

CitA

BIM GATHERING 2019



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for Irish Construction



Overcoming Resistance to BIM

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Overcoming Resistance To BIM: *Aligning A Change Management Method With A BIM Implementation Strategy*





Introduction

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Topics Covered

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1. Motivation for Research
2. Statement of the Problem
3. Research Question
4. Project
5. Findings
6. Conclusion



Motivation for Research

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Roadmap to Digital Transition for Ireland's Construction Industry 2018-2021





“Without Vision you will have confusion; without Skills you will foster anxiety; without Incentives you will meet Resistance; without Resources you will breed frustration; without a Plan you’ll go on to make false starts.”

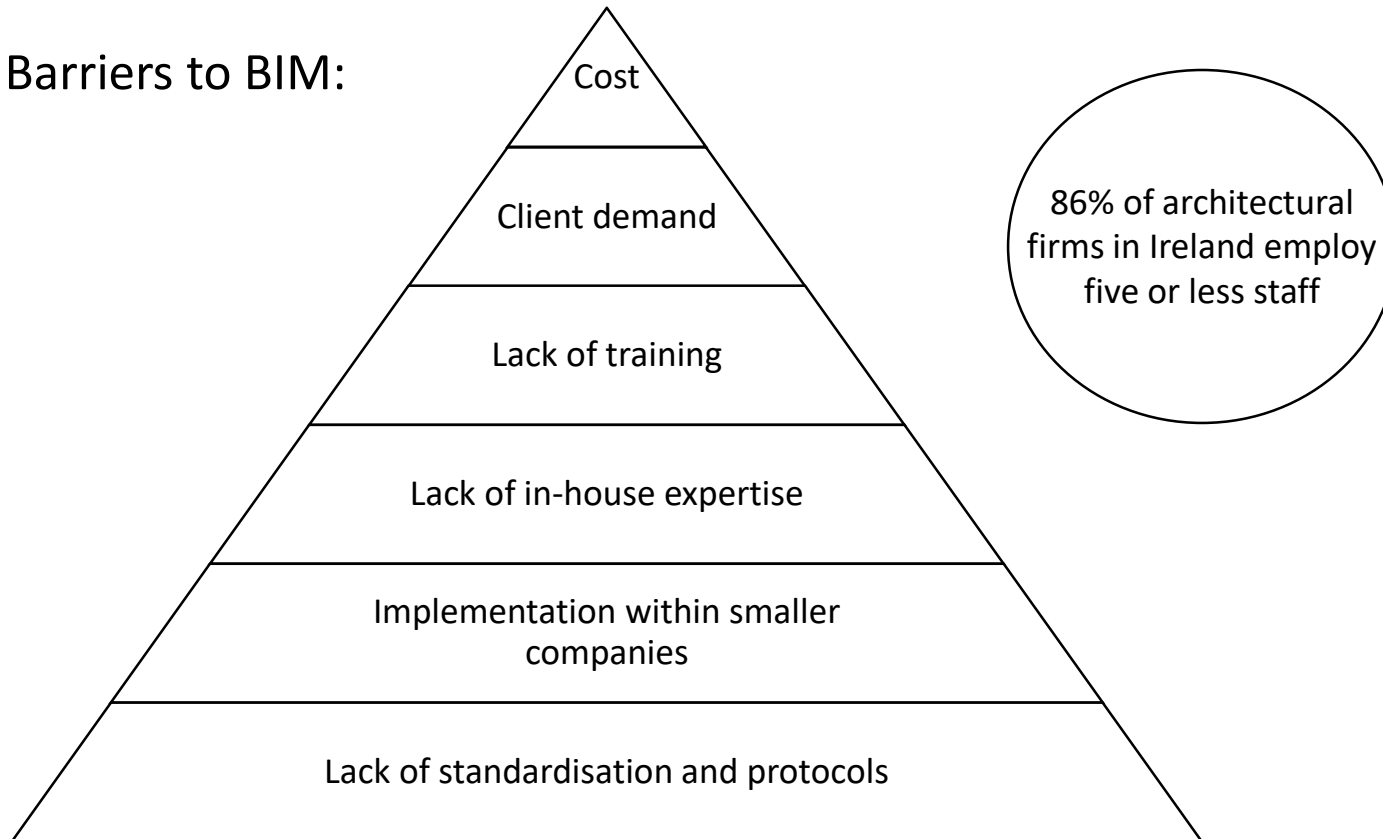


Statement of the problem

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Barriers to BIM:





Changes that BIM brings to a company

BIM Management Systems

Defining level of BIM within an organisation
Mentoring of BIM
New Roles – BIM Coordinator / Manager
Adoption of Industry standards

