

# BIM4D

**Project E-Newsletter No. 4, FEBRUARY 2026**

## What is BIM4D?

Our initiative, funded under the Erasmus+ Key Action 2, aims to integrate green and digital skills in Building Information Modelling (BIM) at the end-of-life phase of building practices. This endeavor will enhance sustainability and digital transformation in the construction industry through focused vocational education and training.

## Developing green and digital skills for the use of BIM at end-of-life practices

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BIM4D.EU

[BIM4D on EC portal](#)



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### Project closure and key achievements

After a two-year collaboration, the BIM4D Erasmus+ project has reached its conclusion. Beginning in March 2024, partners from six European organizations collaborated to enhance green and digital skills for Building Information Modelling (BIM) in the end-of-life practices of buildings. The project addressed a significant gap in the construction sector: while BIM is increasingly utilized in design and construction, its application in deconstruction, reuse, and circular material management remains limited across Europe. BIM4D thus concentrated on developing the skills, training, and policy dialogue necessary to support transitions toward circular construction.

## Project in numbers

**650+** stakeholders engaged across Europe

**224** survey respondents in BIM/  
EOL needs assessment

**163** workshop participants

**279** national policy roundtable participants

**6** training modules developed

**1** digital learning platform launched

These activities connected the construction and demolition sector, vocational education and training (VET), and public authorities, supporting a shared European learning ecosystem for circular construction.

## BIM4D training package now available

A central outcome of BIM4D is the BIM4D Training Package, designed to support professionals, learners and trainers in applying BIM to sustainable deconstruction and material reuse.

The training programme consists of six modules:

1. Introduction to Deconstruction and Circular Construction
2. Standards and Regulations
3. Material Reuse
4. BIM Tools for Material Mapping and Waste Tracking
5. Case Studies
6. Deconstruction Practice

Each module includes learner materials, trainer guidance, exercises and quizzes.

The course is hosted on the BIM4D e-learning platform:

👉 <https://bim4dtraining.eu>

👉 <https://bim4d.eu/resources>

Participants completing all modules and quizzes receive a digital BIM4D Certificate of Completion, confirming knowledge of BIM-supported circular deconstruction practices.

## What we learned from national policy roundtables

Between 2024 and 2025, BIM4D partners organised national roundtables in all participating countries to discuss BIM use in EOL processes with industry, VET and policymakers. Cross-country analysis identified several common findings:

### **1. BIM at EOL remains an emerging practice**

Across Europe, BIM is mainly used in design and construction. Its application in deconstruction, reuse planning and waste tracking is still limited and mostly confined to pilot or advanced projects.

### **2. Skills gaps are a major barrier**

Companies highlighted shortages of personnel trained in BIM-based material inventorying, digital documentation and circular workflows. Basic digital literacy and data management skills were also lacking in many SMEs.

### **3. Fragmented data and standards hinder reuse**

Stakeholders emphasised missing interoperability between BIM models, waste classifications and material databases. This prevents efficient digital material passports and reuse planning.

### **4. Economic and SME constraints slow uptake**

SMEs face cost and time barriers when adopting BIM for EOL. Without incentives or public procurement requirements, circular digital practices remain difficult to implement.

### **5. Policy frameworks are evolving but incomplete**

EU initiatives such as Digital Product Passports and circular construction policies are seen as promising enablers, but still require harmonisation and practical implementation guidance.

# Final project conference in Ljubljana

The BIM4D Final Conference was held on 15 January 2026 in Ljubljana, hosted by the Chamber of Construction and Building Materials Industry of Slovenia (GZS ZGIGM). Partners from Greece, Italy, Belgium and Slovenia attended in person, while the German partner joined online. The event presented the BIM4D training programme, national and transnational policy findings, and lessons learned from implementation activities. The conference also served as a platform for exchange between project partners and external stakeholders, highlighting how BIM-enabled deconstruction can support circular construction policies and workforce transition. The meeting concluded with networking and reflection on future cooperation opportunities beyond the project.

## Multiplier events and outreach across EU

### **Slovenia – Multiplier Event (16 January 2026)**

GZS ZGIGM organised a national multiplier event in Ljubljana with approximately 35 vocational students, 6 teachers and 20 industry representatives. Participants were introduced to BIM4D results, the training platform and the role of BIM in circular deconstruction.

Students from the final year of the Secondary Construction School Ljubljana actively explored the modules and discussed how BIM could influence future construction professions. Many participants enrolled in the BIM4D platform immediately after the event and expressed interest in completing the course.

