

RICS CPD FOUNDATION  
IDENTIFYING AND MANAGING RISK IN CONSTRUCTION PROJECTS  
CAUSES OF RISK AND APPROACHES TO MITIGATION

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INTRODUCTIONS

- Who do we have in the room?

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RISK DEFINITION

- Anything which might affect the outcome of an undertaking

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### PRINCIPLES OF RISK MANAGEMENT

- Identify risk
- Determine risk appetite
- Eliminate
- Manage
- Mitigate (reduce impact)
- Measure and monitor

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### WHEN DOES RISK MANAGEMENT BEGIN?

- Strategic
- Business planning

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### IDENTIFICATION OF RISK

- Opportunity selection
- Work winning
- Rights and obligations
- Design responsibility
- Risk capture
- Roles and responsibilities
- Knowledge transfer
- Feedback and lessons learned

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### WHAT IS WITHIN OUR BUSINESS?

- Capability
- Experience
- Capacity
- Risk appetite
- Geography

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### CASE STUDIES - SAÏD BUSINESS SCHOOL



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### CASE STUDIES

South East based, low to medium rise RC frame apartment builder - constructing load bearing masonry 2 storey houses in Scotland & Bristol

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CASE STUDIES

Civil Engineering buildings & infrastructure D & C sub-contractor in PFI arrangement flipping to engage specialist waste to energy process designers / installers

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CASE STUDIES

High end hotel/apartments development - Greenwich

- Scope of works
- Late negotiations not incorporated into contract
- Programme

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CASE STUDIES

NPL - Teddington

- Focal length of laser
- Close control rooms

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## CASE STUDIES

JSCSC\* - Shrivenham

- PFI drop down risk not passed on

\*Joint Services Command and Staff College

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## SUMMARY AND KEY POINTS

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## Q&A

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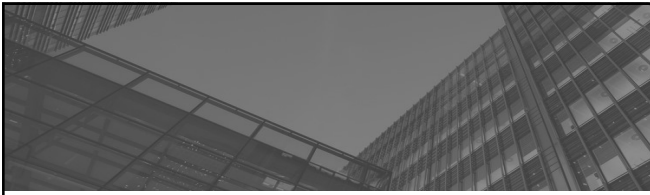
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