

# Net-UBIEP

## Network for Using BIM to Increase the Energy Performance

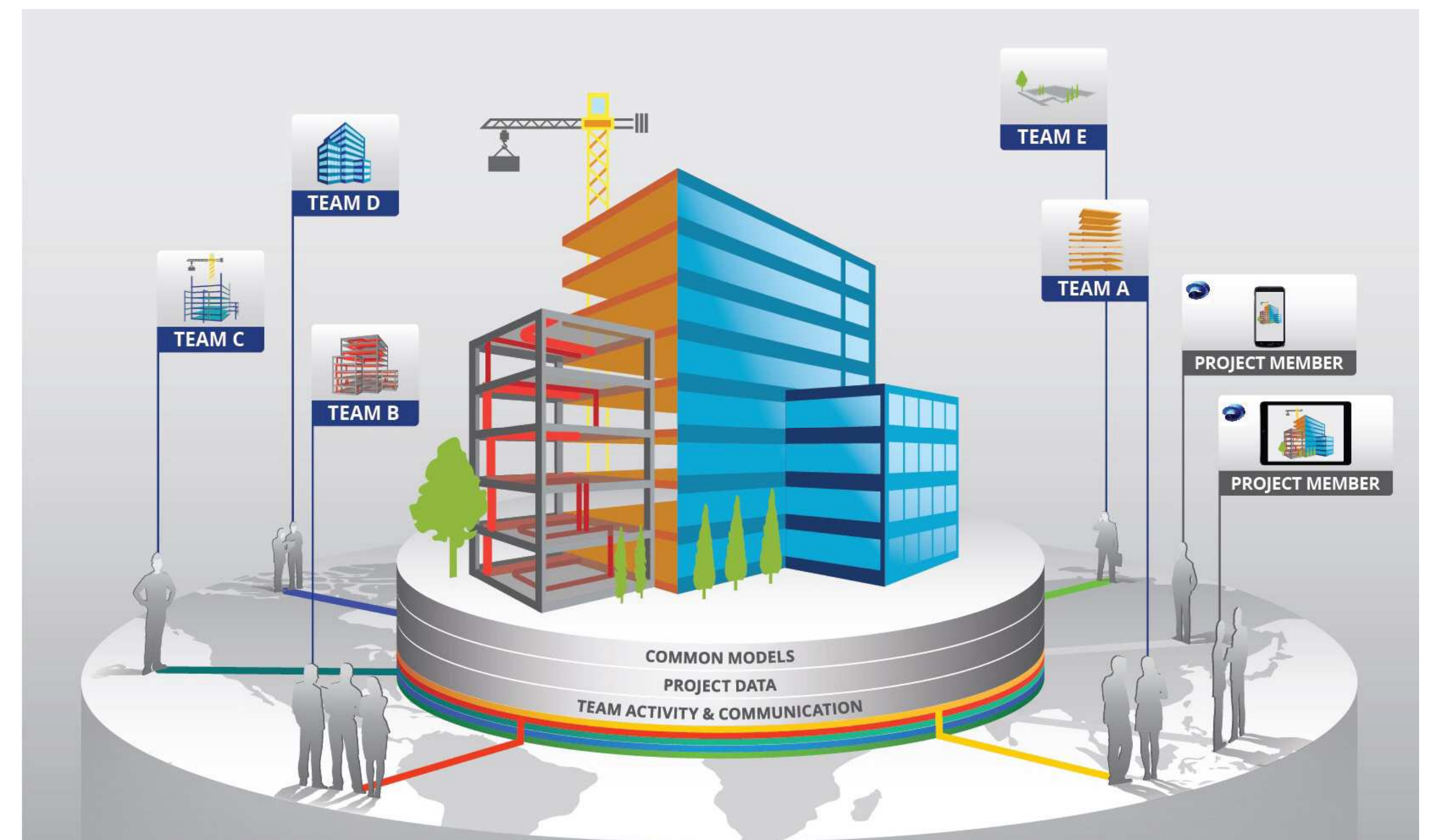


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Net-UBIEP project **aims to increase energy performance of buildings** by wide spreading and strengthening the **use of BIM** during the life cycle of the building.

The use of BIM will allow to simulate different influences on the energy performance of the building during different construction phases.

**Better management of the information during the whole life cycle of the building is absolutely necessary in order to avoid mistakes and have trustful information at any time / when an intervention is necessary.**



### PROJECT OBJECTIVES

#### Identification of a repertoire of BIM Professional Figures

Identify professional profiles involved in NZEB building sector

Define specific BIM related competences for each professional profile

#### Elaboration of three dimensional matrix

Identification of competences required to each target group

Indication of competences needed in each construction phase:

#### Development of BIM Qualification Models

Tackling the problem of energy competences gap in the existing buildings sector as a whole.

Composed by a BIM Training Scheme and a BIM Qualification and Certification Scheme.

Validation of BIM Training scheme

#### Standardization at European level of BIM Qualification Models

Presentation of schemes to the regulatory body (CEN)

Recognition of the BIM professional profiles within the CEN/BT/WG 215 and ISO/TC 59/SC 13.

#### Key target groups

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

#### Construction phases:

- Conceptual design,
- Structural design,
- Construction,
- Delivery of the information model to the owners,
- Maintenance,
- Refurbishment and
- Eventual demolish.

- CEN/BT/WG 215 "Building Information Modelling (BIM)"
- ISO/TC 59/SC 13 – Organization of information about construction works

**Net-UBIEP Project will increase energy performance related competences of 6 professional figures: BIM evaluator, BIM facility manager, BIM manager, BIM coordinator, BIM expert, BIM user.**



BIM Certification and Qualification Scheme intends to trigger a European process of definition of common BIM Professional Profiles.

The project will implement a BIM Training Scheme within a BIM Qualification Models to realize an up-skilling for 4 target groups within the building sector.

