

# How to make BIM an SME-friendly tool

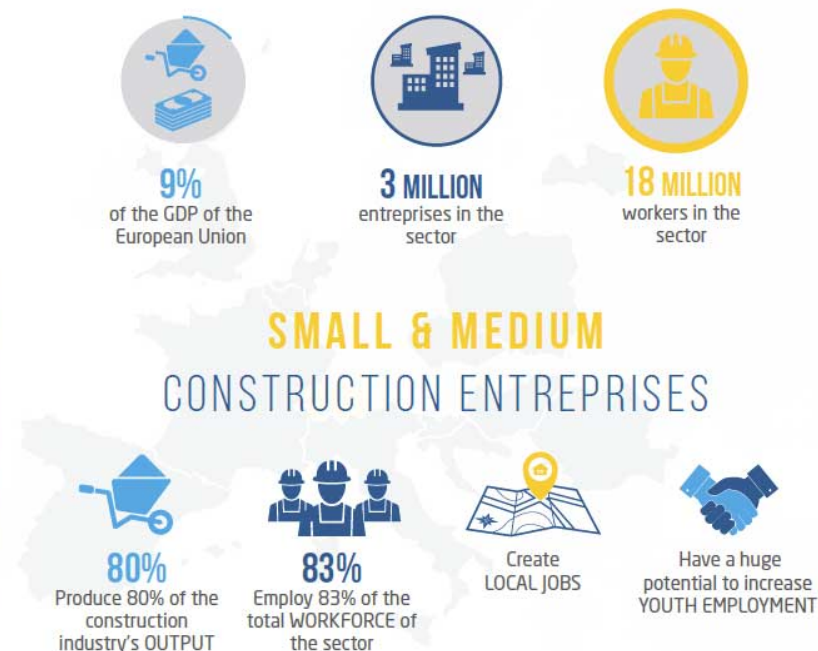
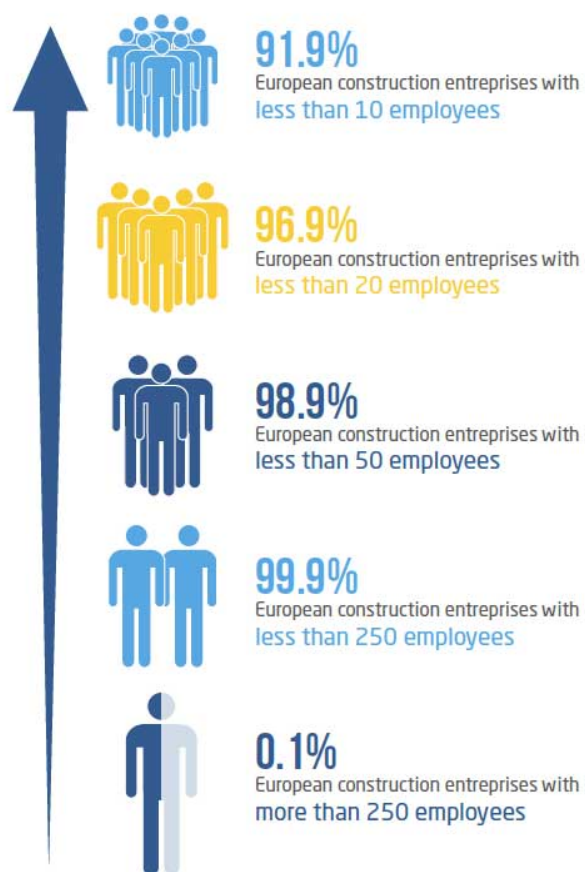
## ***BIM FORUM***

***BIM: Its need for national and international implementation***

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## THE CONSTRUCTION SECTOR



## YOUNG PEOPLE & WOMEN IN CONSTRUCTION

90% MALE

10% FEMALE

8% YOUNGER  
THAN 25

## EBC was established in 1990:

- 2015: 16 members in 14 countries
- 2016: 3 new members from 2 new EU countries

## EBC's network:

- 2 million construction SMEs represented
- All the different trades of construction
- 5 full-time staff members – 5 foreign languages
- Financed by membership fees
- Integrated by EU-financed projects



## Founding member of **SBS – Small Business Standards**

- SBS represents and defends SME interests in the standardisation process at EU and international level
- Established in December 2013
- 22 members in 32 countries
- 14 million SMEs
- Partner of CEN, CENELEC, ETSI and ISO
- Experts in 46 TCs in 19 sectors





## Involvement on BIM:

- Through SBS, EBC delegates an expert to CEN TC 442 on BIM
  - *TC scope: develop a structured set of standards, specifications and reports on BIM*
- EBC 2016 Annual Conference on “Innovation in construction”
- BIM Events (GeoBIM Europe, BIM EU SUMMIT) & Partner of BIMCommunity

## Why?

- Anticipate & prepare for the challenge/opportunity that BIM provides for SMEs
- Achieve BIM-related objectives is impossible without involving SMEs
- Great added-value of BIM for renovation projects
- Raise SME positions on BIM standardisation

## BIM-related SME needs: *Renovation market & Energy efficiency*

- Provide a different picture with regard to the use of BIM tools  
→ *Stress on the use for “traditional” buildings and renovation works*
- Develop BIM tools that can be adapted to the building renovation market  
→ *Existing buildings constitute the main business segment of micro and small enterprises in construction*
- Promote the adoption of BIM to facilitate higher energy efficiency and lower life-cycle costs of buildings  
→ *Reduce the energy consumption and environmental impact of construction sector*



## BIM-related SME needs: *BIM Tools & Training*

- Develop well-designed and economically accessible digital model tools for construction SMEs  
→ *Simplification of existing tools and bearable costs for training of final users.*
- Provide BIM trainings to construction workers and entrepreneurs in response to industry needs  
→ *BIM training programmes not limited to the use of software, but rather targeted to guide the relevant players towards the digital transition of the construction sector.*

## BIM-related SME needs: *Construction-related policies & standardisation*

- Digital model tools cannot constitute ground for exclusion of SMEs and be prescriptive for particular products  
→ *Users free to select and offer different products depending on market needs*
- Ensure a soft transition from traditional public procurement methods to BIM-based ones  
→ *EU BIM Task Group plays a fundamental role in bringing together national efforts*
- Ensure SME representation in the standardisation process of BIM  
→ *Needs and expectations of micro, small and medium-sized enterprises in how to design a European standardised approach to BIM*



## They said ... we say

*“What is good for Ford is good for America”*

Henry Ford - 1907

*“Quand le bâtiment va, tout va”*

*“When construction grows, everything grows”*

Member of the French Parliament – 1850

*“What is good for SMEs is good for construction”*

EBC - 2015

**SMEs are the key for BIM success in Europe**

**Thank you for your attention**

**Guido Sabatini**  
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