



DIGITAL TWINS FOR CLIMATE RESILIENCE

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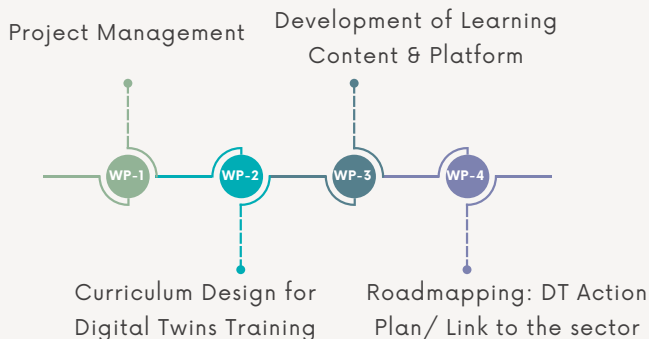
PROJECT SUMMARY:

The DigitalResilience project expects to foster long-term impacts by promoting the adoption of digital twinning technology in the construction and engineering sectors, enhancing climate resilience skills among future and young professionals, and facilitating knowledge dissemination through closing workshops and outreach activities. DigitalResilience aims to deliver a specialized online learning platform and modules, and guidelines for curriculum integration in educational institutions.

PROJECT TIMELINE:



PROJECT WORKPACKAGES (WP):



PROJECT OBJECTIVES:

Specific objectives are:

- Develop a Digital Twins learning platform for higher education students and young professionals to simulate and model climate-related buildings/structures.
- Design customized training modules and curriculum to address climate change challenges in the Construction & Engineering sectors, such as extreme wind and thermal variations.
- Facilitate knowledge exchange and collaboration between Higher Education Institutions, Vocational Education and Training organizations, and industry to co-create innovative learning resources and guides.
- Promote environmental resilience and sustainability in the built environment through digital technologies.

