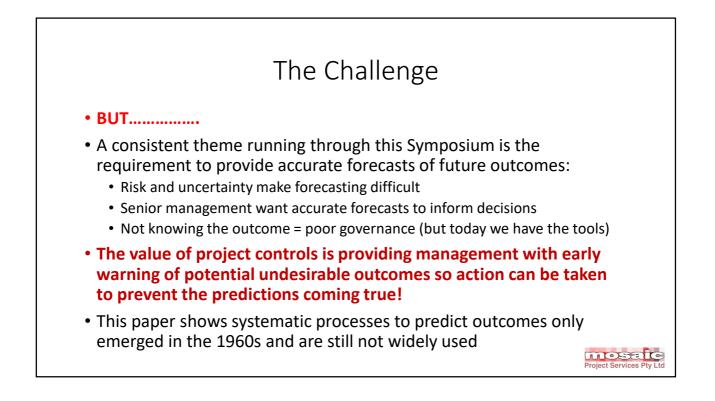


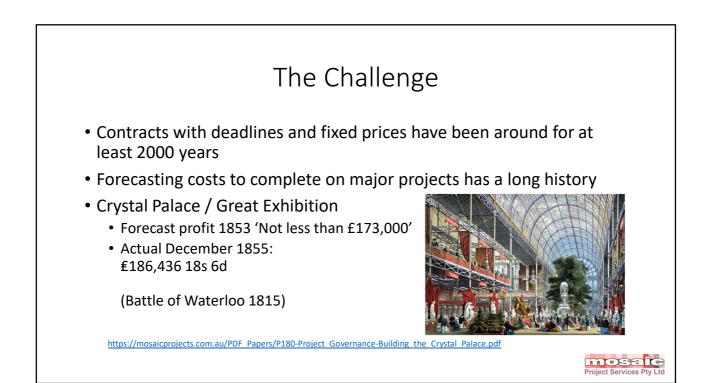
mosel

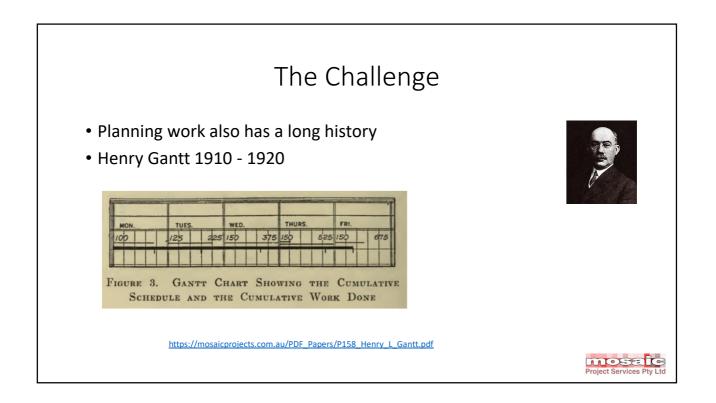
The Challenge

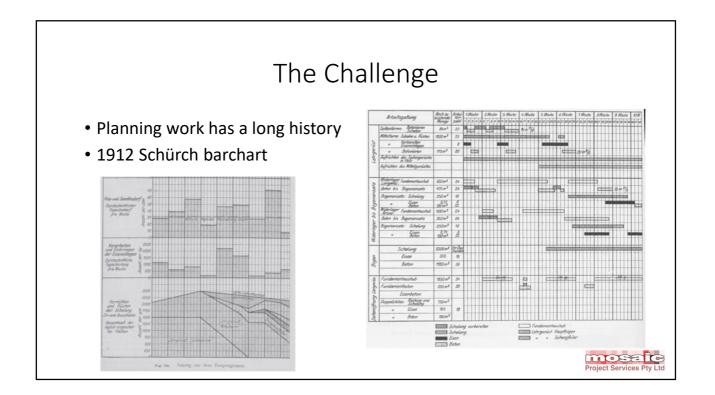


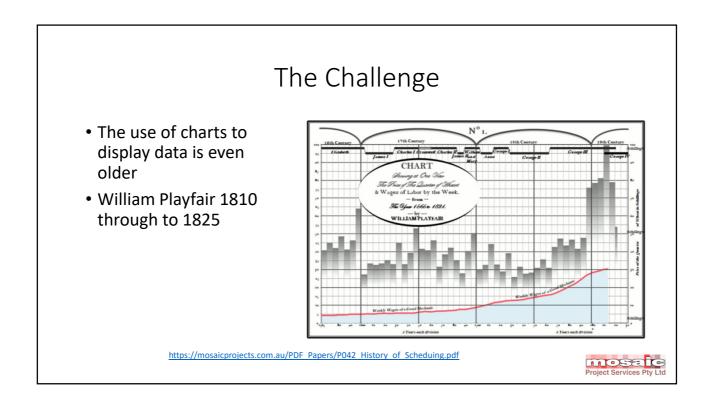
Prediction is very difficult, especially if it's about the future! Niels Bohr, Nobel laureate in Physics









