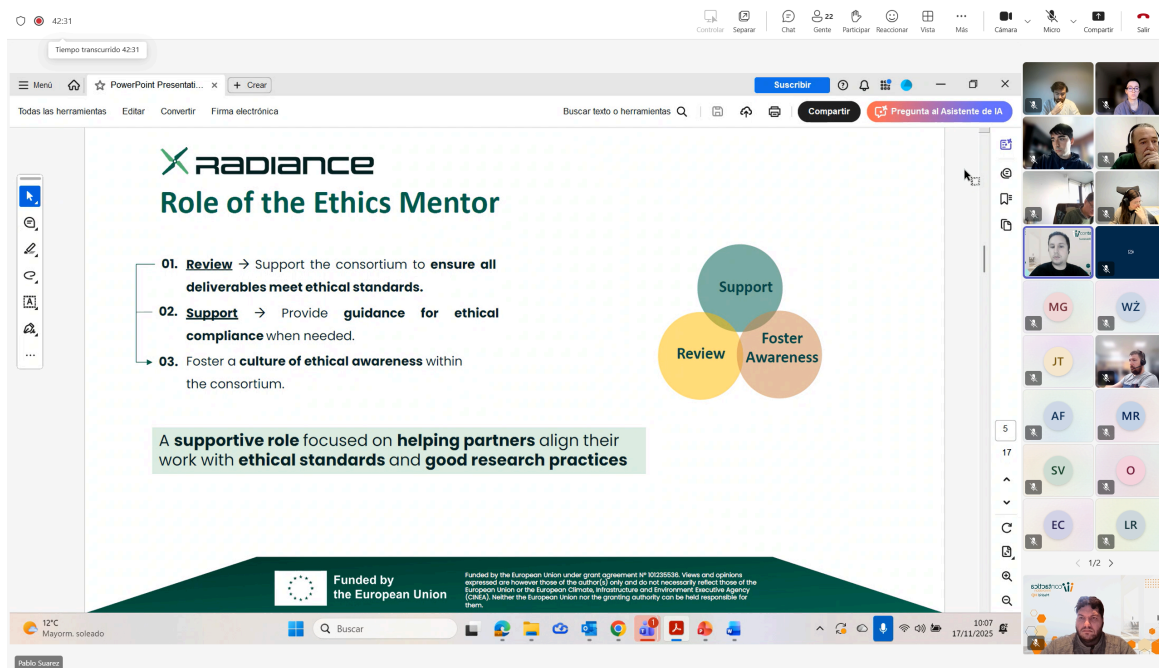
Driving strategy and coordination across RADIANCE



1st Steering Committee

The project's Steering Committee convened to review progress, discuss milestones, and coordinate next steps across work packages, ensuring  remains on track.

[Read more here!](#)



Ethics workshop

An Ethics Workshop was organised to address ethical considerations related to Horizon Europe requirements, artificial intelligence, and project-specific risk mitigation. The session fostered open discussion on ethical compliance, governance, and responsible innovation.

[More information](#)

Built4People and external engagement

RADIANCE has begun engaging with the broader European innovation ecosystem, including initiatives such as **Built4People**. These activities support knowledge exchange, visibility, and collaboration with sister projects working on digitalisation, sustainability, and innovation in the built environment.

[Read more about it](#)

RADIANCE (Robotic, Automated and Digital solutions for improving building renovAtion and New Construction Efficiency) launches to advance robotic and digital innovation in building renovation across Europe

Madrid, Spain. 20 January 2026 – A new Horizon Europe project, **RADIANCE**, officially started in September 2025, bringing together cutting-edge robotics, automation, and digital technologies to transform building renovation and construction processes across Europe. Funded under the Horizon Europe programme, **RADIANCE** will run for 48 months, from September 2025 to August 2029, with a total budget of almost 4 million euros. The project is coordinated by the Universidade de Vigo (Spain) and brings together a multidisciplinary consortium of 14 partners from Spain, Portugal, France, Poland, Finland, Norway, Germany, and Switzerland, combining expertise from universities, research centres, technology providers, and construction companies.

Building renovation plays a central role in Europe's transition towards climate neutrality, safety, and resource efficiency. However, renovation works remain complex, labour-intensive, and often exposed to safety risks, limited digitalisation, and fragmented workflows. **RADIANCE** addresses these challenges by developing and validating robotic, automated, and digital solutions that improve inspection, diagnosis, safety, planning, and execution of renovation and construction activities.



1st Press Release

RADIANCE has officially launched, marking the start of a European collaboration dedicated to improving building renovation and construction through robotics and digital innovation. The first press release introduces the project's objectives, consortium, technological focus, and long-term vision, setting the foundation for upcoming technical developments and validation activities.

[Read it here!](#)

Project's materials



Brochure

Summarises the project's objectives, technologies, and partners.

[Download](#)



Roll Up

Perfectly designed to be part of different events and conferences.

[Download](#)



Brandbook

A document ensuring consistency in all communication channels.

[Download](#)

To stay updated on **RADIANCE**'s progress, upcoming events, and latest results, we invite you to follow and connect with us through our official channels:



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