Teachers highlighted the relevance of BIM4D content for vocational curricula, while companies emphasised the need for practical training that connects BIM, material reuse and circular construction workflows.

### **Italy – Dissemination and Training Events (12 February 2026)**

Italian partners organised dissemination and training sessions with construction schools, trainers and professionals, presenting BIM4D outputs and demonstrating the training modules. Particular attention was given to selective deconstruction and material reuse practices in renovation projects.

Participants highlighted the growing relevance of circular construction policies in Italy and the need for BIM-based approaches to support reuse and waste reduction. The BIM4D platform was welcomed as a structured and accessible learning tool for both students and practitioners.

### **Germany – Multiplier Activities (13 February 2026)**

The German partner organised multiplier activities targeting vocational trainers, construction companies and digitalisation experts in the building sector. The events focused on integrating BIM-EOL skills into professional training programmes and aligning BIM4D content with German VET frameworks.

Stakeholders emphasised the importance of structured digital data management and interoperability in circular construction processes. The BIM4D modules were recognised as a useful basis for further training development in demolition and refurbishment contexts.

### **Greece – Outreach Event (19 February 2026)**

PEDMEDE organised a national dissemination event with construction professionals and engineers focusing on BIM adoption in EOL practices and sustainable waste management. The event presented BIM4D training outcomes and demonstrated how BIM can support selective deconstruction and material traceability.

Participants discussed national barriers to BIM uptake in demolition and renovation projects, including regulatory gaps and limited digital maturity in SMEs. The BIM4D platform was presented as a practical tool to build digital competencies in the Greek construction workforce.

### **Belgium – Multiplier Event (24 February 2026)**

IFAPME organised a national multiplier event bringing together VET providers, trainers and construction professionals to explore BIM4D results and the training platform. Participants tested selected modules and discussed their applicability in vocational training pathways.

The event confirmed the need to strengthen BIM competencies specifically for renovation and deconstruction sectors, where digital practices remain less developed than in new construction. BIM4D materials were considered relevant for continuing education and lifelong learning programmes.

## Sustainability and continuation

Although BIM4D formally concludes in February 2026, its results remain available for long-term use:

- Free BIM4D online course
- Training materials and case studies
- Policy reports
- Digital platform and resources

Stakeholders are encouraged to continue using and adapting BIM4D training in education, professional development and industry practice.

👉 <https://bim4d.eu>

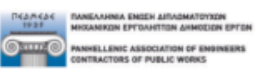
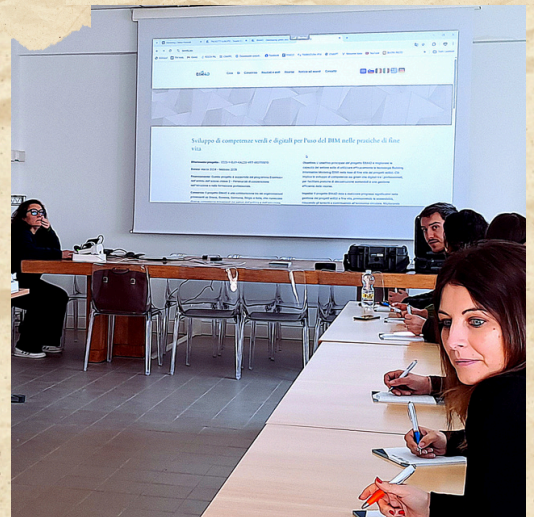
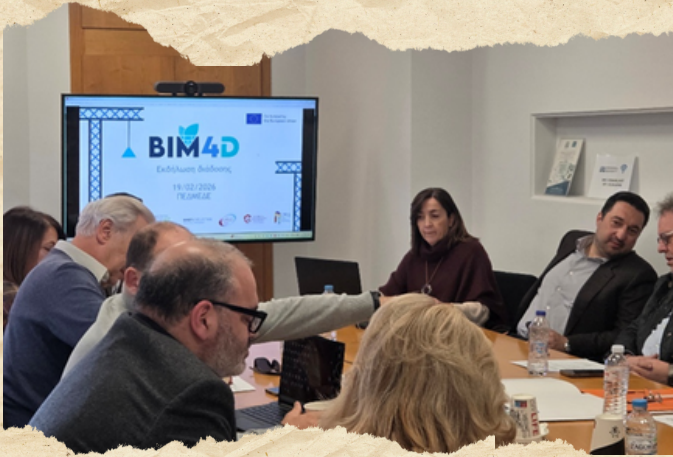
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BIM4D demonstrates that BIM-enabled circular construction requires integrated progress in skills, policy and digital tools. The project provides a foundation for this transition across Europe.

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