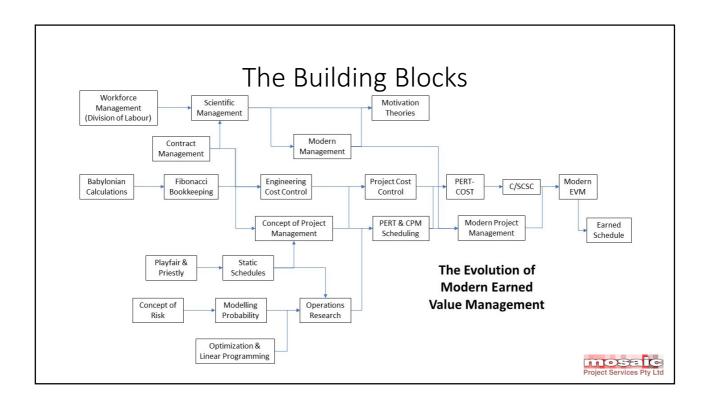


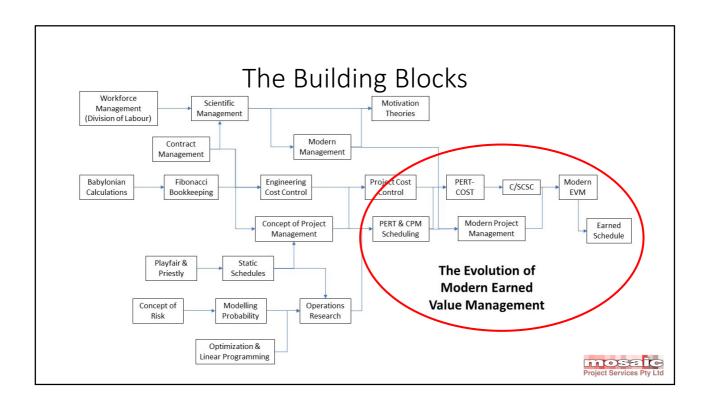
mosaic

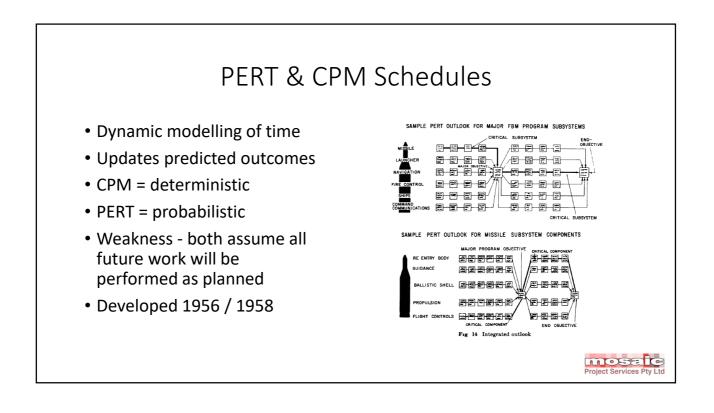
The Challenge

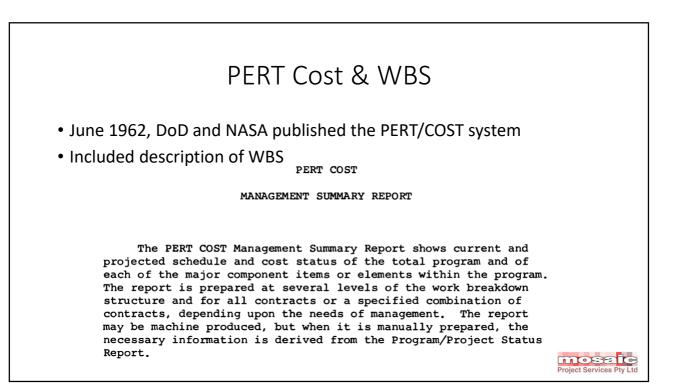
Prior to the 20th Century

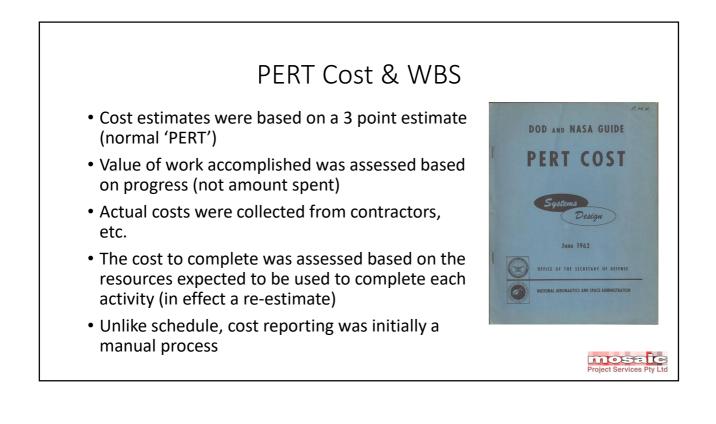
- 1. All of the diagrams were static (Karol Adamiecki was an exception)
- 2. Tools did show current situation -v- the plan
- 3. This information was undoubtedly used to assess outcomes
- 4. But no standard process was developed to predict outcomes