BIM Skills

Competencies and framework
agreements for BIM
coordinators / managers

BIM Measurements

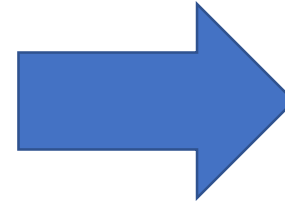
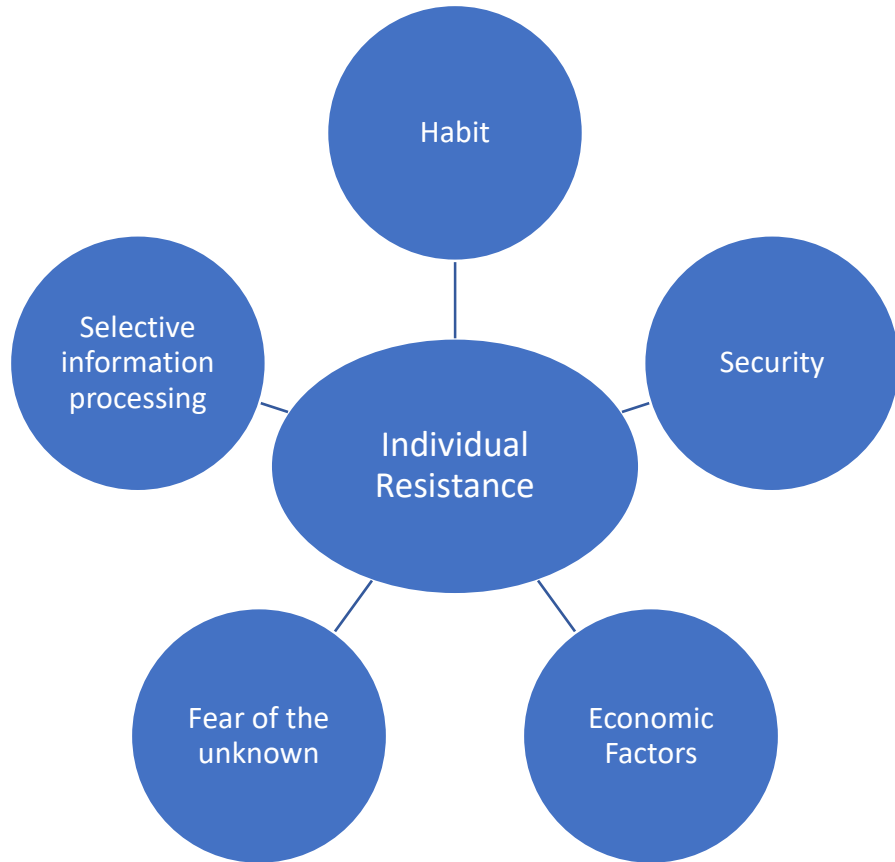
Level of knowledge within an organisation
Attitudes towards BIM
Key performance indicators

BIM Education

BIM training courses

Adopting BIM without a plan
is like taking a trip unaware
of the baggage that can slow
you down





Awareness

Desire

Knowledge

Ability

Reinforcement



**“What if, and I know this sounds kooky,
we communicated with the employees.”**



Research Question

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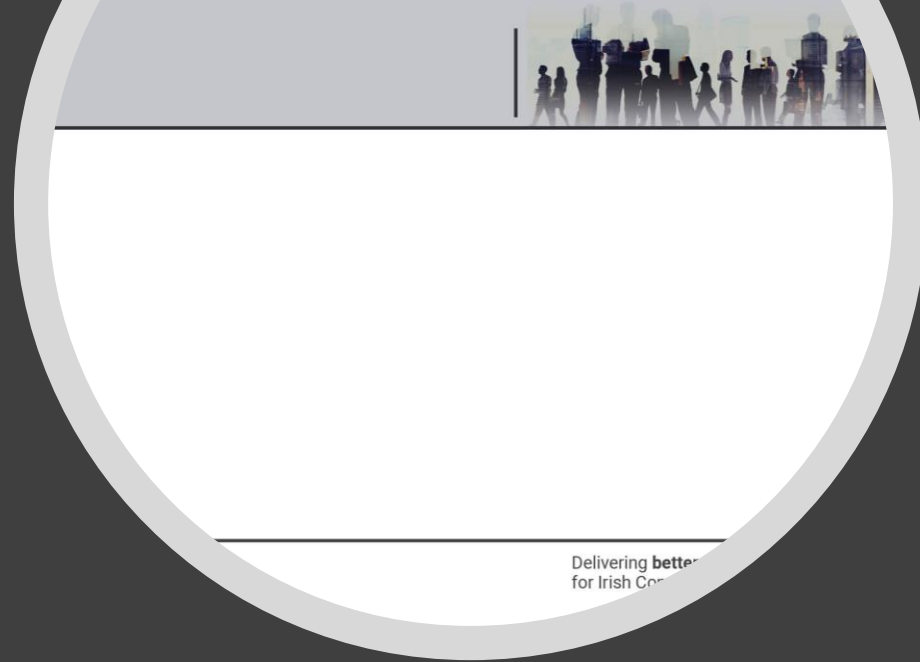


How can small to medium size companies within the
Architectural, Engineering, and Construction (AEC)
industry in Ireland respond to both organisational and
individual resistance to the implementation of BIM
processes in practice?



