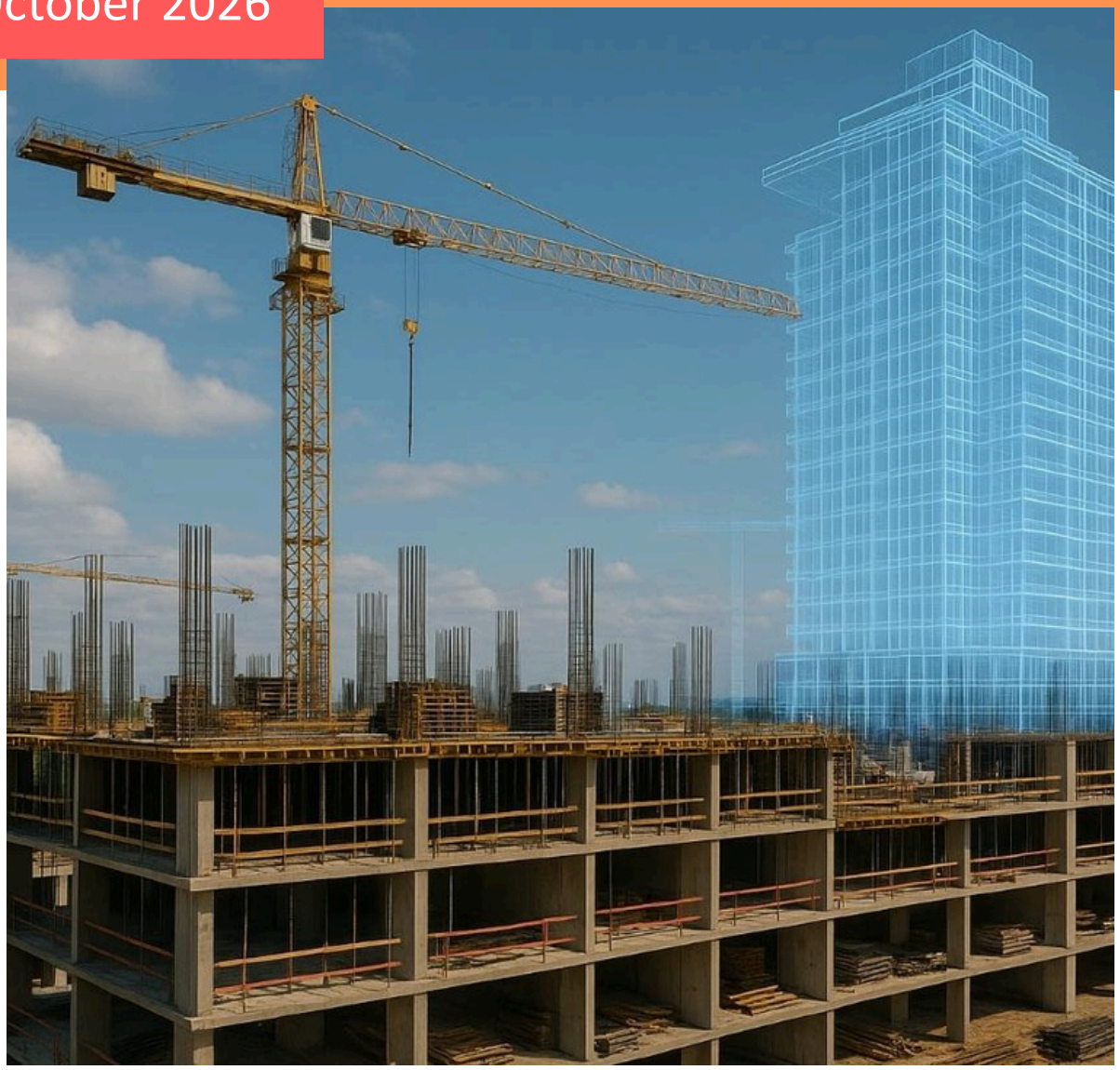
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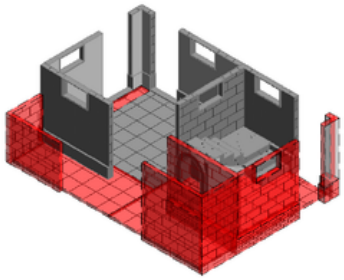
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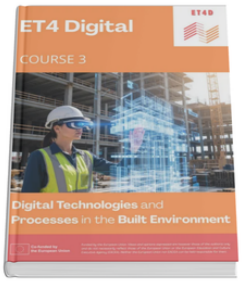
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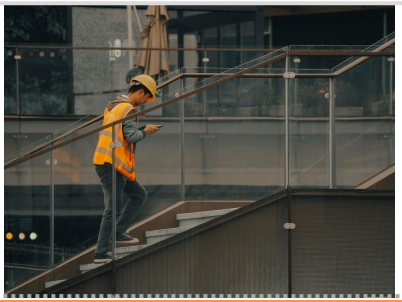




