

How Do Leading Companies Implement and Benefit from Project Production Management

7th Annual Symposium



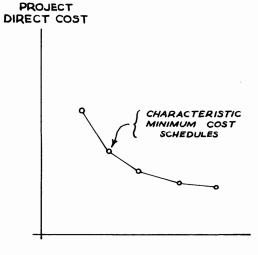
Source: Independent Project Analysis, 2018

Upstream Projects Fail at an Alarming Rate

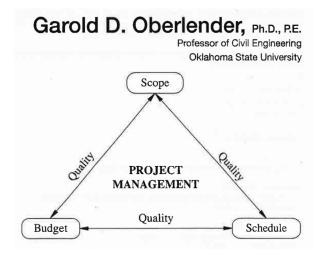


Industry practices are grounded in myths and legends

ERA 1 – Taylorism
Getting more out of workers
ERA 2 – Predictability
Critical Path Method (CPM) scheduling and project controls
Front End Loading
3D CADD
Advanced Work Packaging









Project Management





Scope & Quality



Schedule



Resource Use

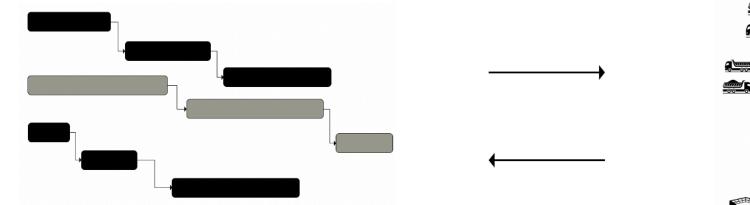
WH

WHAT





Schedule = Should Happen

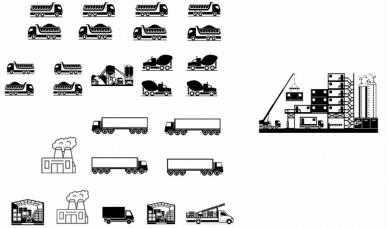


Dates & Progress

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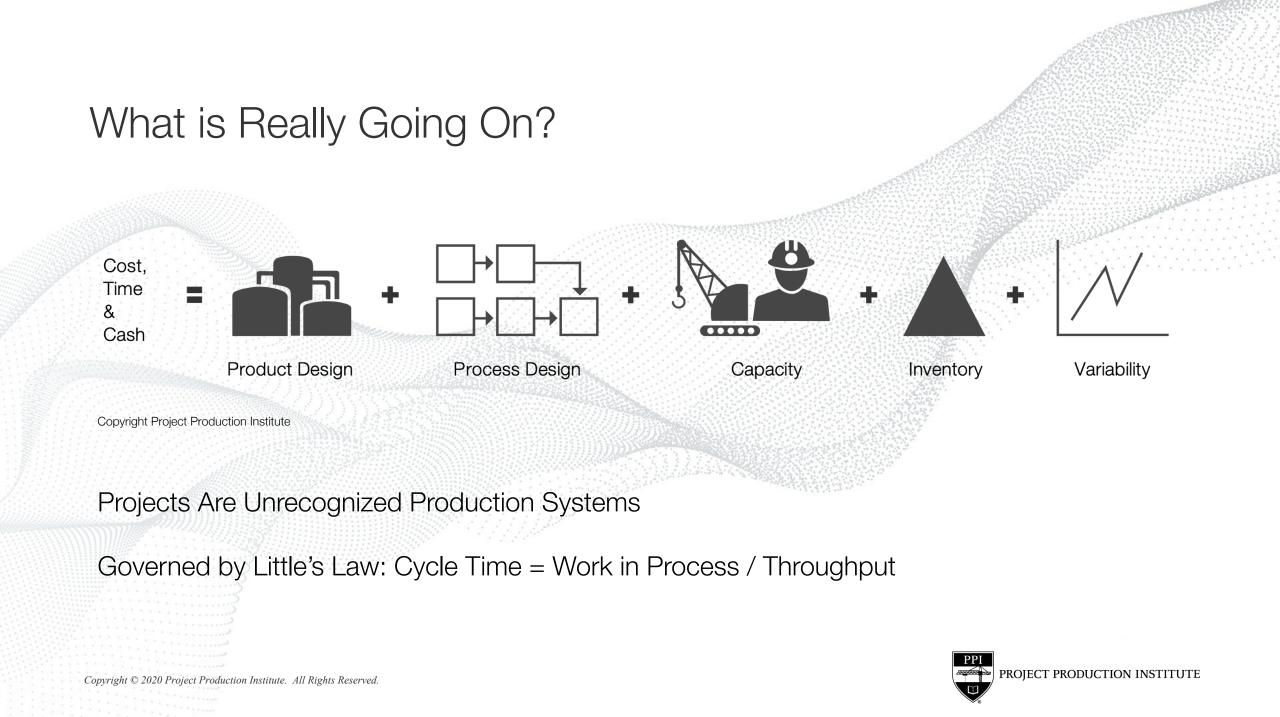
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Production System = Can/Will Happen



