

# NET UBIEP

Network for Using BIM  
to Increase Energy Performance



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





Agenzia nazionale per le nuove tecnologie,  
l'energia e lo sviluppo economico sostenibile



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- **To increase** energy performance of buildings by stimulating and increasing the use of BIM during the life cycle of a building.
- **To learn** how to use simulation to find the best solutions on different materials and components.
- **To use** BIM to decrease the environmental impact throughout the construction, management, maintenance, refurbishment and eventually the demolition of a building.



# Technology ...but also people

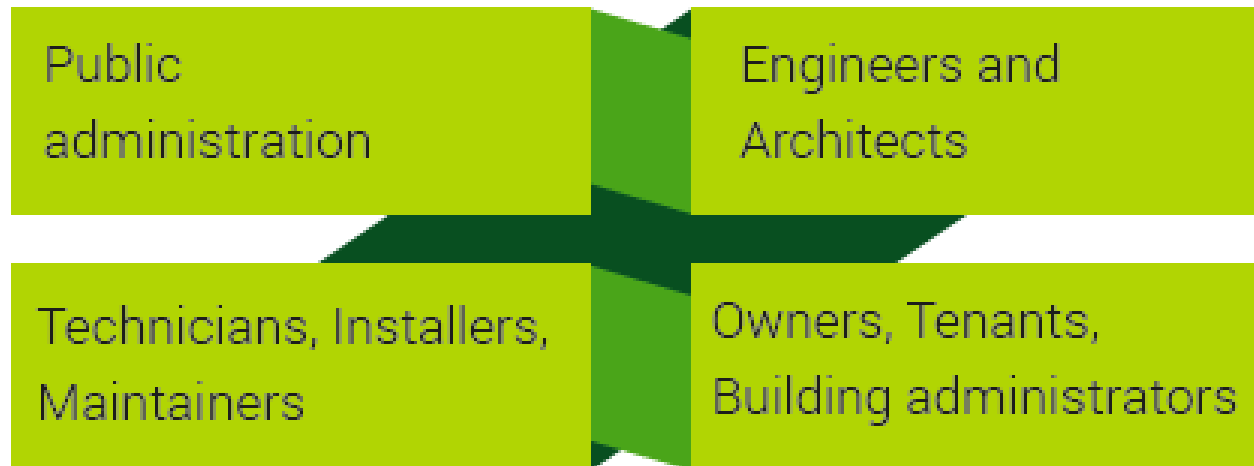
- To properly introduce BIM for energy performance evaluations, all professionals and technicians which participate in the building process must be aware of their role of collecting, managing and storing all required information.
- Each technician, public officer, designer, constructor, facility manager, supplier, etc, should understand which information they manage could potentially be used by any other actor.
- it is important that all the different actors use the same language, dictionaries and data structures.



# Target groups

Four target groups have been selected according to their role in current building processes,

- Public Administrations,
- Professionals (Engineers/Architects),
- Technicians (Installers/Maintainers),
- Tenants/Owners/Building Administrator



- Three dimensional matrix with the following descriptors:
  - Competences
  - Target groups
  - Phases of the building life cycle.
- BIM Training schemes for the different target groups in each of the seven participating countries.

# Qualification models

Seminars on BIM implementation strategies

Classroom courses on energy performance implementation in BIM

E-learning courses on the use of BIM in the life-time of the building

Seminars on improved energy performance and plant management using BIM

- Qualification Models to overcome the gap of energy performance competences in existing building professions. Each BIM Qualification Model will be composed of:
  - BIM Training Scheme
  - BIM Qualification and/or Certification Scheme.
- Development of at least six professional profiles:

