

Quantum & Delay: Scope, cost, methodology and duration of building repairs

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Learning Objectives

- What are the key elements of construction project management and how do they impact quantum and delay?
- How we would assess the scope and methodology of a repair
- Case examples

My Background

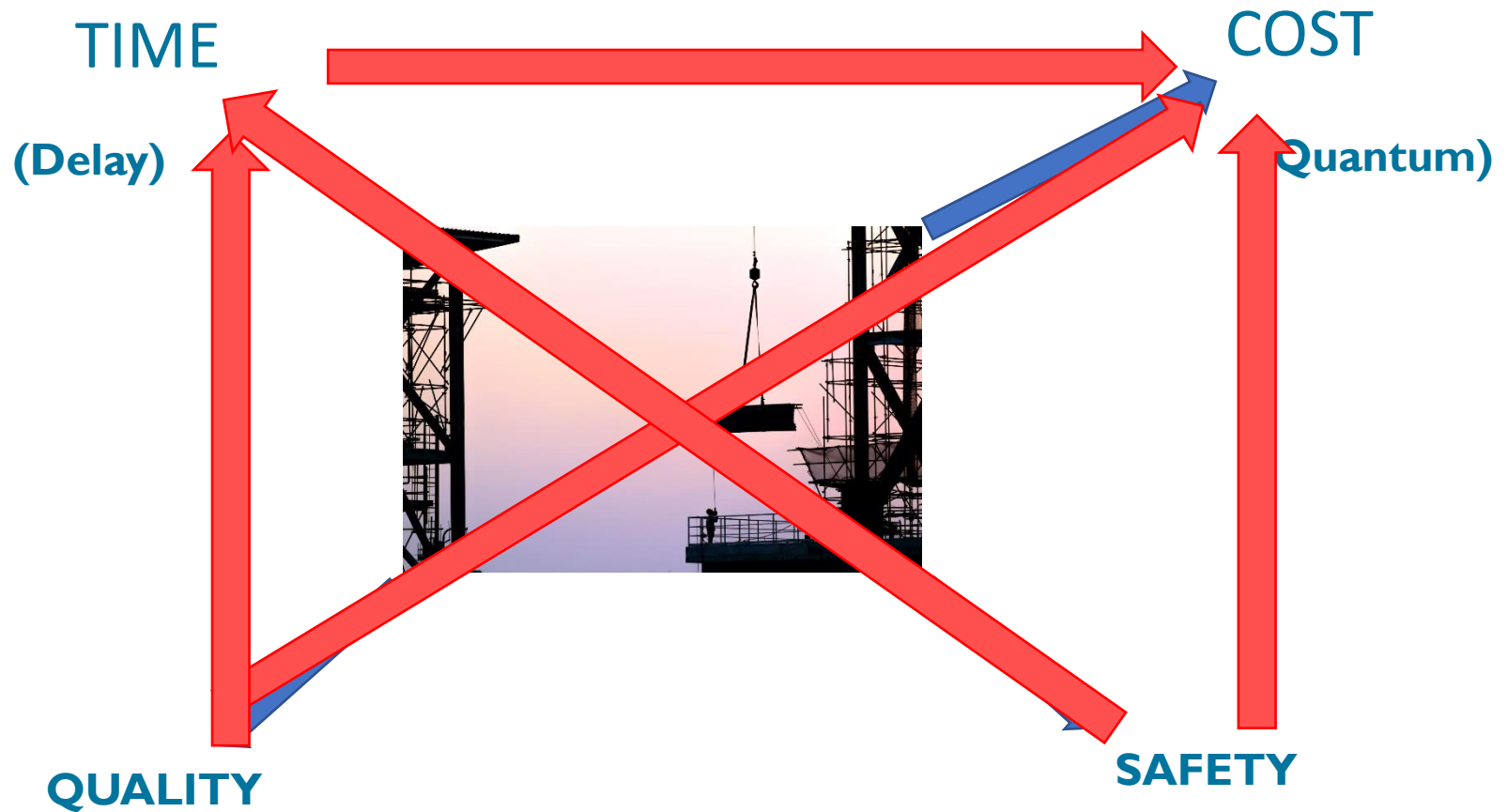
- Chartered Civil Engineer
- Construction industry experience
 - Infrastructure
 - Commercial
 - Project Management
- Hawkins
 - Civil Engineering
 - Construction
 - Personal Injury
 - Fire Investigation



Overview

- Construction Project Management – key elements
- Assessing a repair
- Case Examples

Construction Project Management – Key Elements



Scope and Methodology

Time

Cost

Quality

Safety

- Scope
 - Proportionate
 - Cause; Historic vs as a result of an event
 - Establish what actually needs repairing
- Methodology
 - Most efficient way of completing the repair
 - Considering safety and quality