Rates / Throughput





Rates drive dates

Dynamic projects require rapid replanning

People doing the work do the real planning

Follow the science

PPI PROJECT PRODUCTION INSTITUTE

Operations Science IS the "project science"

Project Production Management is applied OS in projects



Understanding basic relationships

Cycle Time Work-in-Process Throughput

Utilization



Poll

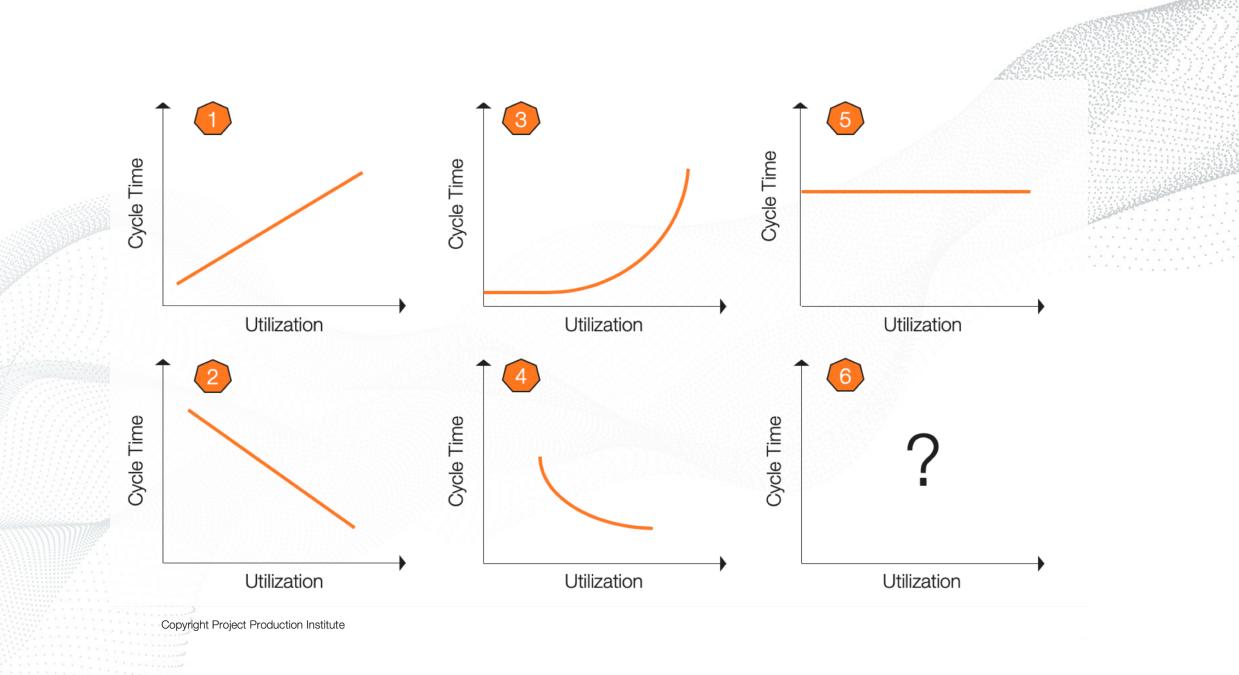
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Scan this code with your camera