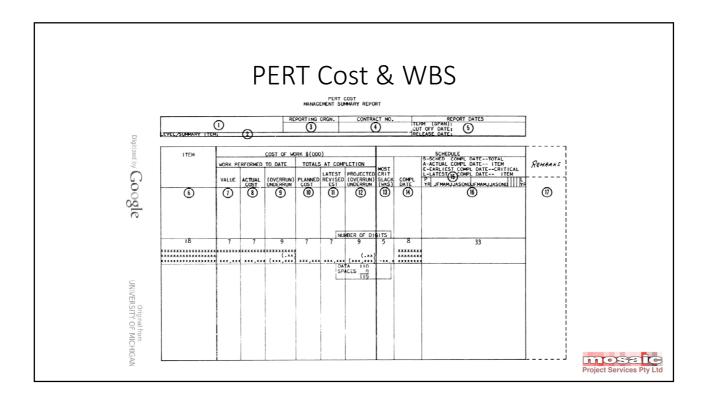


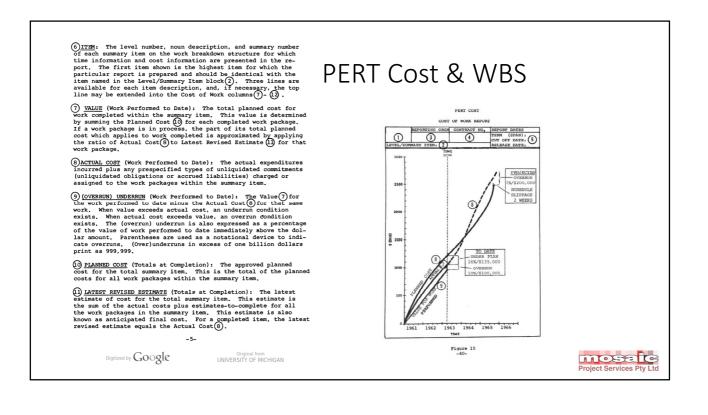




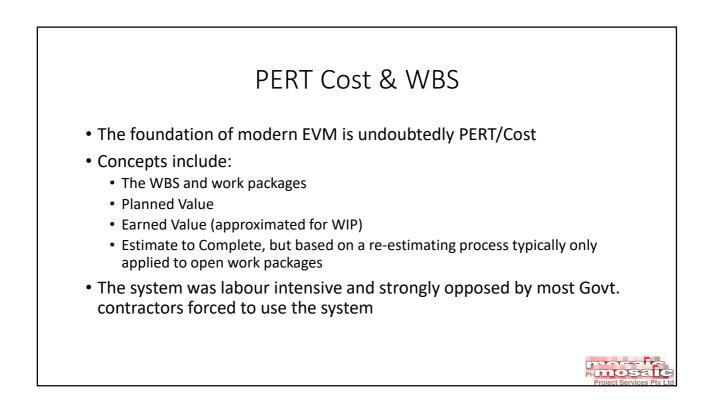






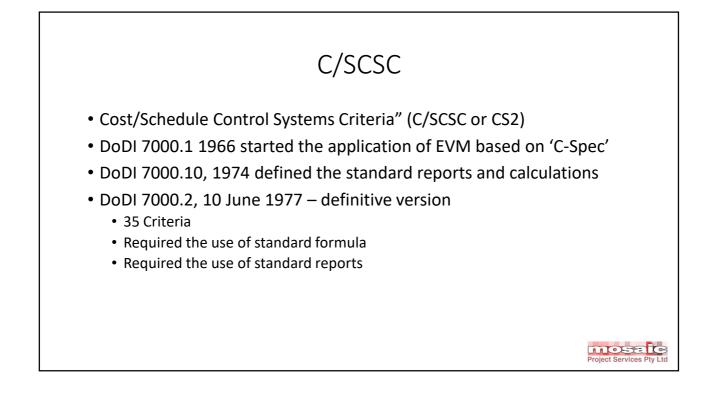


PERT Cost & WBS
Estimate-to-Complete
The estimated manhours, costs, and time required to complete a work package or summary item, (includes applicable overhead except where only direct costs are specified)
Note: The forward estimate should not be based on estimated cost – actual cost!
-62-
Digitized by Google UNIVERSITY OF MICHIGAN https://babel.hathitrust.org/cgi/pt?id=mdp.39015006057866&view=1up&seq=36&skin=2021
Project Services Pty Ltd



noseit

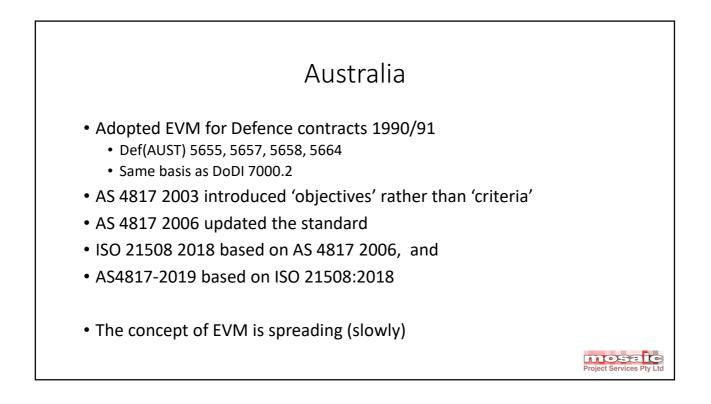
Cost Schedule Planning and Control Specification (CSPCS) CSPCS is where the term 'C-Spec' originated Published as Annex 4 of Air Force Systems Command Manual (AFSCM) 70-5 in 1966 and revised in June 1967 Defined 26 "specifications" that a contractor's system had to meet Limited application