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Available project Results & Resources



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Analysis of the digital ecosystem in the construction sector

- Framework of digital technologies applicable to the construction sector.
- Map to assess digital skills of trainers and teachers.
- Stakeholders Panel for dissemination and enhancement.

New teaching approach for digital transition

- Innovative demonstrator for the digital ecosystem with the Digital Twin (DT) model.
- Transnational training for teachers and professionals.
- Guidelines for the use of the demonstrator.

Capacity building Programme for trainers

- Capacity Building Programme for Trainers and teachers.
- Pilot testing and validation of the capacity building programme.
- Regional event for dissemination of the outcomes.

Capacity Building programme

ET4Digital's Capacity Building Programme: turning digital innovation into practical skills

Four courses help VET trainers and construction SMEs explore digital technologies and overcome the challenges of adopting them

How can construction professionals make the most of digital technologies? And what skills do trainers and small and medium-sized enterprises (SMEs) need to put them into practice? The ET4Digital Capacity Building Programme addresses these challenges, offering practical learning resources to support the sector's digital transformation.

Developed by the project consortium, the programme brings together **four courses covering both digital technologies and the organisational changes needed to adopt them successfully:**

- **Digital Technologies for Construction and Renovation:** explores tools such as the Internet of Things (IoT), sensors and augmented and virtual reality.
- **BIM for SMEs:** introduces Building Information Modelling (BIM), collaborative workflows and practical approaches to implementing BIM in small and medium-sized companies.
- **Digital Technologies and Processes in the Built Environment:** examines Digital Twins, artificial intelligence (AI) and other technologies that support data-driven decision-making, monitoring and asset management.
- **Removing Cultural Barriers to Digitisation in SMEs:** focuses on overcoming resistance to change, engaging employees and fostering a digital culture within organisations.

Beyond explaining how these technologies work, the programme connects digital knowledge with practical application through exercises, examples and case studies.

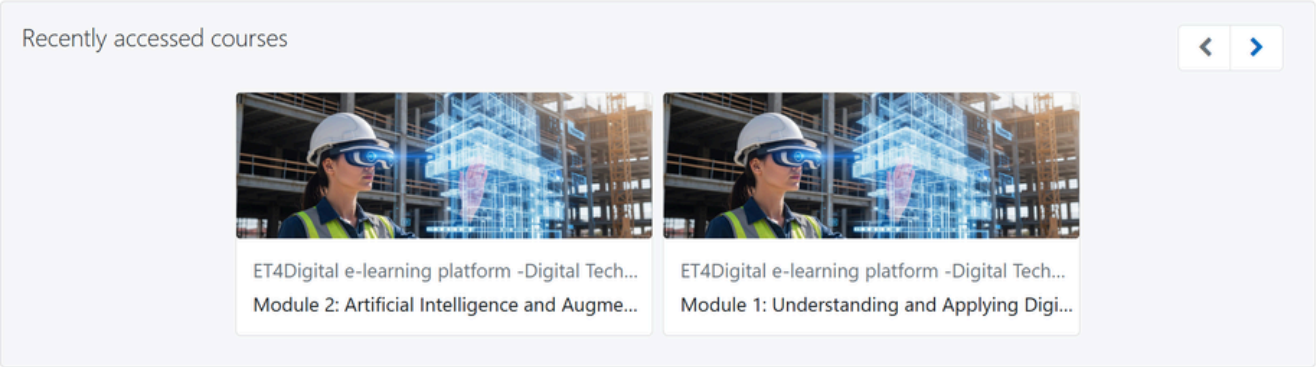
By equipping VET trainers and providers with resources they can bring into their own training activities, ET4Digital helps bring digital innovation closer to the people who can put it into practice. The programme is a key project result, supporting the development of digital competences and helping construction SMEs prepare for a changing technological landscape.