Project

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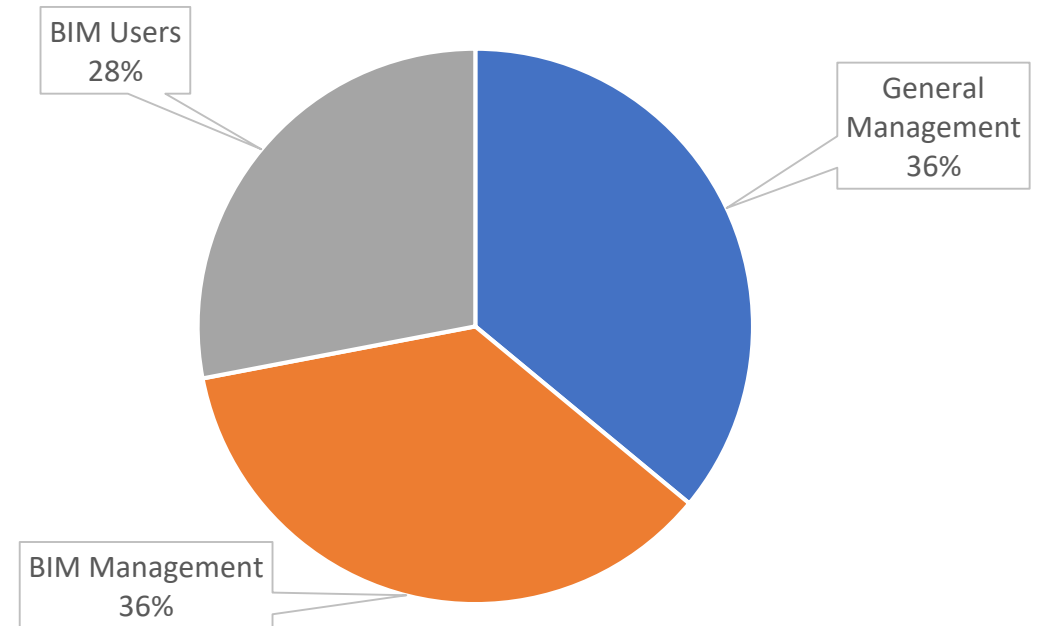