click the link in Zoom chat window https://www.menti.com/91iy3oyw7y

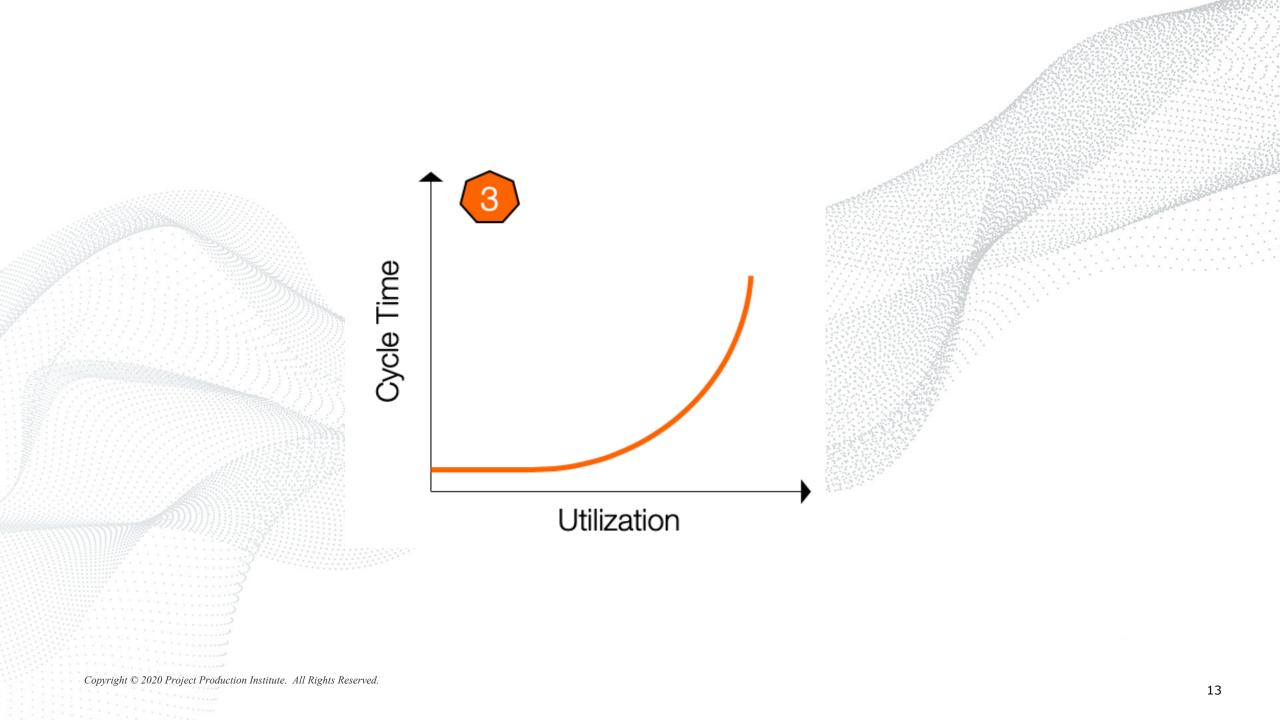


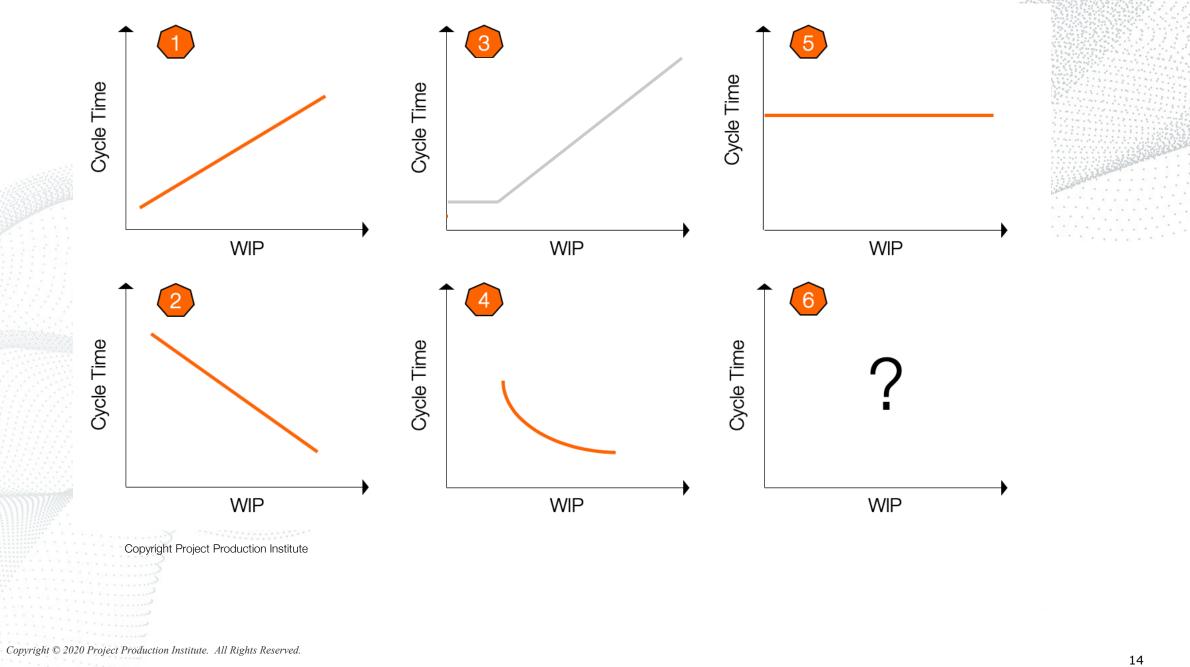




What is the relationship between Cycle Time and Utilization?



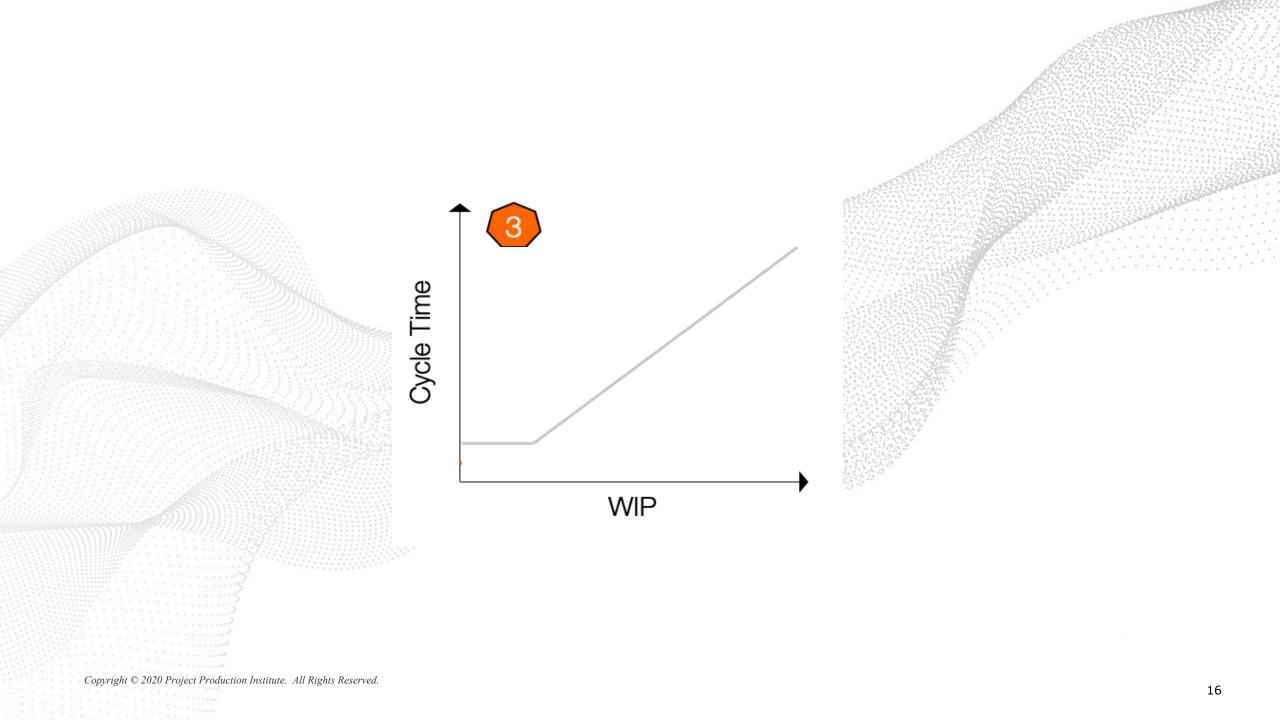




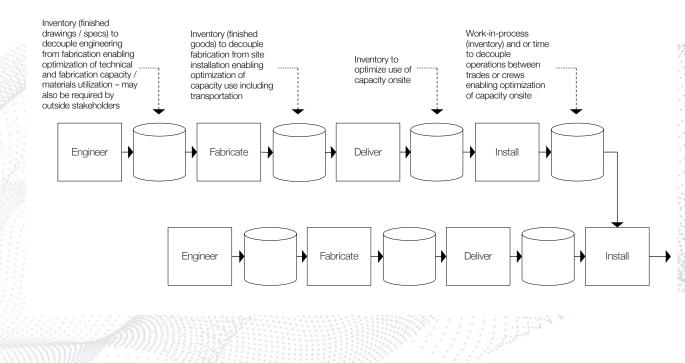
What is the relationship between Cycle Time and WIP?



https://www.mentimeter.com/s/72784d67dc620b22df29e2 66df8518f2/1eef85f977ed



Projects Naturally Deal with Variability by Protecting Each Step in the Process with Inventory



IMPLICATIONS:

Work In Process (Inventory) = More Time

More Time = More Cost

More Time + More Cost = Lower ROI

STRATEGIC PROJECT SOLUTIONS®



