Knowledge Alliance for Sustainable Mid-Rise and Tall Wooden Buildings

KnoWood
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The aims of the KnoWood Erasmus+ Project are to fulfil the future demands in higher education including entrepreneurial approaches to teaching and learning, innovation, sustainability, transnational, trans-disciplinary understanding in sustainable mid-rise and tall wooden buildings, which will increase sustainable growing forestry, employment in the wooden construction industry, a large reduction of greenhouse gasses and will create new innovative sustainable knowledge and courses in academia.

PROJECT WILL PROMOTE COOPERATION AND INNOVATION AMONG EUROPEAN HEIS, RESEARCHERS, BUSINESS PARTNERS, ASSOCIATIONS, NETWORKS AND BROADER SOCIETY TO FOSTER DESIGN AND CONSTRUCTION OF MID-RISE AND TALL WOODEN BUILDINGS.

SPECIFIC OBJECTIVES

- To strategically research at which level sustainable design, construction and management of sustainable mid-rise and tall wooden buildings is being planned and implemented in the partners’ countries.
- To gather practical experience and knowledge on wooden buildings from business enterprises, associations and networks and to disseminate the information at KnoWood platform.
- To educate key target groups (students, teachers, craftsmen, entrepreneurs) in the field of the sustainability and the emerging global problems in construction.
- To implement the new strategic modules that meet the needs of the HEIs and market representatives and fulfil the future challenges of sustainable design and construction of mid-rise and tall wooden buildings.
- To improve competencies of students and teachers in problem solving and team work, innovative thinking, motivation, awareness of cross-professional project input and project management by using PBL approach.
- To ensure open awareness of the project results to local, national, EU level and transnational target groups.
PARTNERS

Project Coordinator
VIA University College (Denmark)
https://en.via.dk/

Universities
Polytechnic University of Catalonia - UPC(Spain)
https://www.upc.edu/en
Southern Alberta Institute of Technology - SAIT (Canada)
https://www.sait.ca/

Companies
University of Westminster (UK)
https://www.westminster.ac.uk/
Vilnius Gediminas Technical (Lithuania)
https://www.vgtu.lt/
Danish Technological Institute (Denmark)
https://www.dti.dk/
House Habitat (Spain)
https://www.househabitat.es/en/

Ideas Statikas (Lithuania)
http://ideastatika.lt/en
Registru Centras (Lithuania)
http://www.registrucentras.lt/en/
Study and Consulting Center (Lithuania)
Timber Research and Development Association - TRADA (UK)
https://www.trada.co.uk/

For further details please visit:
https://knowood.eu/