Pre-Interview Questionnaires





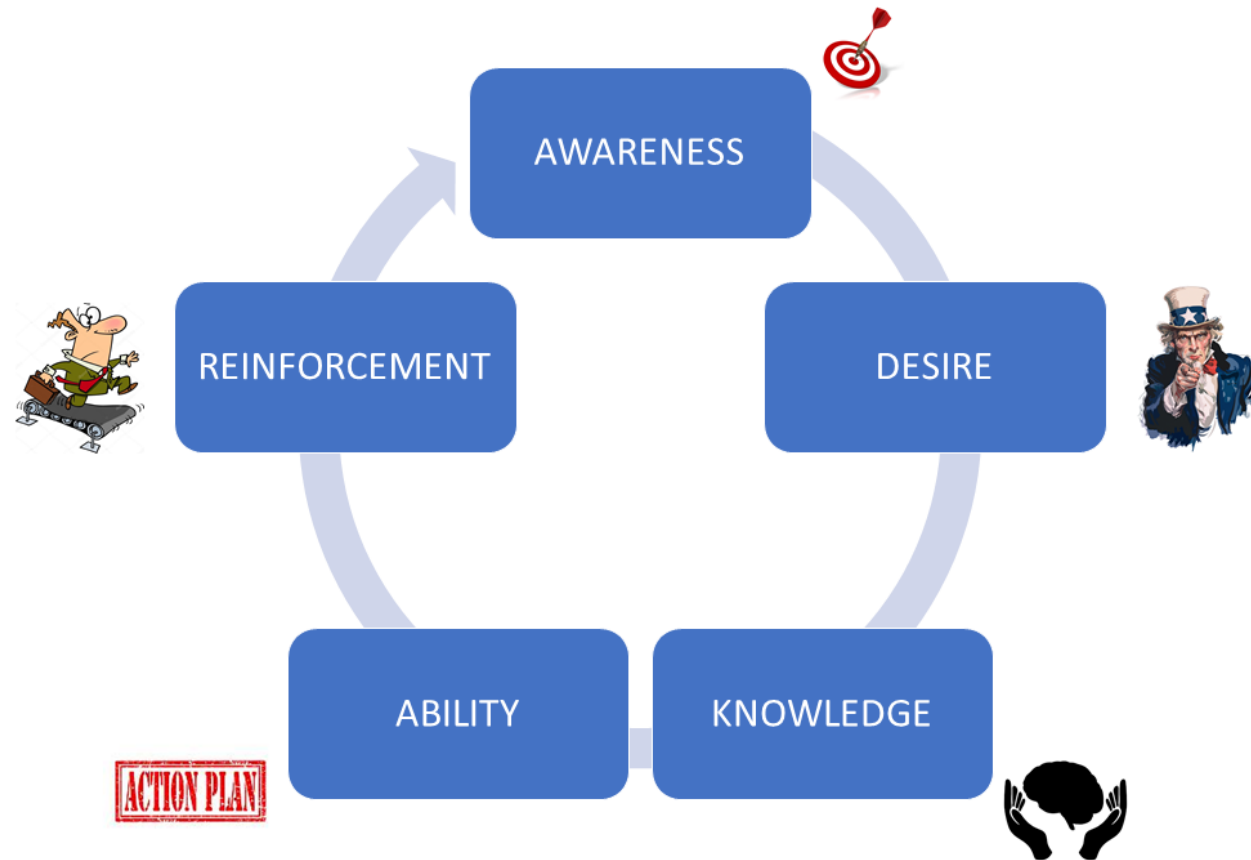
Interviewee Company Position





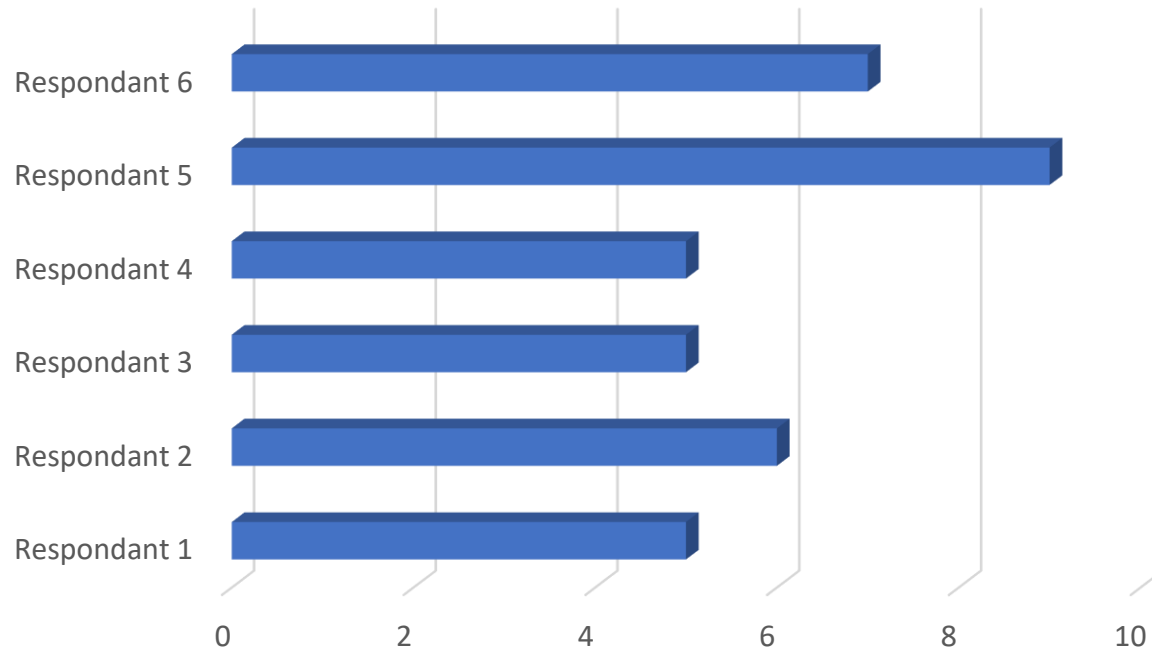
Findings

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