



PROJECT PRODUCTION
INSTITUTE

Welcome



PROJECT PRODUCTION
INSTITUTE

Opening Remarks

Mike Williams, PPI

Safety Briefing



Vision

Massive capital project cost and schedule overruns no longer occur

Energy, industrial and civil infrastructure organizations are creating customer and shareholder value through efficiently delivering their projects

Industry practitioners use PPM as a standard element of project delivery

PPM is a core element of academic research and instruction



Purpose

The Project Production Institute **increases industry awareness** and facilitates a shift in thinking in support of the application of Project Production Management theory and methodologies to major capital projects

PPI funds research and disseminates knowledge about the application of operations management and systems theory to the delivery of complex and critical projects





PROJECT PRODUCTION
INSTITUTE

2015 Achievements

Mike Williams, PPI

Increased Membership

Added to Tech Comm and Advisory Board

Launched Industry Council



TECHNICAL COMMITTEE



H. Glenn Ballard, PhD



David A. Bray, PhD



H.J. James Choo, PhD



Martin Fischer, PhD



Phil Kaminsky, PhD



Mark L. Spearman, PhD



ADVISORY BOARD



John Carter



David McKay



Simon Murray



Todd R. Zabelle



INDUSTRY COUNCIL



Wayne Crabtree
CHEVRON



Ram Shenoy, PhD



Lisa Reynolds
INTEL



George Rogers
RQ CONSTRUCTION



Jennifer Weitzel
DIGITAL REALTY



Member Resources

Issued Project Controls vs Production Control Paper

Initiated Glossary

Updated PPI Timeline



Dissemination

Numerous internal Lunch & Learn Sessions

Several seminars with increasing attendance

CIFE / PPI VDC sessions

ResearchGate Presence

Wikipedia Pages



Operations

Recruited Director of Operations



Alexa Contreras





PROJECT PRODUCTION
INSTITUTE

Research Program

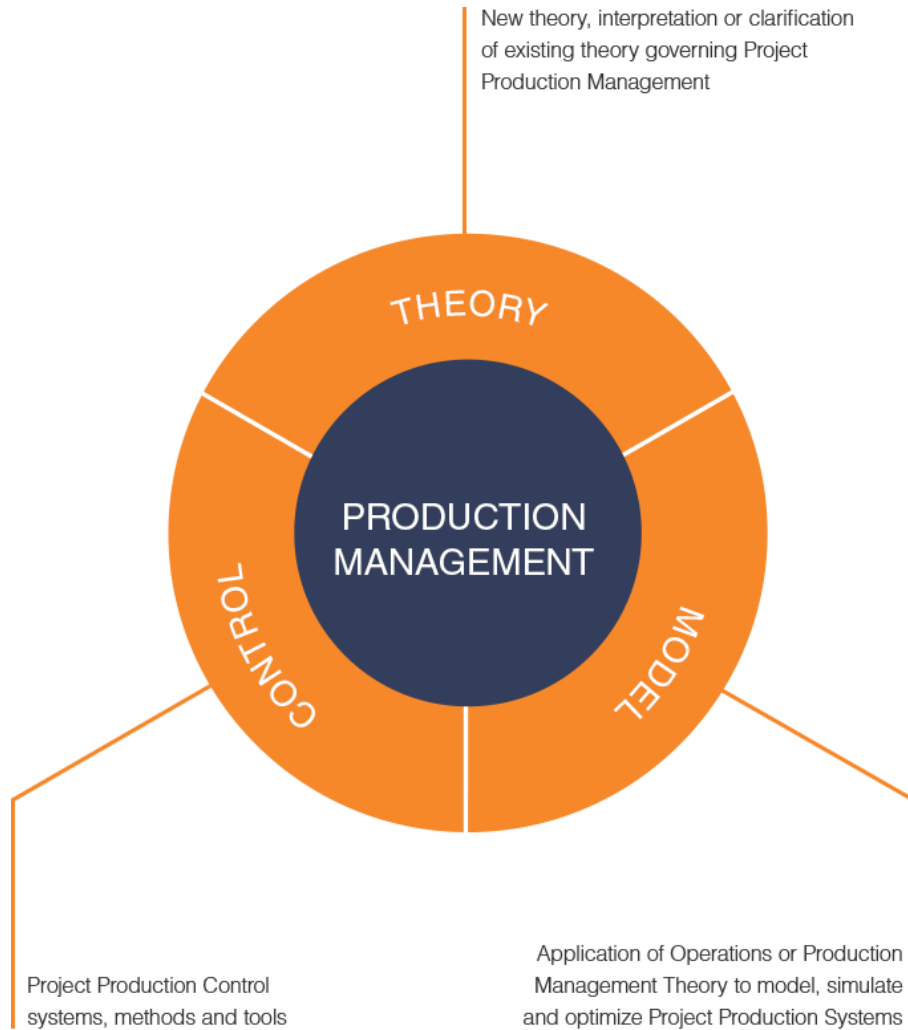
Mike Williams, PPI

Research - Approach

Monitor industry opportunities to deliver strategic value

Partner with leading academic institutions to undertake research





2016 Research - Ongoing

Effective Implementation of Work Packaging for Complex Projects

-Iris Tommelein and Glenn Ballard, UC Berkeley

Operations Management Framework for Project Production System Design

-James Choo, SPS and Mark Spearman, Factory Physics

Last Planner® System Revisited – 2014 Perspectives

-Glenn Ballard and Iris Tommelein, UC Berkeley



2016 Research – New

Conceptual Frameworks Underpinning Project Delivery and Implications for Optimizing Project Outcomes (2 unit seminar-research class)

