

January 2025

Digital Twin Technology Meets Education!

The DigitalResilience project aims to empower future and young professionals in the construction and engineering sectors with digital twinning expertise to tackle climate-change resilience.

The project specifically focuses on stimulating innovative learning and teaching practices in Higher Education (HE), adapting vocational education and training to labour market needs (VET), and addressing environmental challenges, particularly in the fight against climate change.

While the project generates impact in both, HE and VET sectors, its main goal is to support HE in the co-creation of knowledge for a new generation of professionals who master resilience, digital technologies, and sustainability, hence, fostering interdisciplinary collaboration between innovation and industry.

Discover Our Project Team

Here is our team comprising various expertise:

◆ [ORITIA & BOREAS](#) Engineering SME

◆ [ENTER](#) Education - SME

◆ [EGE UNIVERSITY](#) Higher Education

◆ [EOLAS](#) Innovation SME



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VET Adapts to Labor Market Needs!

The project addresses the need to adapt VET to labour market needs by developing a novel curriculum and online course tailored to young professionals in the Construction and Engineering (C&E) sectors.

By imparting skills in digital twinning and climate-related scenario analysis, DigitalResilience equips participants to contribute to sustainable and resilient construction practices.

Moreover, the project facilitates the transition from HE to VET, providing a methodology to align innovative learning with industry demands, particularly benefiting SMEs striving for circularity and innovation.

Specific Objectives

Here are some of our specific objectives:

- ✓ Digital-Twins (DT) learning platform for HE students and young professionals,
- ✓ Training modules and curriculum to address climate change challenges in the C&E sectors.
- ✓ Innovative learning resources and guides.
- ✓ To promote environmental resilience and sustainability



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