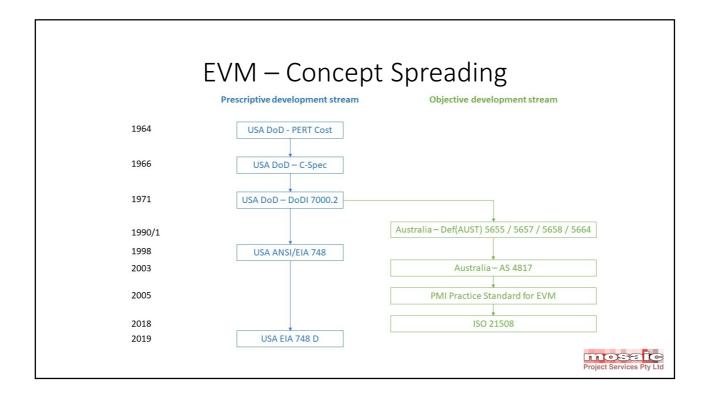


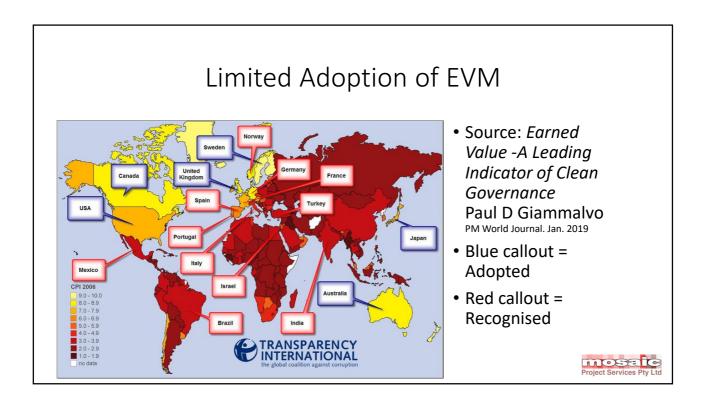
mosaic

EIA-748-1998

- Published 1998
- Adopted by US DoD on 17 Aug 1999
- Updated version of DoD Instructions, still
 - 35 Criteria
 - Required the use of standard formula
 - Required the use of standard reports
- EIA-748-A, 2002
- EIA-748-D, 2019 reduced 'criteria' to 32







mosale

Work Still To Do

• For me:

- Find some of the key early documents
- Complete the written paper
- Publish with on-line versions of the core documents to provide a proper historical resource
- For you:
 - EVM supported by ES is the only standard method of predicting project outcomes based on actual performance to date
 - Keep focused on delivering the quality of control information needed by your senior executives

