

ET4Digital

Empowering Trainers for Digital Innovation in the Construction Ecosystem

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CONTEXT

The **construction sector** is undergoing a **rapid digital transformation**, driven by emerging technologies such as BIM, IoT, Digital Twin, AI, and VR/AR.

However, small and medium-sized enterprises (SMEs) and vocational training providers often face **barriers in adopting these innovations**, including a lack of digital skills and limited access to tailored training opportunities.

ET4DIGITAL addresses these challenges by **empowering VET trainers with the competencies and tools needed** to guide the sector through the digital transition.

ACTIVITIES

The project develops through a set of coordinated activities:

- **Analysis of the digital ecosystem** in the construction sector across partner countries, through literature review, surveys, and focus groups.
- Design of a **new teaching approach for VET** trainers, integrating digital tools and experiential learning methods.
- Development of a **Digital Twin demonstrator** to support hands-on training with cutting-edge technologies.
- Capacity-building programme including a **transnational training course for trainers and guidelines** for the replicability of the model in national VET systems.
- **Continuous communication, dissemination, and quality monitoring** to ensure impact and sustainability.

TIMELINE

December 2024 – Kick-off meeting.

April 2025 – Completion of the digital ecosystem analysis (WP2).

April 2025 – November 2025 – Development of the new teaching approach and Digital Twin demonstrator (WP3).

November 2025 – Transnational training course in Bologna.

2026 – Pilot test of training programmes on digital technologies addressed to trainers

OUTPUTS

- **Analysis of the Digital Ecosystem** in the Construction Sector.
- International **Stakeholder Panel**.
- A **Digital Twin demonstrator** for experiential training.
- A **transnational training course for VET trainers** (November 2025, Bologna).
- **Guidelines for replicability** of the innovative teaching model in VET systems.
- **Communication tools**: project website, newsletters, and social media channels.