Capacity Building programme

ET4Digital training modules now available on the e-learning platform

The ET4Digital project has published its Capacity Building Programme on the e-learning platform of the Knowledge and Skills Management Center (K&S), making the training modules accessible to trainers, teachers and construction professionals. At present, Module – "Digital Technologies and Processes in the Built Environment" – is available online, covering Digital Twins, AI, drones, laser scanning and their interoperability with BIM to strengthen readiness for the next generation of construction tools. The course is designed for blended learning and can be used by VET trainers and SMEs in the construction sector. Trainers and professionals are invited to explore the course, test it in real training settings and share feedback to support further validation and wider use.



Access **Module 1**

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Access **Module 2**

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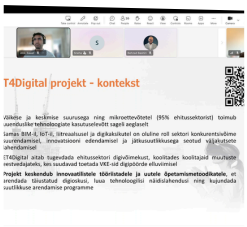
National Multiplier Events

ET4Digital shares its results with more than 100 participants across seven European countries

Between August and October 2026, ET4Digital partners organised dissemination events in seven European countries, reaching more than 100 participants. The events brought together VET professionals, construction companies and other stakeholders to present the project's results and explore their practical applications.











Partners showcased key resources, including the Digital Technologies Demonstrator based on BIM and Digital Twins, the Map of Digital Skills for Trainers, the e-learning platform and the four-module Capacity Building Programme. Discussions addressed how these tools can support training, strengthen digital competences and help SMEs adopt new technologies.

National events also highlighted specific needs and opportunities, from integrating resources into training programmes to using digital technologies in demolition and improving construction and demolition waste management. Participant feedback emphasised the importance of practical exercises, real-life case studies and resources adapted to different levels of digital competence.

Overall, the events raised awareness of ET4Digital's results and fostered knowledge exchange among European training and construction stakeholders, supporting the sector's ongoing digital transformation.

Final Conference in Klagenfurt

ET4Digital presents its key results at the Final Conference in Klagenfurt





On 1 October 2026, ET4Digital held its Final Conference at the Lakeside Science and Technology Park in Klagenfurt, Austria. **The event brought together project partners and stakeholders** to explore the role of digital technologies and skills in transforming the construction sector.

The conference opened with welcome remarks by Riccardo Cariani from the European Center of Entrepreneurship Competence & Excellence, followed by a presentation of the project's objectives and key results by Sara Olivieri from IIPLE.

The programme addressed **the digital and technological evolution of the construction sector**, with contributions from Angela Araldi, EU Project Manager and Innovation and BIM Expert, and Milad Botros, AI Manager, both from R2M. Marco Bragadin and Andrea Ballabeni from the University of Bologna presented **the evolution of the ET4Digital Demonstrator**, showcasing the project's work on digital tools for construction.

A further session, coordinated by Max Rapa from Fundación Laboral de la Construcción (FLC), focused on strengthening digital skills among trainers and VET providers to support SMEs in their digital transition, with feedback from all project partners. **The session highlighted ET4Digital's commitment to equipping trainers with the knowledge and resources needed** to help small and medium-sized construction companies adopt innovative technologies and new working methods.

Through its activities and results, **ET4Digital has supported the development of digital competences** among trainers and VET providers and has promoted the use of innovative technologies to help construction SMEs navigate the digital transition. The Final Conference has provided an opportunity to showcase this work and **highlight the project's contribution to innovation across the construction ecosystem**.

