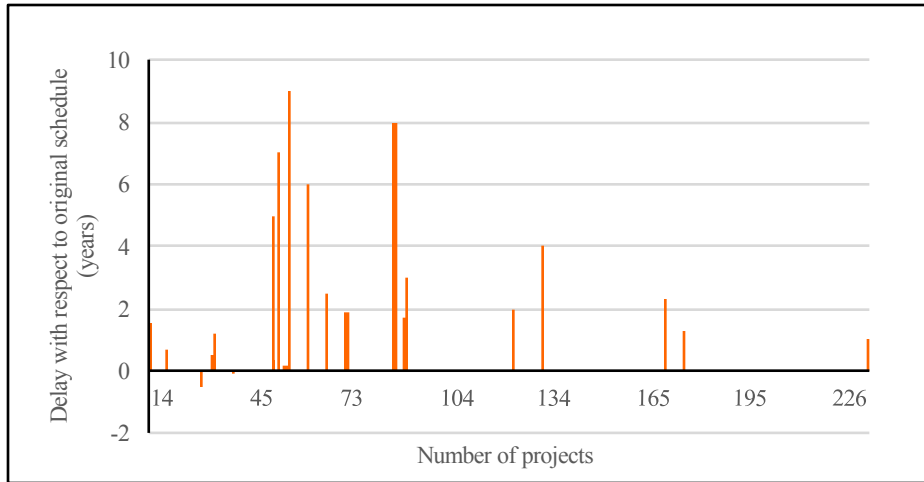


PROJECT PRODUCTION
INSTITUTE

Welcome 2016 Symposium

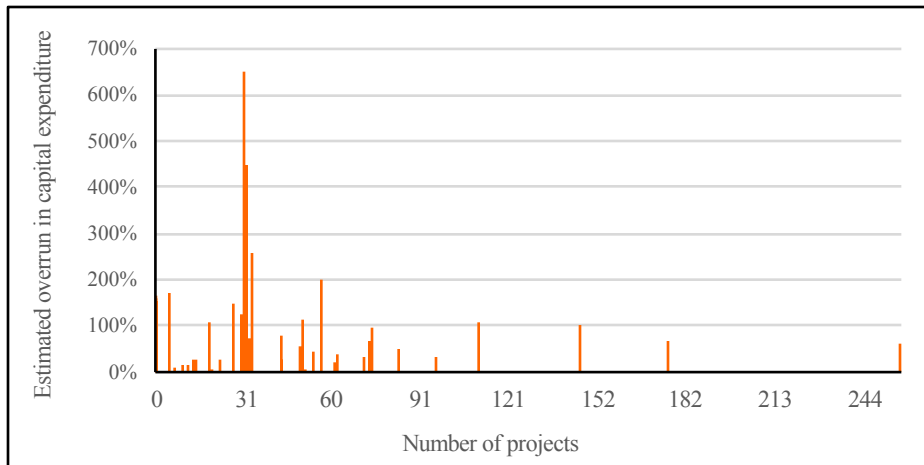
Safety Briefing

Cost and Schedule overruns the norm across industries



98% of projects incur cost overruns or delays

The average cost increase is 80% of original value



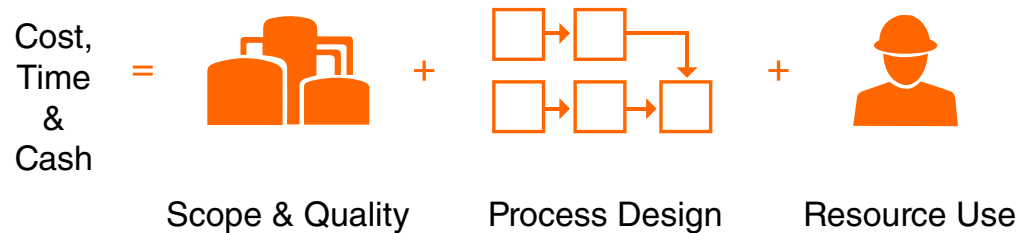
The average slippage is 20 months behind original schedule

