

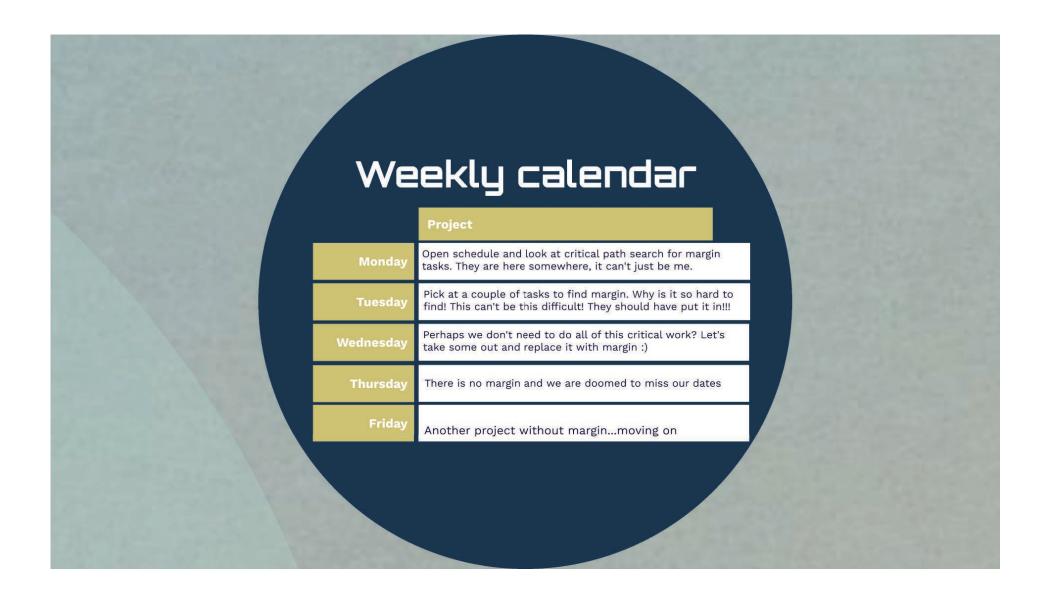


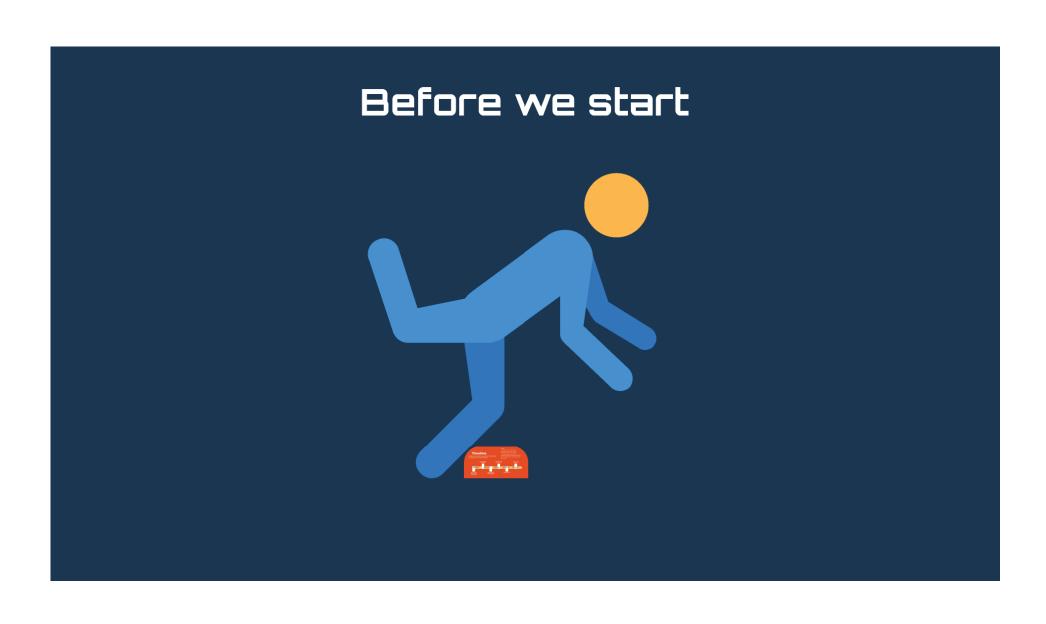
Where is the margin?