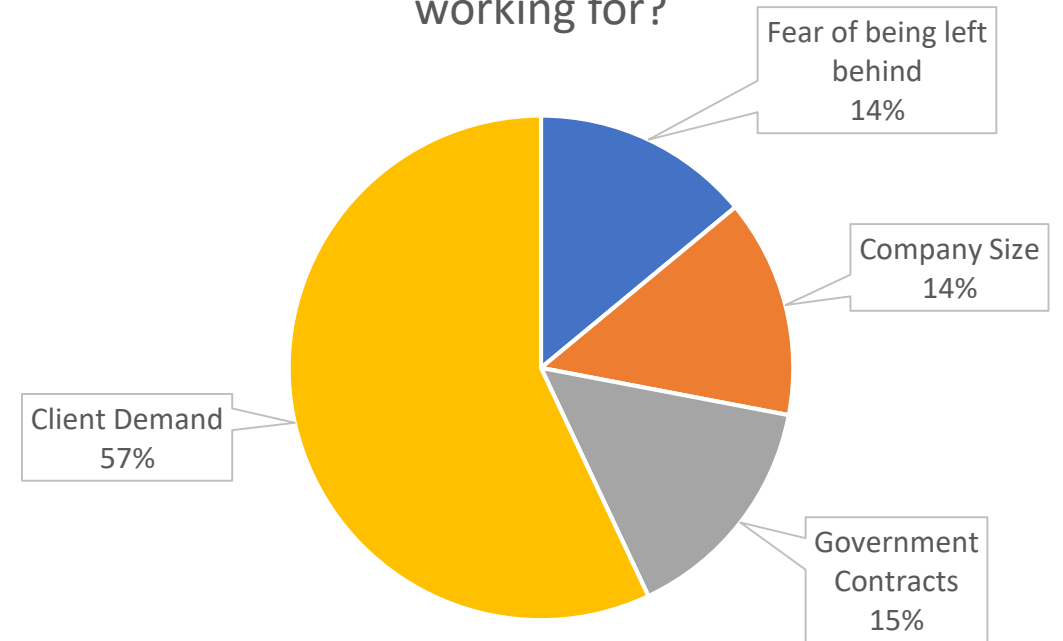


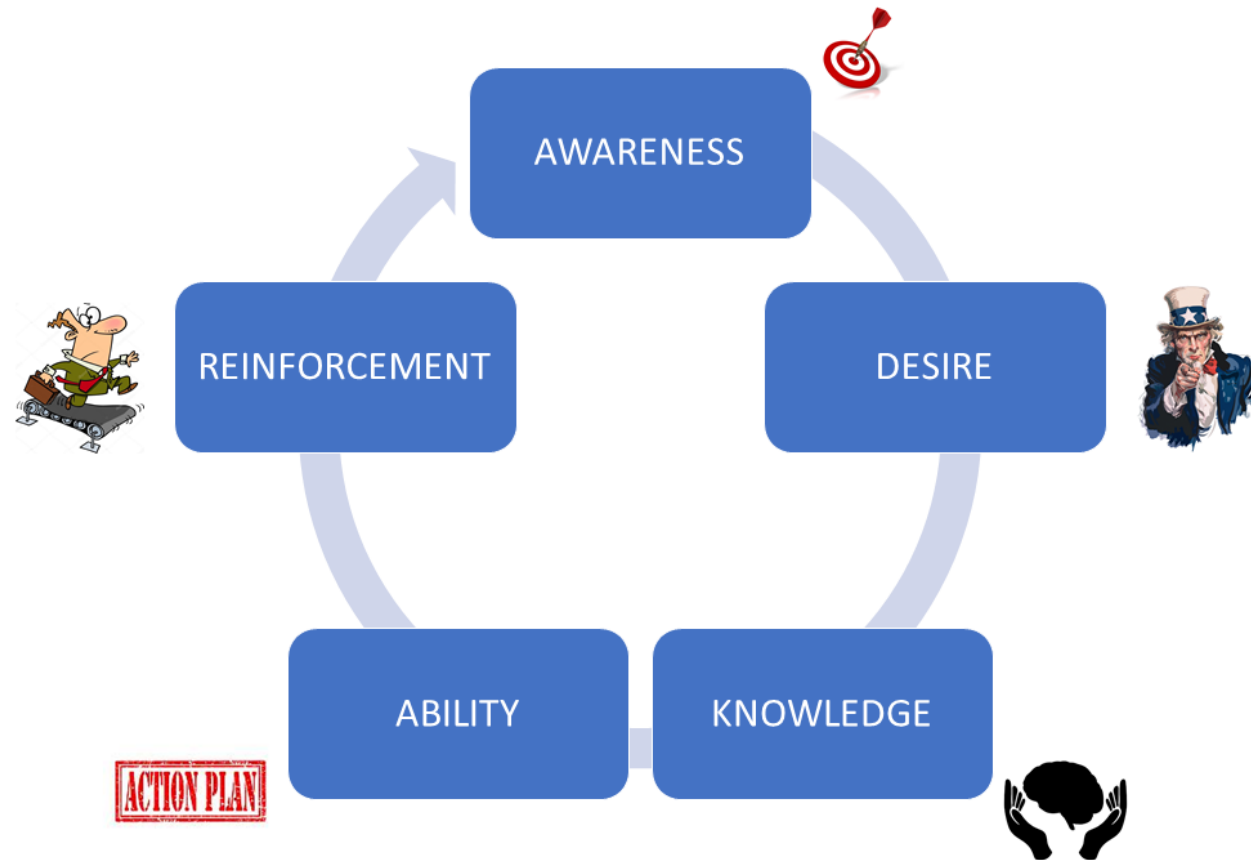


On a scale of 1-10 how well do you feel you understand your organisation's vision for BIM?