-Todd Zabelle, SPS and Martin Fischer, Stanford

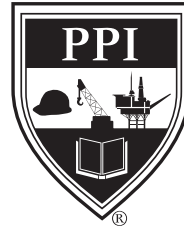
Framework for Optimizing MCP Supply

-Phil Kaminsky, UC Berkeley

Application of Systems Engineering to the Project Delivery Process

-Jennifer Whyte, Imperial College London





PROJECT PRODUCTION
INSTITUTE

2016 Lookahead

Mike Williams, PPI

2016 Membership and Leadership

Increase Membership

Expand Advisory Board and Industry Council



2016 Research Program

Create new academic relationships

-Korea

-Southwest U.S.

-United Kingdom



2016 Member Resources

Complete and Issue PPM Glossary

Other?



2016 Dissemination

Seminar Schedule

Symposium on November 30th

Post and maintain Wikipedia Pages and
ResearchGate presence

Publish PPI Journal (two issues)



Seminar Curriculum

Module	Description	Duration	Prerequisite
101	Introduction to Project Production Management (PPM)	2 Days	None
201	Project Production System Modeling and Optimization	1 Day	101
202	Production Management in Engineering	1 Day	101
203	Production Management in Heavy Fabrication & Construction	1 Day	101
301	Effective Implementation of Project Production Management	1 Day	101 and 201 or 202 or 203



2016 Seminar Schedule

DATE	LOCATION	COURSE
February 17-18	Houston	101 Introduction to PPM
February 19	Houston	203 Construction & Heavy Fabrication
May 1-2	London	101 Introduction to PPM
July 21-22	Seoul	101 Introduction to PPM
September 7-8	Perth	101 Introduction to PPM
September 9	Perth	201 Modeling & Optimization
November 27-28	San Francisco	101 Introduction to PPM



2016 CIFE / PPI VDC Program

Firm	Location	Date	Comment
Open	Stanford	Jan	Sold Out
Open	Stanford	July	Available

PPM certificate program

2016 Operations

Set-up and move to new office



Questions



sym·po·si·um

sim¹pōzēəm/

Noun

noun: symposium; plural noun: symposia; plural noun: symposiums

- a conference or meeting to discuss a particular subject.
- a collection of essays or papers on a particular subject by a number of contributors.
- a drinking party or convivial intellectual discussion, especially as held in ancient Greece after a banquet (and notable as the title of a work by Plato).



sym·po·si·um

sim¹pōzēəm/

Noun

noun: symposium; plural noun: symposia; plural noun: symposiums

- a conference or meeting to discuss a particular subject.
- a collection of essays or papers on a particular subject by a number of contributors.
- a drinking party or convivial intellectual discussion, especially as held in ancient Greece after a banquet (and notable as the title of a work by Plato).



2016 PPI Symposium

November 30 - San Francisco

