





Peer Review of a Schedule

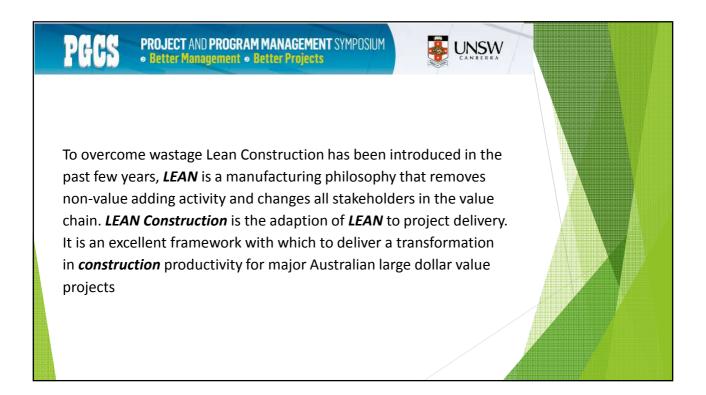
Introduction

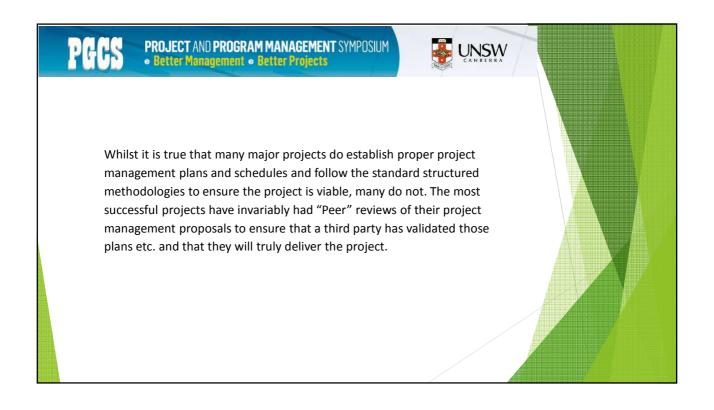
In a recent report by the PMI recently (February 14, 2017) released, shows that Australia has a very poor track record, along with other parts of the world in managing large infrastructure projects. Cost blowouts and delays are common, especially in Government funded transport, hospital and communications projects. The NBN has had to recently obtain additional funding from the Federal Government. The new Royal Adelaide Hospital has overrun its budget by almost thirty percent and is will be over fifteen months late when it will be delivered.

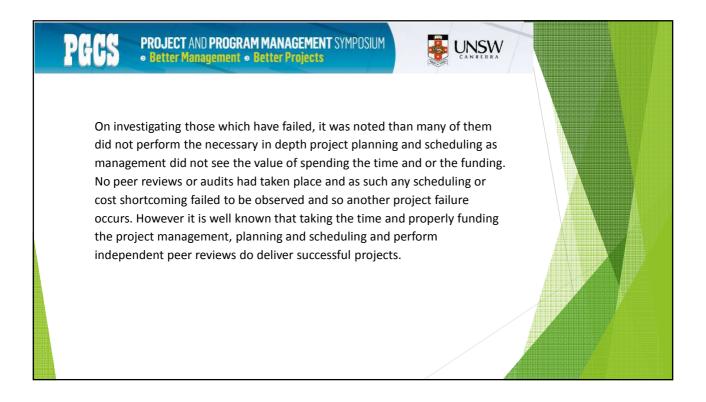
A major area that the report focuses on is that billions of dollars in wastage on major projects continues to occur globally, but in recent years it has improved, however wastage in Australia still lags the improving global average.