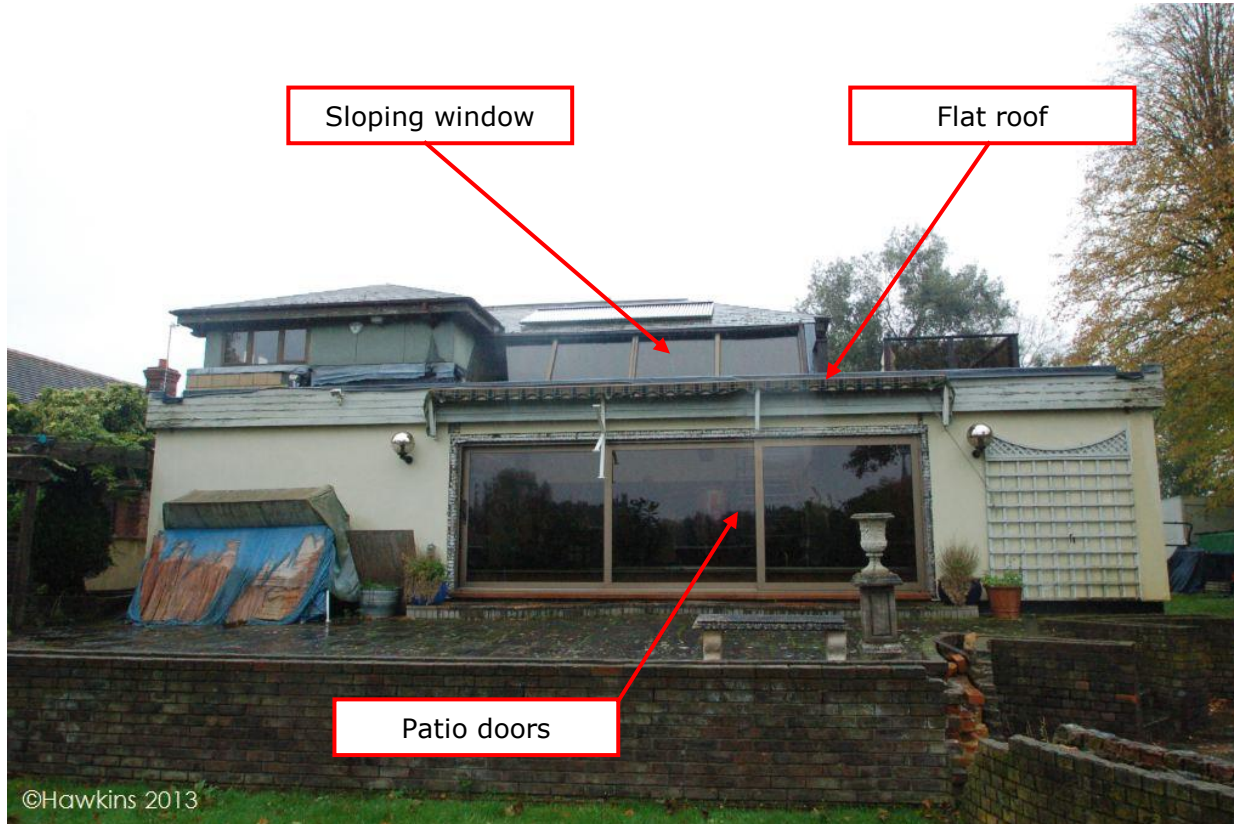
Case Example I - Causation



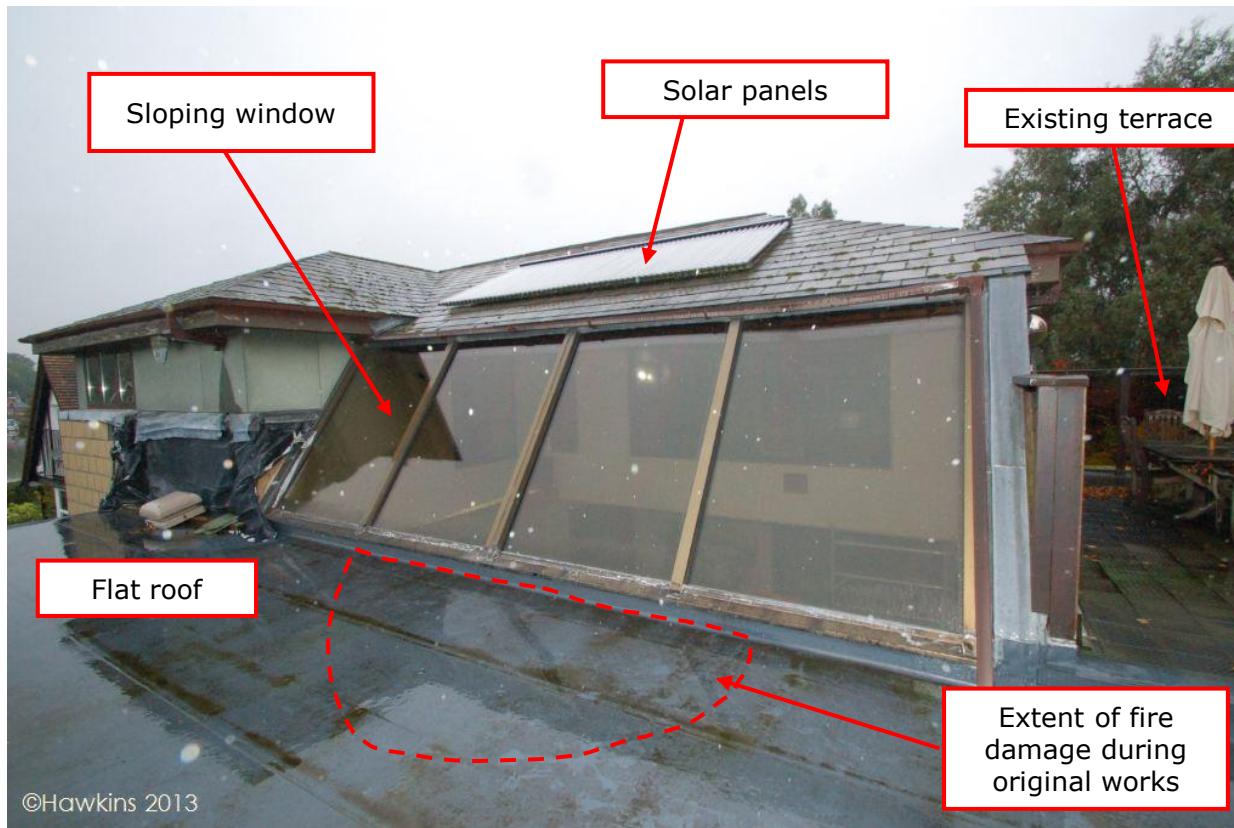
Case Example 2 - Delay



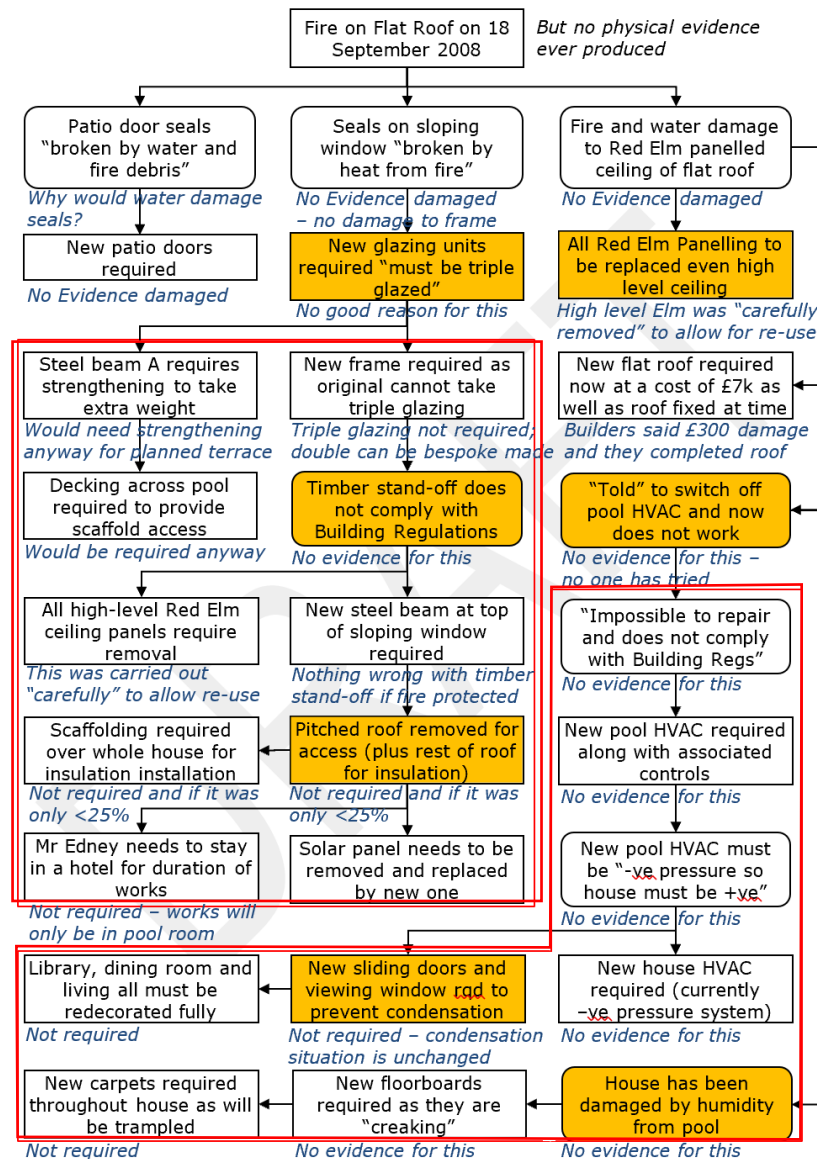
Case Example 3 - Quantum



Case Example 3 - Quantum



Case Example 3 - Quantum



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A faint, dark blue world map is centered in the background of the slide, showing the outlines of continents.

Next Presentation

Ian Major & Richard Keightley – Wind Induced Failures & Reducing Flood Risk During Remedial Works

17 November 2022

Any Questions?



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A faint, dark blue world map is centered in the background of the slide, showing the outlines of continents and oceans.

**Thank You for
Attending**