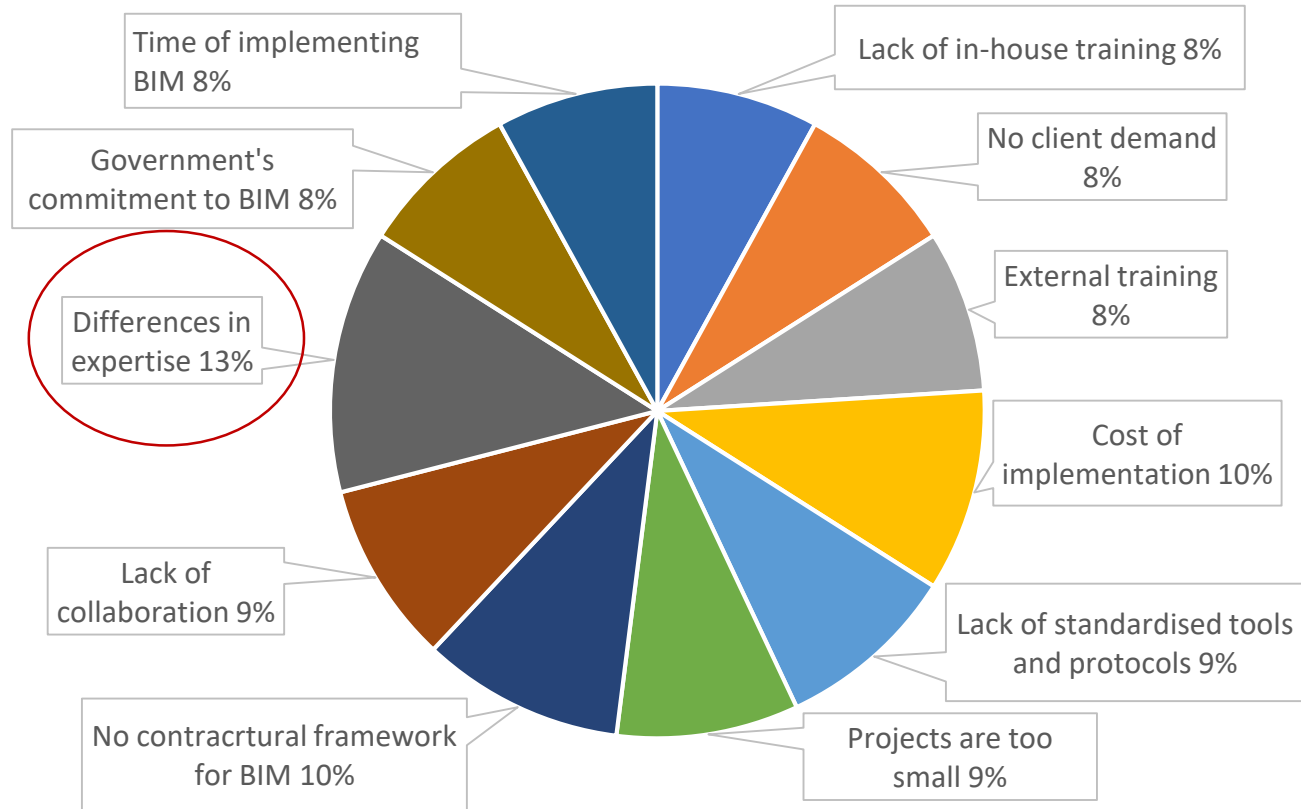
Why do you feel there is a need to implement BIM within the company you are currently working for?