Source: Global Projects Database, IHS Herold, Nov 19, 2013

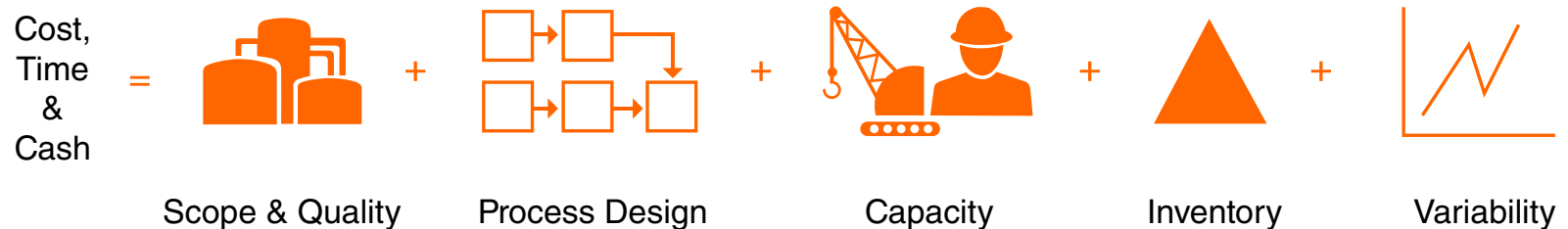
Graphic: SPS

PPM = Project Production Management

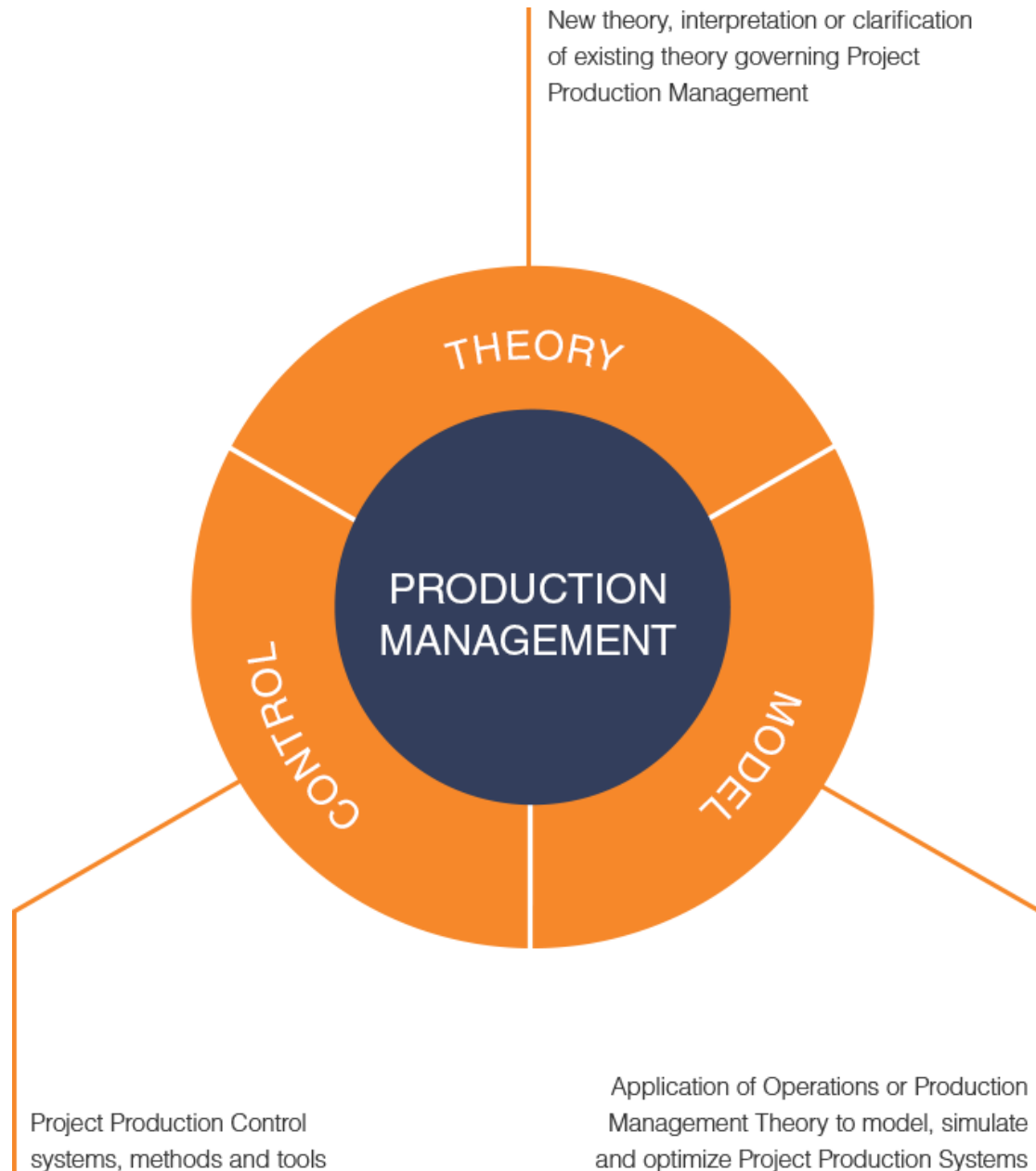
PROJECT MANAGEMENT



PRODUCTION MANAGEMENT



Not for profit focused on research and
dissemination of PPM body of knowledge



Dissemination – PPM Fundamentals

Awareness – Public/in-house learning sessions over lunch/breakfast

Education – Public seminar series, certification with leading universities

Publications – Journal, Glossary

2016 Lookback



PPI Seminar Series

Houston: 101 – Introduction to PPM

Houston: 201 – PPS Modeling and Optimization

Houston: 203 – PPM for Construction & Heavy Fabrication

London: 101 – Introduction to PPM

Seoul: 101 – Introduction to PPM

Joint Stanford CIFE-PPI VDC Certificate Courses

Stanford

Norway

Sweden

Inaugural Journal, PPI Glossary

Academic Partnerships/Outreach

Stanford University – CIFE

UC Berkeley – P2SL

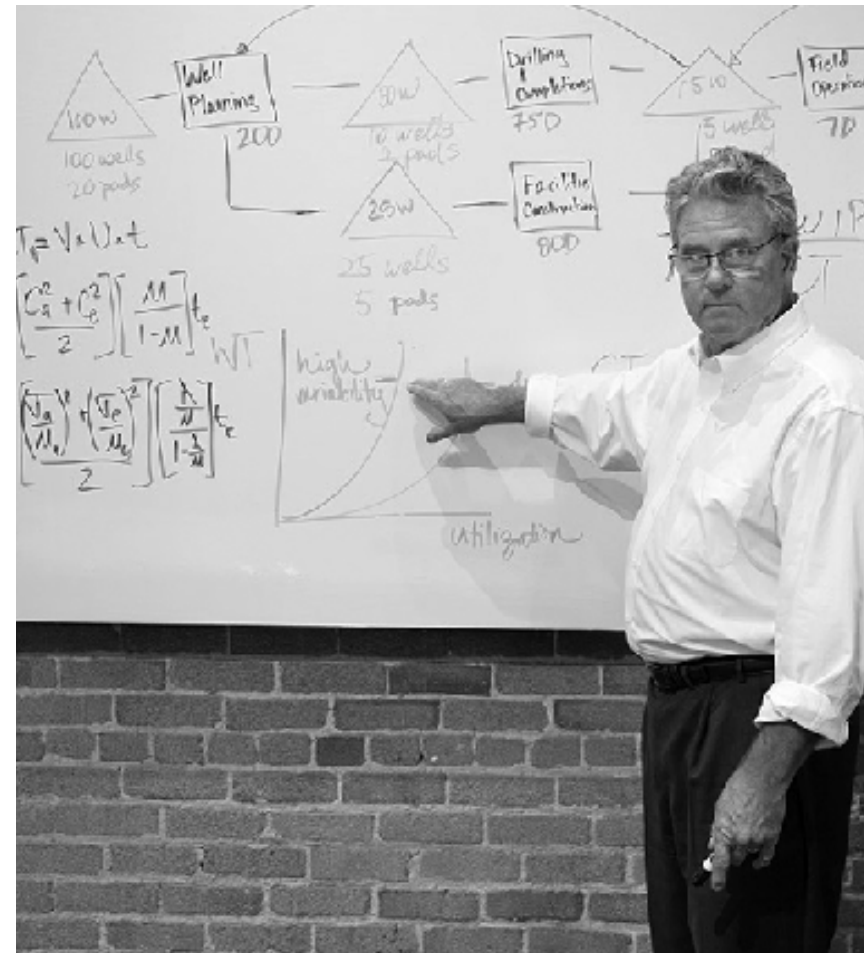
Imperial College – London

Texas A&M – College Station

Curtin University – Perth

Yonsei University – Seoul

Universidad Catolica – Santiago

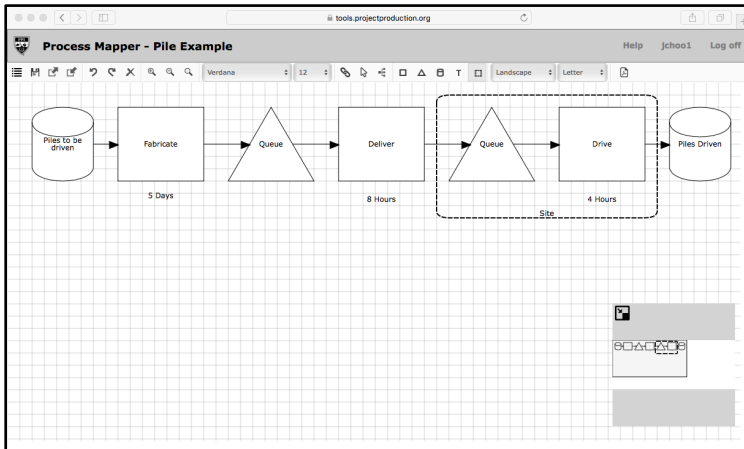


2016 Symposium Participants

A.G. Kunz LLC
BHP Billiton
Boldt
