

To deal with global challenges we face such as climate change, the New European Bauhaus vision depends on educated and empowered citizens. According to this initiative, architecture and urban planning are only effective when a multidisciplinary approach is applied. This is even more important when integrating sustainability into design education and research.

This paper presents the results of an experimental study conducted during four months of the first semester of a master's degree program in civil engineering and architecture at the University of Liège and as part of an integrated design process. In this case study, the design studio is not only connected to a Sustainable Architecture and Urban Design course but also, to multidisciplinary interventions provided by different professionals and experts that combine teaching and practice.

These interventions include contributions from several fields such as architecture, civil engineering, building envelope, structure, fire safety, heating, ventilation, air-conditioning, and sustainability issues.

A Multidisciplinary design education facing Climate change

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