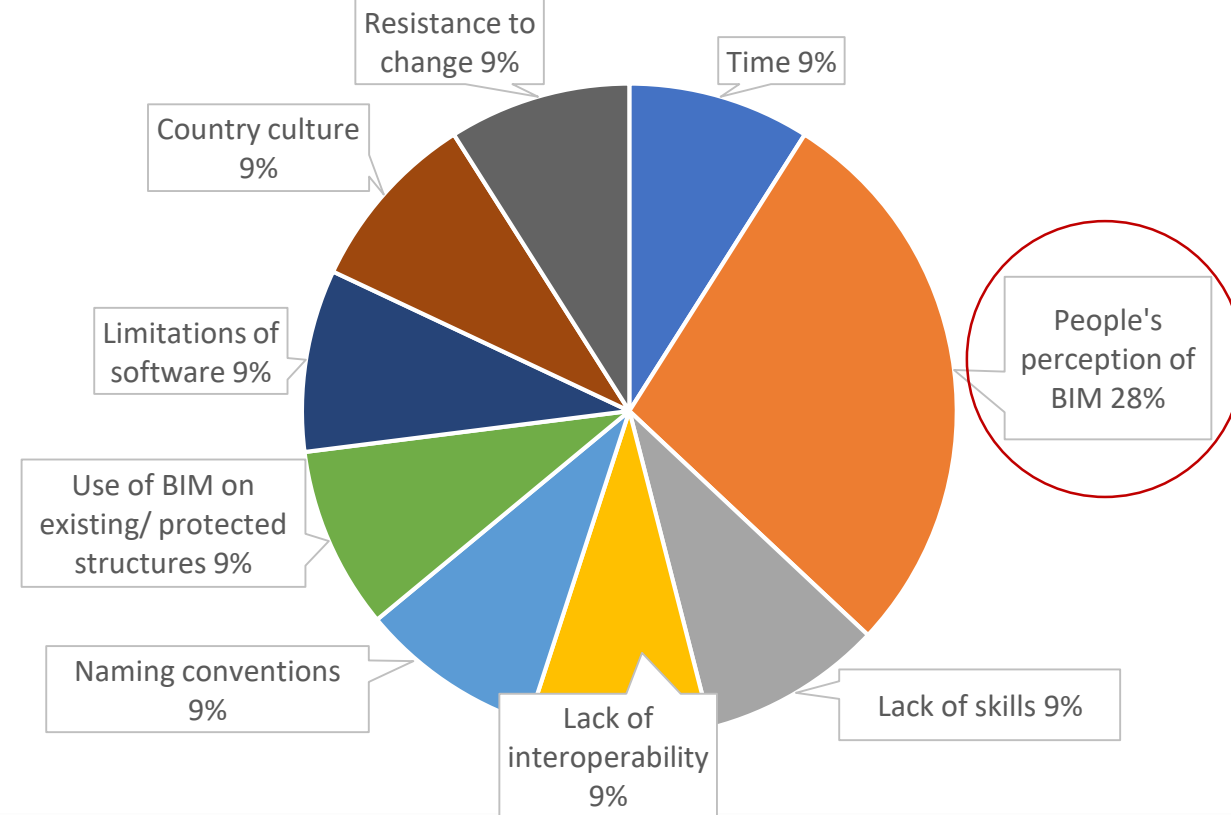




What do you feel are the most significant barriers to BIM adoption?



What barriers have you experiences with BIM implementation thus far?

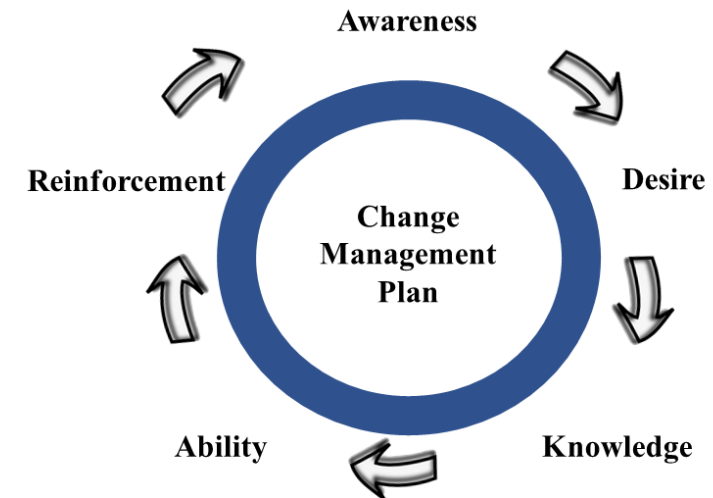
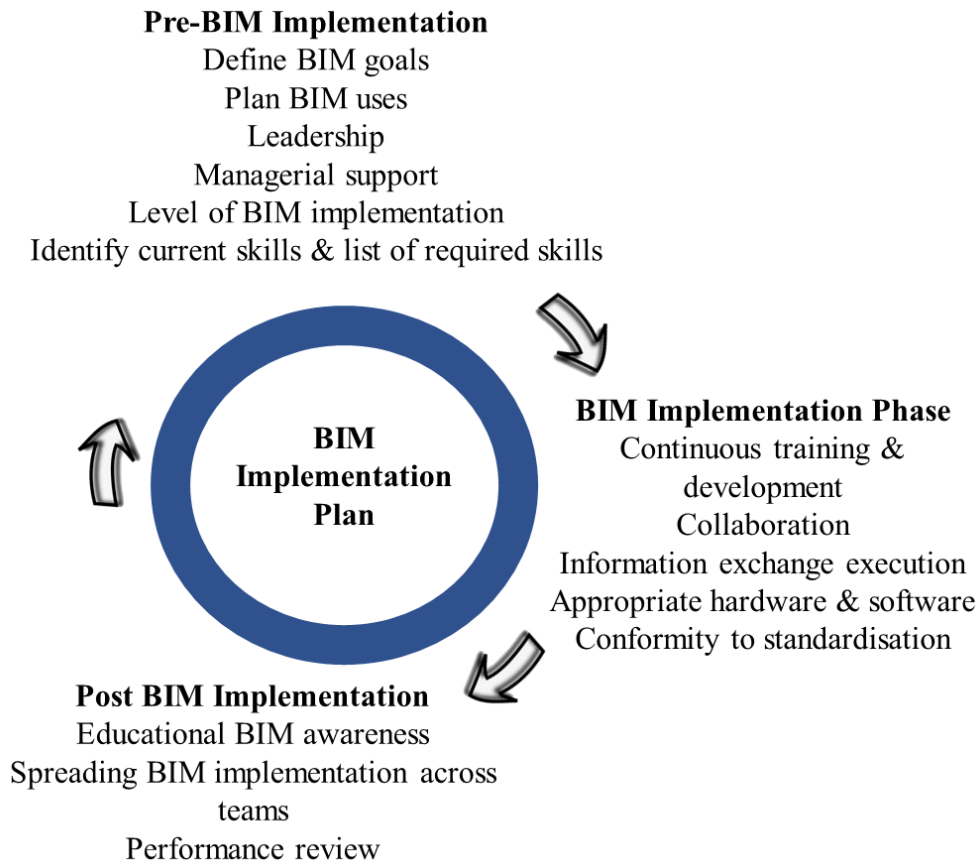