Cal Poly, San Luis Obispo
CB&I
CH2M Hill
Chevron
ChronosCloud
CIFE
Cloudleaf
Constructor Bau
Deutsche Alternative Asset Management
Digital Reality
Facebook
Factory Physics
FME
GCON Inc.
Genentech
Global Aerospace Logistics
Global Foundries
Google

Hensel Phelps Construction Co
Hess
Intel
Kaizen International
LAR
LCI/LOG
Livestoryboard Inc.
M&W Group
Margins Group LLC & UCI
Merck
Microsoft
Munich Re/HSB Ventures
Ortiz Consulting Services
Pacific Coast Iron
Project Production Systems Laboratory
Rhumbix
Rollon Corp
Schnitzer Steel
Skanska USA
SPS
Stanford
UC Berkeley

Process Mapper



Production Planner

The screenshot shows the 'Update Current Production Plan' window in the 'PRODUCTION PLANNER' section. It displays a list of tasks with their status, assigned members, and due dates.

ID	AI	Desc	Member	Quantity	Progress	Root Cause	Category	On npp	Status	Insert Constraint
EUP - Electrical - UPS Power Supply / Line 1 / - / - / - / -										
74480	PE1	Answer RF1	CJO		Not Completed	Too busy working on submittal A00102	Capacity - Labor	22 Nov 2016, 07:58	<input checked="" type="checkbox"/>	Insert
74203	PE1	Conduct continuity test on home run	MMR		Completed		---	21 Nov 2016, 16:20	<input type="checkbox"/>	Insert