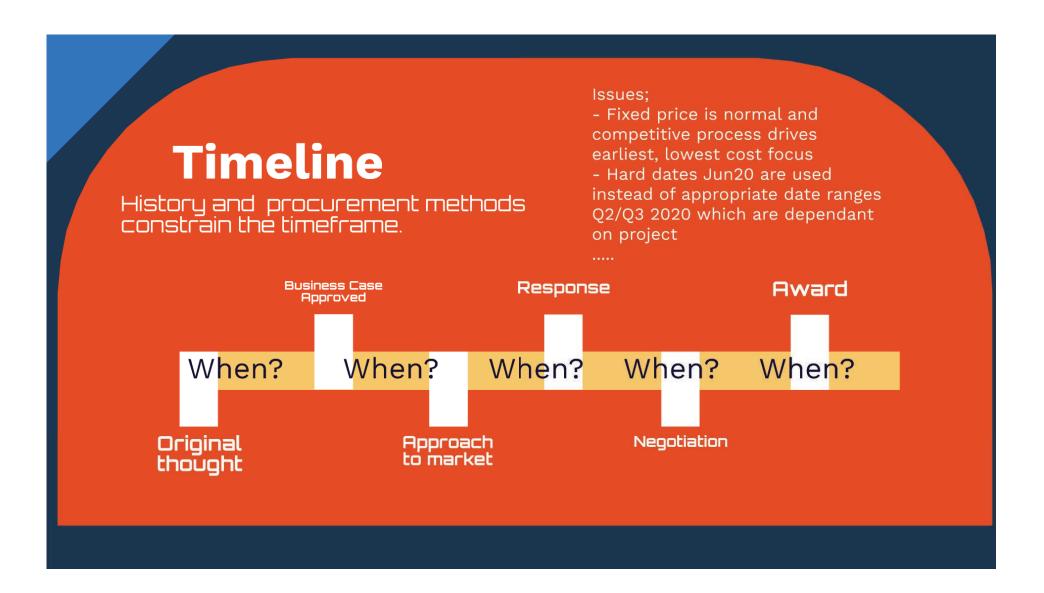
Let's take a journey into some of the reasons that I have found to be behind the missing margin in a project schedule. My first week

> Prior to start/award

During execution





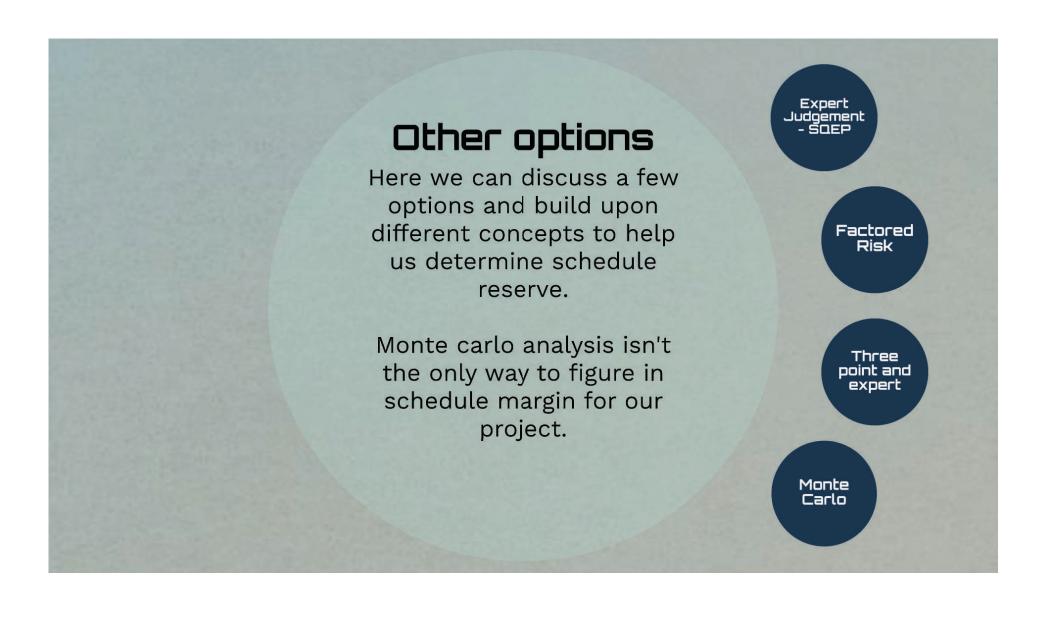


In execution Delays may remove margin from latter tasks. We take the Baked in We have margin is used as set our contact we take the time dates already opportunity. we have.