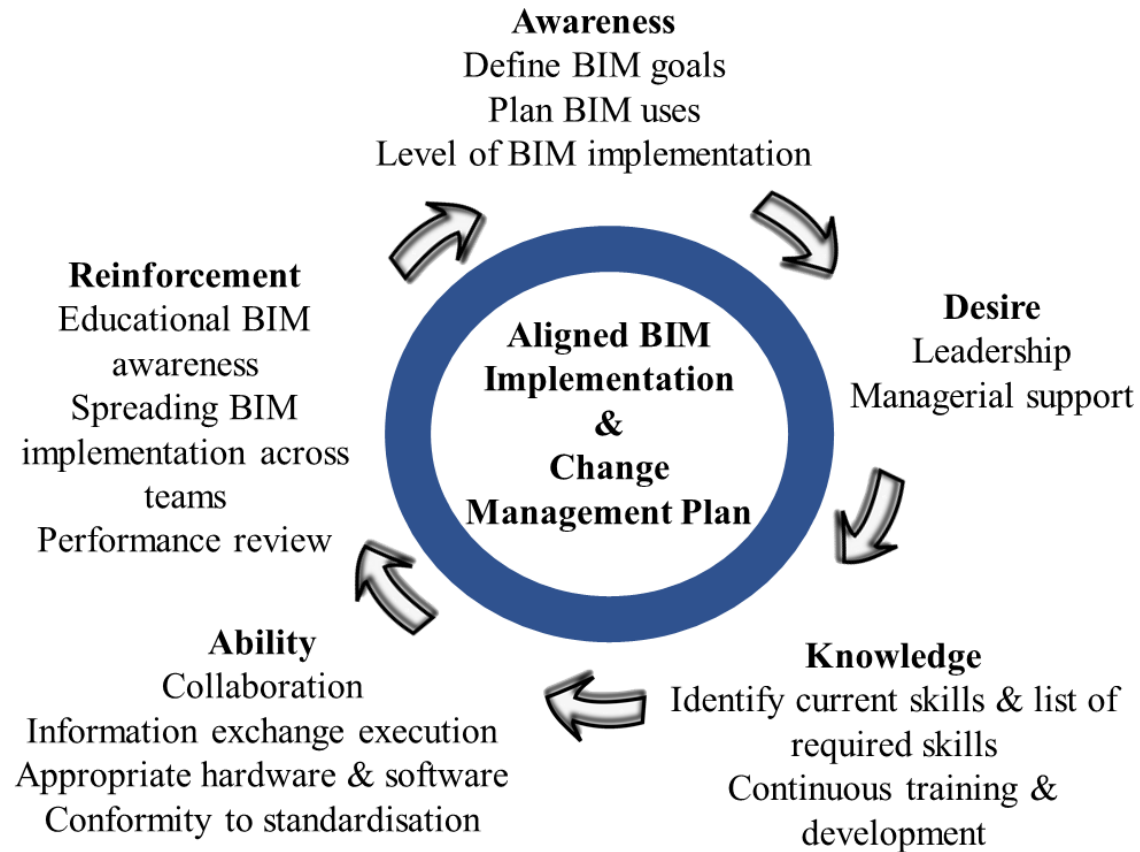


Conclusion

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Thank you

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