

GREENBUILDED

NEWSLETTER NO. 1

Building Green and Digital Skills for the Future of Construction



Issue 1 | Reporting period September 2025 – August 2026 | Project duration September 2025 – August 2027 |
Germany • Greece • Sweden • Ukraine

GreenBuildEd – Transformative e-Learning for Zero Energy Construction | Erasmus+ KA220-VET Cooperation
Partnership | Project No. 2025-1-DE02-KA220-VET-000363046 | Coordinated by BFW NRW gGmbH, ABZ Kerpen

Green skills. Digital tools. Real-world construction training.

Since September 2025, five partner organisations have been working together to make vocational education and training in construction greener, more digital and more practice-oriented. GreenBuildEd combines sustainable and energy-efficient construction with e-learning, BIM and Virtual Reality. The training is designed for VET learners at EQF Levels 2–3, for their trainers and teachers, and for professionals already working in construction. Alongside climate-neutral building across Europe, the partnership gives particular attention to the skills needed for the reconstruction of Ukraine.

Our milestones so far

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| ✓ European partnership established | ✓ Kick-off meeting held in Uppsala (November 2025) |
| ✓ Website and social media launched 
greenbuild.ed.eu  GreenBuildEd  GreenBui
IdEd | ✓ Visual identity and communication strategy developed |
| ✓ Training needs and priorities identified and curriculum framework approved | ✓ Trainer Handbook and module structure prepared |
| ✓ 12 e-learning modules (EQF 2–3) substantially developed | ✓ 5 BIM learning applications defined |
| ✓ 10 VR learning scenarios prepared | ✓ Peer review and quality approval established |
| ✓ Moodle-based learning platform set up | ✓ Concepts for badges, forum and testing developed |
| ✓ 2nd Transnational Project Meeting held in Thessaloniki (1–2 July 2026) | ✓ Regular Steering Committee meetings held |

What are we developing?

12 digital learning modules (EQF Levels 2–3)

Practice-oriented content on sustainable and energy-efficient construction, zero-energy buildings and digital transformation for vocational and continuing education. Each module combines multimedia materials, practical exercises and quizzes.

BIM and Virtual Reality

Five BIM learning applications and ten VR scenarios will make construction processes, digital building models and practical situations interactive.

A European learning platform

One shared environment for modules, BIM, VR, certification, digital badges, exchange, feedback and testing. The platform is built on Moodle and developed by Metropolitan College.

Quality from the start

Internal reviews, external expert assessments, documented corrections and approvals support professional relevance and pedagogical accessibility.

Our partner contributions

**BFW NRW gGmbH,
Germany**

Project coordination, overall management and connection to the construction industry. Extensive contributions to modules, pedagogical concepts and BIM- and VR-related learning content. Leads the Train-the-Trainer and blended training activities.

**BK Consult GmbH,
Germany**

Quality assurance, monitoring, peer review and dissemination. Transparent procedures for assessment, corrections and evidence documentation.

**Folkuniversitetet,
Sweden**

Expertise in vocational and adult education, inclusive pedagogy and sustainability. Contributions to developing and pedagogically reviewing modules and VR scenarios. Led the needs analysis and the curriculum framework.

**Metropolitan College,
Greece**

Expertise in digital learning and technical development. Contributions to modules, BIM, VR concepts and technical development of the learning platform. Development and operation of the Moodle platform; host of the second project meeting in Thessaloniki.

**Konotop Higher
Vocational School,
Ukraine**

Ukrainian VET perspective and contributions to developing, adapting and reviewing practice-oriented learning and VR content. Links the project to reconstruction needs in the Ukrainian construction sector.

What comes next?

- Finalisation and quality review of the 12 e-learning modules (autumn 2026)
- Further development and validation of BIM learning applications
- Technical development and testing of VR scenarios
- Further development and testing of the GreenBuildEd platform
- Testing of the e-platform with learners, trainers and partner organisations (until December 2026)
- Certification, digital badges and discussion forum (by November 2026)
- Train-the-Trainer in every partner country (December 2026 – January 2027) and blended training for VET learners: 50 hours online plus one week face-to-face (February – May 2027)
- 2 webinars, 2 online seminars and 4 national hybrid events (until August 2027)

Join the GreenBuildEd community

Would you like to take part? Trainers, VET providers and construction companies are welcome to join the testing of the e-platform and to receive the next issue of this newsletter — just write to us.

 greenbuild.ed.eu  [GreenBuildEd](#)  [GreenBuildEd](#)  u.goos@bauindustrie-nrw.de

#GreenBuildEd #ErasmusPlus #VET #GreenSkills #SustainableConstruction #BIM #VRinEducation



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