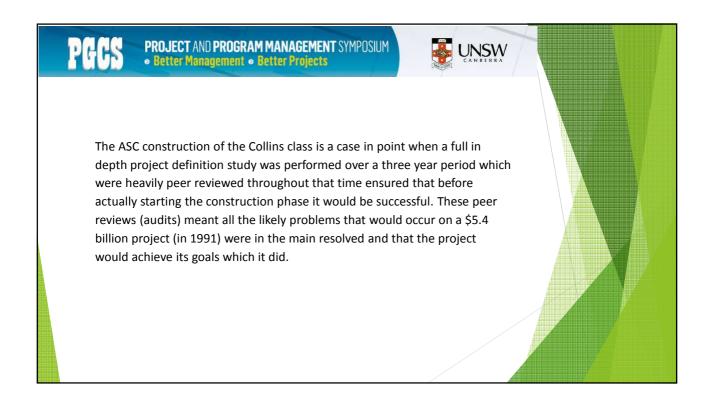


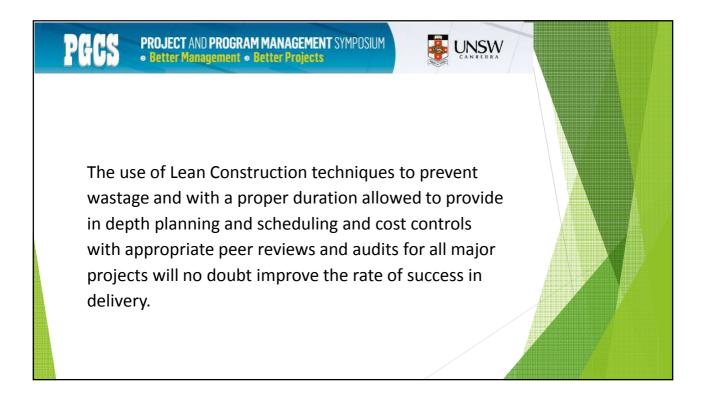


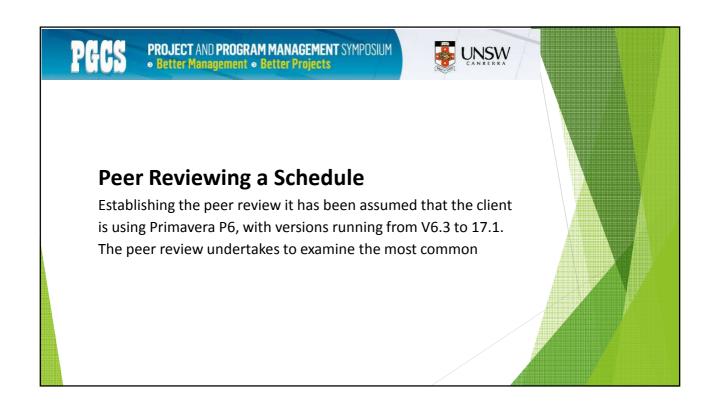


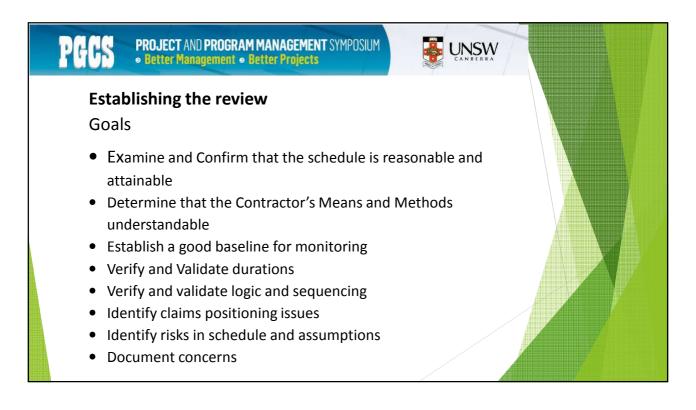




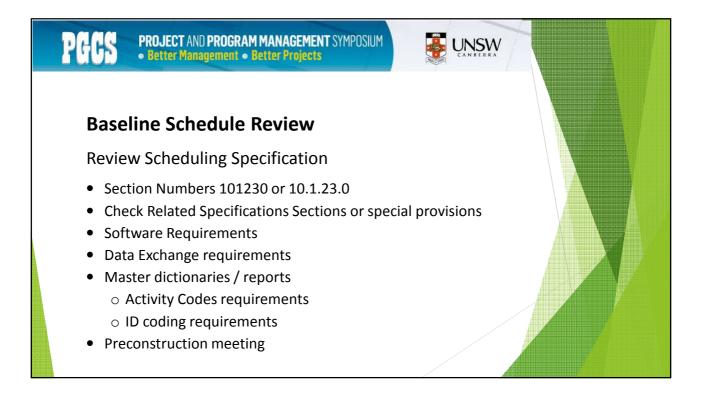








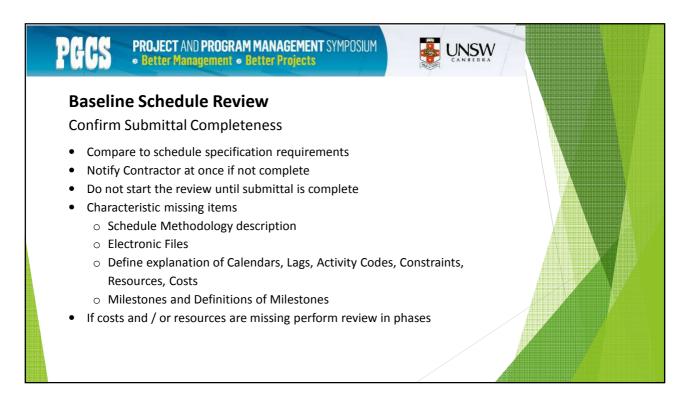


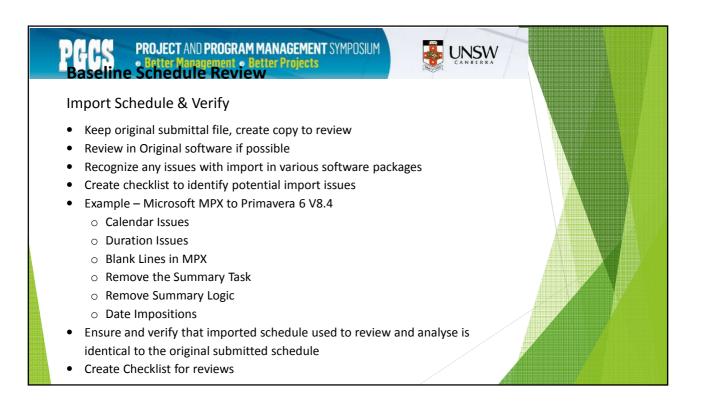




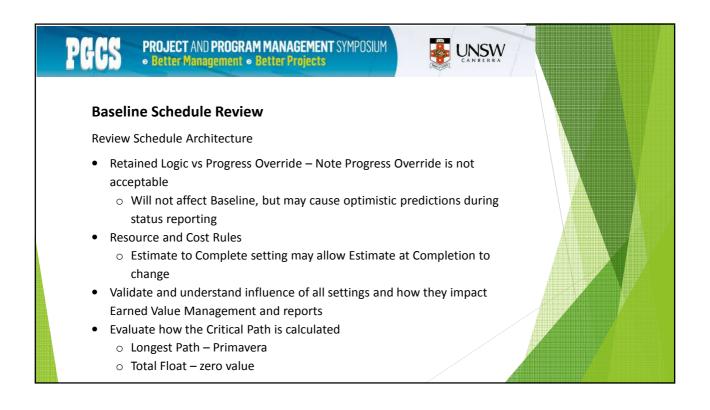


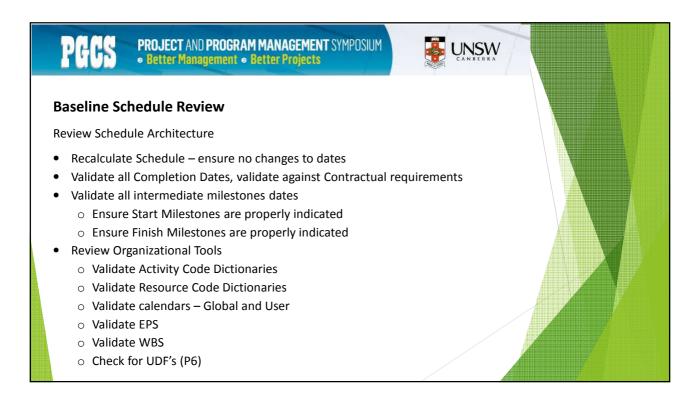




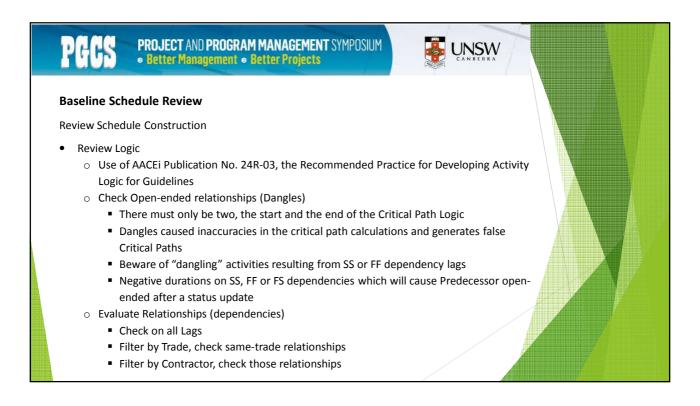




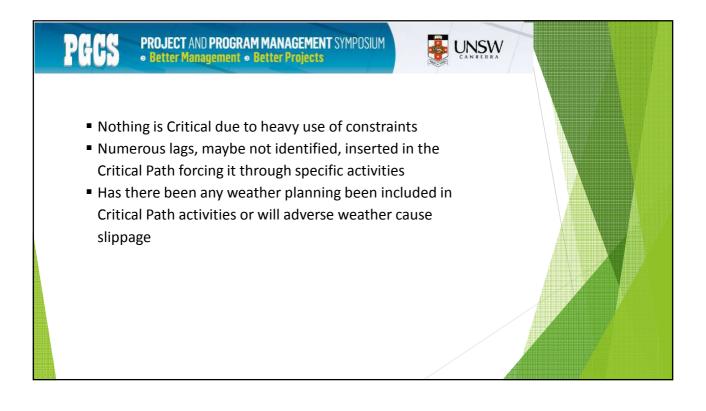


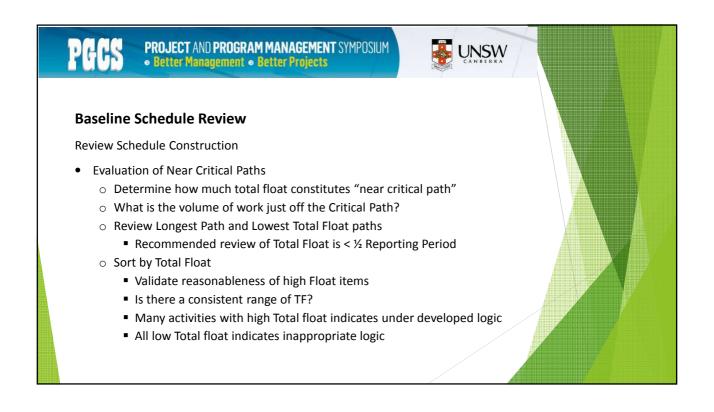
















- o Sort by Late Start
 - As expected this is the worst case scenario of work flow
 - Start at end of schedule and see if reasonable
 - Sort by Late Start, Order Week Ascending, check if the amount of work is possible
 - Review the Resources piling (view Histograms) can they fit into the spaces
- o Sort by Early Start
 - Sequence by Early Start, Order Week Ascending, once again review the amount of work planned each week is feasible and reasonable
 - How many resources are piling up?
- o Sequence by Early start, Sort by Late Start
 - Summarize to early Start, review the overlaps by each week
 - Focus the review on strong overlaps (indicates missing relationships)
 - Focus on small segments of project working concurrently

Review Resources Review for resource "soft" logic used to control flow of workers from area to area Schedules without reasonable soft logic will be most likely to show a lot of high Total Float values (more than 5% is out of range as per DCMA) Overuse of soft logic can sequester Total Float and forces Critical Path Durations should be resource-based, that is it is calculated by Production Rate x Quantity, so resource planning is essential to project delivery success