

BIM IN EUROPE



ARCHITECTS' COUNCIL OF EUROPE
CONSEIL DES ARCHITECTES D'EUROPE

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ACE BIM SWOT

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Strengths of BIM

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Weaknesses of BIM

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Opportunities of BIM

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Threats Facing BIM



ACE BIM SWOT

Strengths of BIM

Better planning process /
improve coordination and decisions making in projects - better overview

interdisciplinary coordination and exchange of data, clash detection etc)

Efficient tool to reduce errors

User and client involvement.
Visualization

Calculations and documentation

Cost

- software, training, scoping and implementing
- First projects need more time and resources (20%)

Difficult to see and communicate maturity level in design and detail level

Front loaded process

- detailing too much too early makes changes expensive, produce more for less fees
- Must be reflected in contract and fees

Weaknesses of BIM

Opportunities of BIM

Change of process and way of working

Strengthen architects role in managing the process (but BIM management is NOT the same function as project !)

Competitive advantage.

New visualization and design possibilities with technologies such as **virtual reality**, etc.

Liability and insurance risk

Change of process and way of working

If architect is not prepared: - other players in the industry taking architects position as coordinator and manager

Safety of Information (access, clouds, data protection) owner rights to data

Threats Facing BIM



ACE BIM WG – RECOMMENDATIONS

- Many issues related to BIM, standardization etc are at national level and cannot be solved at European/ACE-level
- ACE BIM WG recommend MOs to establish national expert BIM groups
 - to prepare local issues and inform local MO and members on BIM
 - to be in contact with local Building Smart, National Standardization body and other players in the industry
 - in order to react when the (also national) standards will be implemented
 - keep in touch with the industry, clients etc. to ensure best position, good contractual terms etc for the architect
 - explain for its MOs, national companies etc the status of BIM and organizations/initiatives around it – and prepare national strategies on BIM
 - prepare national CPD modules



ACE BIM WG – CHAIR RECOMMENDATIONS

- Chair recommend that BIM WG finishes its work in its current form.
- ACE BIMWG appointed as a “virtual” expert organization/ task force (to be decided by the new EB)
- 1-2 BIM experts joining ACE WG Scope of Services and Liability and Insurance.
- Liaison in CEN should continue.



Thank you for your attention ! 😊