74202	PE1	Tag home run line	J_H		Completed		---	21 Nov 2016, 16:20	<input type="checkbox"/>	Insert
74201	PE1	Terminate 1JB to ICD	MMR		---		---		<input type="checkbox"/>	Insert
EUP - Electrical - UPS Power Supply / Line 2 / - / - / - / -										
74220	PE1	Conduct continuity test on home run	MMR		Completed		---	21 Nov 2016, 16:21	<input type="checkbox"/>	Insert
74322	PE1	Check Forms for level	J_L		Completed		---	21 Nov 2016, 16:21	<input type="checkbox"/>	Insert
74323	PE1	Place 3-4" of gravel in bed and evenly spread	J_L		---		---		<input type="checkbox"/>	Insert

Summary: Total Number of Planned Tasks: 13, Total Man-Days Planned: 1.72, Total Man-Hours Planned: 32.50

David McKay



Beginning with Aera Energy, cited in Economist for onshore field development, influenced oil & gas industry for a decade

Led PPM adoption in Hess Corp for onshore field development since 2010

2015 PPI Award for Technical Excellence

Agenda

Exploring PPM – Julia Morgan Ballroom (Here)

- AM Project Production Management Overview
- PM Case Examples, Panel on Effective Adoption

Research Topics – Merchants Exchange (Downstairs)

- AM Managing Work at the Point of Installation
- PM Optimizing Supply Chains for Major Capital Projects

Lunch and Keynote – Julia Morgan Ballroom (Here)