

HORIZON2020 program project No 54016 „Network for Using BIM to Increase the Energy Performance - Net-UBIEP“

HORIZON2020 project Net-UBIEP No 54016 „Network for Using BIM to Increase the Energy Performance - Net-UBIEP“ is initiated under the pillar H2020-EE-2016-2017 „Energy Efficiency Call of the Societal Challenge for Secure, Clean and Efficient Energy“. Project starts at 03/07/2017, the end of project is 02/01/2020. Project coordinator is Agenzia nazionale per le nuove tecnologie, l'energia e lo sviluppo economico sostenibile (Italy). Project partners: Centro Servizi Aziendale Scarl (Italy), ViaEuropa Competence Centre s.r.o. (Slovakia), Fundación Laboral de la Construcción (Spain), VšĮ „Vilniaus Gedimino technikos universitetas“ (Lithuania), VšĮ „Skaitmeninė statyba“ (Lithuania), Sveučilište u Zagrebu Građevinski fakultet (Croatia), Stichting Instituut voor Studie en Stimulering van Onderzoek op het gebied van gebouwinstallaties (Netherlands), Tallinna Tehnikaülikool (Estonia), Ústav vzdelávania a služieb, s.r.o (Slovakia), Agencia Estatal Consejo Superior de Investigaciones Científicas (Spain), Balance & Result Organisatie Adviseurs BV (Olandija), Mittetulundusühing Eesti Timmitud Ehituse Tugirühm (Estonia), Elips Jadran (Croatia). Project manager for VGTU part is assoc. prof. dr. Tatjana Vilutienė.

Net-UBIEP aims at increasing the energy performance of buildings by stimulating and increasing the use of BIM during the life cycle of a building.

Project will identify professional profiles involved in the NZEB building sector and will define specific BIM related competences. This inventory leads to insights for finding competence gaps in the existing BIM Professional Profiles. BIM Training schemes will be elaborated and validated with representatives of the different target groups in each of the seven participating countries. The partners will standardize the schemes for BIM Qualification Models through the CEN/BT/WG 215 “Building Information Modelling (BIM)”, which works in close relationship with ISO/TC 59/SC 13 – Organization of information about construction works, for the recognition of the BIM Professional Profiles at international level.

Four target groups have been selected according to their role in current building processes, namely Public Administrations, Professionals (Engineers/Architects), Technicians (Installers/Maintainers), Tenants/Owners/Building Administrator.

The usage of BIM Qualification Models to overcome the gap of energy performance competences in existing building professions. Each BIM Qualification Model will be composed of a BIM Training Scheme and a BIM Qualification and/or Certification Scheme. Net-UBIEP Project will increase energy performance related competences of at least six professional profiles: BIM evaluator, BIM facility manager, BIM manager, BIM coordinator, BIM expert, BIM user.

VGTU contributes to the project in development and testing of the model for BIM Qualification and Certification Scheme, development of BIM competency descriptions, training material and pilot trainings.

More information about project: www.net-ubiep.eu/

Co-funded by the Horizon 2020 programme
of the European Union