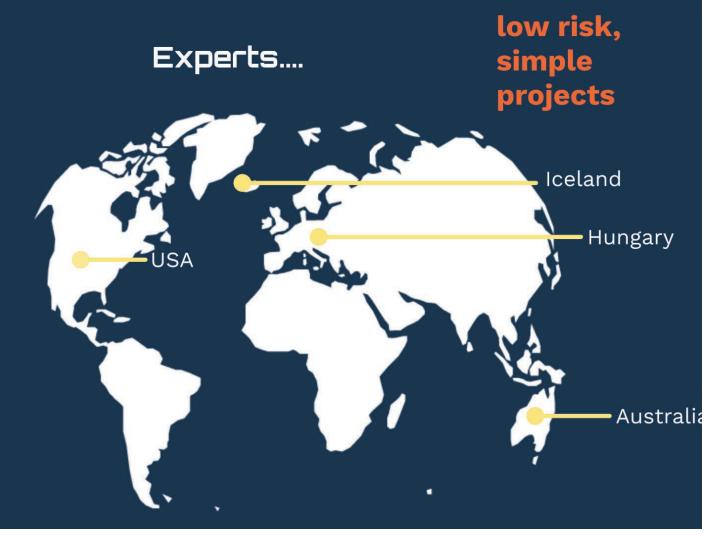


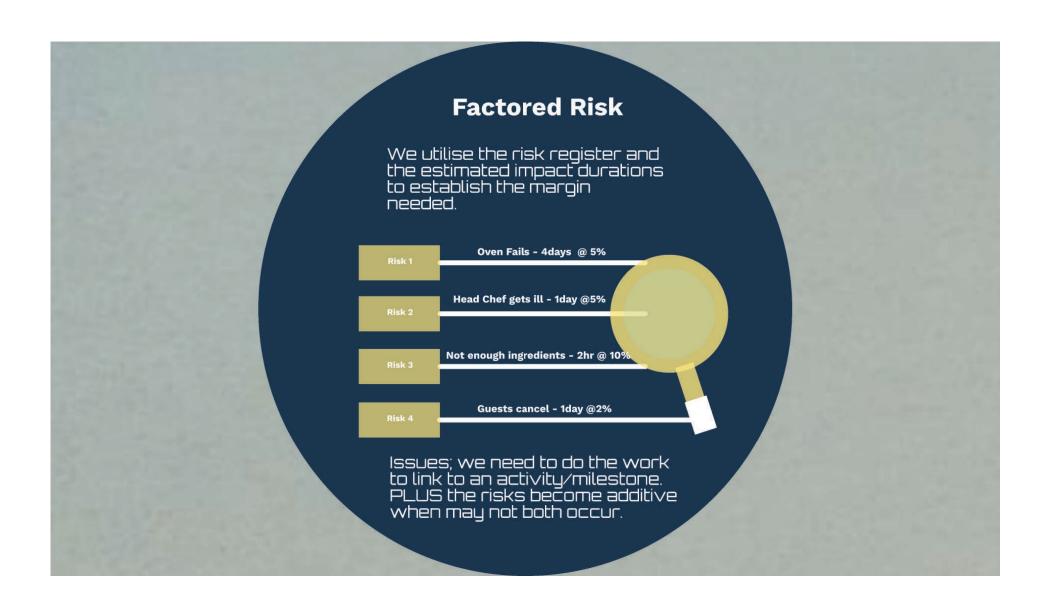


Using experts to decide on how much time should be put aside for the project. Inputs from the risk register, previous projects and project execution plan are taken into account.

Issues;

- Ensure the use of SQEP - Suitable Qualified and Experienced Personnel.
- Consider biases in place





Three point

medium risk, complicated projects

Again we deploy SQEP however this time we take estimates for each task/package of a optimistic (best case), likely and pessimistic (worst case) duration.

Issues;

- Ensure the framework is right (what is opt/pess)
- Ensure team is knowledgeable about uncertainty in estimating v risk

Consider using;

- Ranged estimates. High confidence therefore pessimistic close to likely.
- T shirt sizes. Task is easy, medium, hard (best for similar scopes of work)
- Multiple SQEP

Monte Carlo

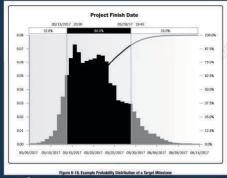
high risk, complex projects

The sledge hammer of risk analysis and most wholesome. It is the most complicated due to the need for specialist tools (excel gurus don't need that), knowledgeable personnel and good quality schedules.

Usually uses the 3 pt estimates plus risks to produce a statistical analysis of when a task will occur in a project.

Issues;

- Do you need to create a summary schedule
- Ensure there is a seperation of risk impacts and uncertainty



Ref. PMBok