Key Learnings & Future Perspectives

ET4Digital: lessons learned and future perspectives for digital construction skills

From mapping digital skills needs to testing innovative training resources, ET4Digital has laid the foundations for a more digitally prepared construction workforce



Digital transformation in construction requires more than access to new technologies. It also depends on **understanding the sector's needs**, identifying skills gaps and equipping trainers with the knowledge and resources to prepare professionals for new ways of working. This has been one of the central lessons of ET4Digital.

The ET4Digital project consortium has explored **how vocational education and training can better respond to the digital transformation** of the construction sector.

They analysed the sector's digital ecosystem and developed a map to assess trainers' digital skills. These findings informed **a new teaching approach**, a Digital Twin demonstrator and guidelines for its use, as well as a Capacity Building Programme for trainers, transnational training activities and pilot testing.

The Stakeholders Panel and regional dissemination events helped **share these results and gather feedback** from training and construction stakeholders. Looking ahead, these resources offer opportunities to strengthen digital competences, support trainers and adapt vocational education and training to the sector's evolving needs.

As a project co-funded by the Erasmus+ programme, ET4Digital demonstrates the value of European cooperation in developing shared approaches to vocational education and training. Its results provide **a basis for further efforts to strengthen digital competences** and support the construction sector as it navigates technological change.

About the Project

ET4DIGITAL is a transnational **Erasmus+ project co-funded by the European Union under the KA220-VET action**, which supports cooperation partnerships in the field of Vocational Education and Training (VET). The project brings together public institutions, training providers, research organisations, and innovation-driven SMEs from different European countries, **working collectively to strengthen digital competences in the construction sector.**

Through coordinated Work Packages and cross-border collaboration, **the project addresses common challenges in digital upskilling and supports the development of a shared European training model.** Activities are designed to deliver practical solutions, such as methodological frameworks, competence maps, training modules, and pilot experiences, all aimed at empowering VET trainers as key enablers of digital transformation.

ET4DIGITAL is co-financed by the European Commission, with each partner contributing in line with Erasmus+ rules. **The project reflects the broader goals of the EU Digital Education Action Plan (2021–2027) and is fully aligned with key reference frameworks like DigComp, DigCompEdu, and ECSO**, ensuring high-quality and future-oriented results.

With a duration of 24 months, ET4DIGITAL builds on the results of previous EU-funded initiatives while introducing innovative tools and methodologies specifically tailored to the needs of construction SMEs and vocational training institutions. The project has a strong focus on sustainability, inclusion, and impact, **contributing to the European Union's twin transitions—digital and green—by equipping trainers with the competences needed** to support modern, resilient, and environmentally responsible practices in the construction industry.

ET4DIGITAL will serve as a blueprint for future European capacity-building initiatives, offering scalable models and resources **that can be adapted at national and local levels to support the evolving needs of VET ecosystems**.

Find out more about ET4Digital project:

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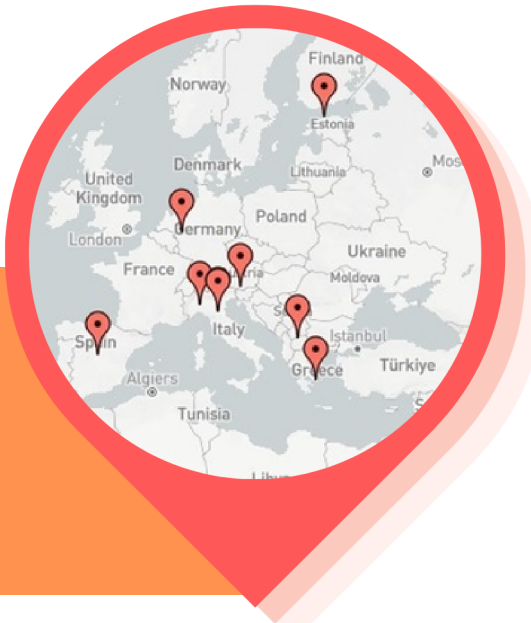
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