nZEBRA

Co-funded by the European Union

Empowering Europe's building sector leaders

Designing energy-efficient buildings through interdisciplinary education

We will develop...

- An intensive short-term course in climate-neutral buildings
- A Train-the-Trainer toolkit
- A booklet with challenge-based learning scenarios

Contact

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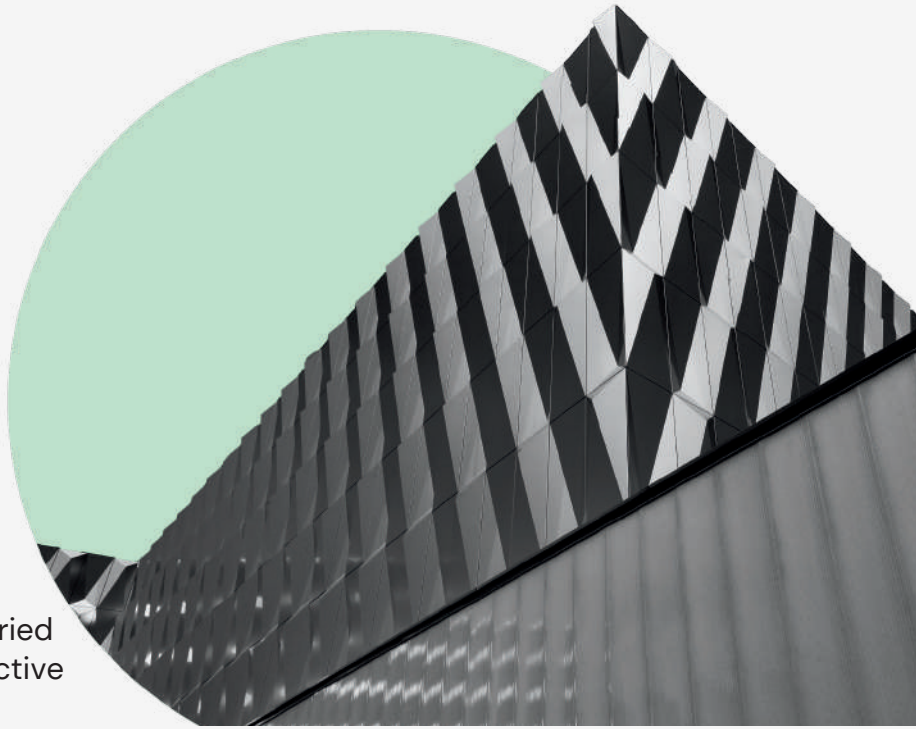
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We enhance nZEB skills for sustainable building design and climate action

The nZEBRA project aims to empower professionals and Master's students in architecture, civil and energy engineering in designing innovative solutions for climate-neutral buildings.

Our intensive blended course, built on micro-credentials, addresses the pressing demand for skilled professionals, contributing to global efforts in mitigating climate change.





The nZEBRA project will develop an intensive blended course in climate-neutral buildings based on micro-credentials. The activities carried out to reach the project's main objective include:

- Crafting a curriculum that promotes interdisciplinary, hands-on learning through cutting-edge digital methods and practical assessments in the realm of climate-neutral buildings.
- Developing interdisciplinary educational content that spans the entire life cycle of sustainable construction, with a focus on climate-neutral buildings.
- Creating guidance and practical tools to facilitate challenge-based learning scenarios in the project, accompanied by a toolkit for training instructors in utilising BIM and BEM software for sustainable building solutions.
- Implementing and assessing the effectiveness of the Climate-Neutral Buildings blended course in providing interdisciplinary, practical training that aligns with current educational demands and market needs in building performance.
- Developing a strategy for the consistent delivery and integration of the project course within partner institutions and other Higher Education Institutes (HEIs), aiming for formal inclusion in master programmes and seeking international accreditation