

Conclusions

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What were the goals of this conference

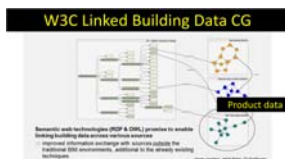
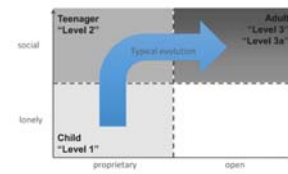
1. Establish link between BIM experts and EPBD experts
2. Understand what is Bim today and what it could be in the future
3. Understand what are the challenges for energy performance
4. Understand what could be the links between BIM and EPBD

Establish the links between BIM and EPBD experts

- Look at the results of the vote

Understand what is BIM today and what it could be in the future

- Bim development is in progress
- Social challenges
- Technical challenges : eg product data, bim to simulation, open bim...



Understand challenges regarding EPB

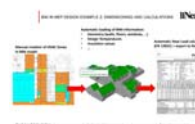
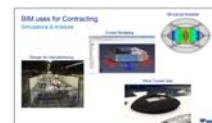
Critical issues regarding EPC calculations...

- The required effort to collect the EPC input data?
- Correct EPC input data?
- Why such a wide range of national calculation methods?
- Correct assessment of innovative technologies?
- Effective compliance and enforcement?
- Quality of the works?
- ...

Understand what could be the links between BIM and EPBD

We have seen a good set of examples

- Bim for buildings of new large buildings
- Bim for renovation of small buildings
- Bim for dimensioning and calculation
- Bim for commissioning
- Bim for training
- Bim for epbd standards
- Bim for writing of future regulation



Rewriting the legislation



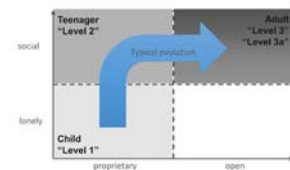
Set of EPB standards creates new opportunities for using BIM

- Good starting point: the EPB standards are **harmonized**, e.g.
 - calculation and input data (input data: geometry, materials, etc.)
 - calculation algorithm (also input data are used to which calculation)
 - calculation of energy needs and energy requirements (also input data for which methods to be considered)
 - technical building systems (material requirements derived from the comparison with existing buildings)
 - data databases (input data for generating, commissioning, monitoring)
 - calculation methodology and framework of methodology
- **Quality and value**
- The harmonized EPB standards (EN 15603) do not contradict the existing national legislation on energy performance of buildings and spaces
- **Supporting energy efficiency, energy, design, ... in the national EPB standards**

Do you think that we will need a second conference?

Some Challenges for the second conference

- We shall grow up together : Less child, more teenagers and adults



- Bim for operation of buildings

Smart Readiness Indicator - SRI

Measure the technological readiness of your building



- Bim for Life cycle analysis

