 

Preparatory documents for the BIM Coaches training
January, 9 & 10 2018, Paris

# Questionnaire about the « BIM coaches » skills

In order to improve the training program and bring better answers during the training, it will be useful to have a better idea of the actual level of knowledge of the BIM coaches :

(this questionnaire is NOT a BIM coaches assesment, but only aims at specifiing their profil for a better preparation of the training course)

**Your knowledge about « BIM »**

limited knowledge

general ideas on the subject

actual practice with numerical model

participation in a BIM process

**Your professional network with building project decision-maker**

some first contacts with decision-makers

 confirmed relations with decision-makers

**Your professional network with building sector professionals**

No contact

 Contact with architects

 Contact with engineering offices

 Contact with building companies

**Your knowledge about building site works practices**

No practice

 a few occasions

 good knowledge of site practices

**Your knowledge in the field of energy efficiency**

None

 basic understanding of NZEB building

 effective understanding of NZEB building

 effective participation in NZED projects

**Your knowledge in the field of training**

no or little experience

 participation in training course drafting

 Actual trainer in the building field

**Your contacts with training organization for BIMplement**

very few

 some contacts to be explored more deeply

 important contacts with training organizations

**Your level in**

English

 **French**

# Criterias for the choice of BIMplement BIM projects

Following the analysis of §3 data, we shall be able to refine the following criterias in order to choose pilot projects for BIMplement.

By the end of the training course, these criterias will be specified. Here below, some first elements :

 **- general criteria for all**

* Client or real estate developer client already in favor of BIM use in his projects
* Projects in which design or mechanical 3D model is planned
* BIM volunteer companies (structural and/or mechanical works))
* … (other : to be specified during the training course)

 - **special criteria depending on each countries**

* to be specified during the training course

# Questionnaire on the state of the building market in each country

This questionnaire may be filled up by the BIMplement partners, and transmitted to the BIM coaches. (The more accurate will be these informations, the easier it will be to determine a strategy to contact clients)

The training course will start with a cartography per country on the following points :

 **- the BIM market in each country**

Are there any communication activities aiming at developing BIM in the building sector ?

 Are there any incentives to encourage the use of BIM ?

 How many BIM building projects (% of the total market)

 3D software rate of use (architect model) in the building sector

**- current market organization typology in the building sector (for a better understandin of BIM introduction impact)**

How does a client specifies his needs and requests when the project is described ?

 What are the demands toward architects and engineering offices ?

 Who and how are controlled the regulatory aspects in the project ?

 What decision share a construction company may have on a building project ?

 Who and how are distributed activities on the building site ?

**- The importance of NZEB or equivalent building project**

for construction project (%)

 for refurbishment project (%)

**- airtightness and ventilation implementation in buildings**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | Minimum regulatory requirements | NZEB Objectives |
| airtightness | New buildings |  |  |
| airtightness | renovation |  |  |
|  |  | Type of minimum compulsary requirements | System commonly used in NZEB buildings |
| ventilation | New buildings |  |  |
| ventilation | renovation |  |  |

**- possible implementations of training courses in the building sector**

Training market in the building sector

 Trainers Technical level in the BIM field

 Means /possibility to implement on-site training

# reference elements

# Here are a few informations on BIM state of development in GB (2017). It gives indications on the type of knowledge we need to obtain for each country so to specify the BIM future practice stakes.







