

Best Practices for Site-Based Projects

Boost the cost, schedule, and operability performance of your small, site-based projects. Learn best practices used by the world's leading project systems.

COVID-19 UPDATE

This in-person course will follow all [CDC health and safety guidelines](#). Keeping our participants and instructors safe is our highest priority. We will inform participants of changes/updates to these guidelines as needed.

COURSE SUMMARY

Sustaining and maintenance projects can represent up to 70 percent of capital portfolios for process industry organizations. Independent Project Analysis (IPA) research has found that these projects are frequently less successful than larger projects executed by the same company. By sharing data-driven Best Practices and key learnings from decades of research, this course provides participants the knowledge needed to improve site-based project performance.

The course materials have been enhanced with the latest IPA research on **portfolio management, Constructability Reviews, Value Engineering, owner estimating systems, team effectiveness, project controls**, and more. New interactive case studies and hands-on breakout exercises are incorporated to drive understanding of key concepts.

Because most small projects that are executed in operating facilities involve some amount of revamp work, a portion of the course is dedicated to the critical issues that revamp projects face and outlines strategies to address those issues.

BENEFITS

- **Increase** your ability to contribute to the process of planning and executing small, site-based capital projects
- **Learn** proven Best Practices that directly correlate with better project outcome performances
- **Understand** how practices can be implemented to overcome barriers to success
- **Gain** a unique and holistic view of developing capital projects from a global leader in project benchmarking and research

UPCOMING COURSES



June 7 & 8, 2022

JW Marriott New Orleans
614 Canal Street
New Orleans, LA 70130
8 a.m. - 5 p.m.
(Central Time)
\$1,500 USD

REGISTER

IN-HOUSE OPTION

Contact us at
ipainstitute@ipaglobal.com
if you prefer to hold a
private in-house course
for your company. private
in-house course for your
company.

REQUEST INFO

Australia

+61 3 9458 7300

Brazil

+55 41 3028 9028

Netherlands

+31 70 335 0707

Singapore

+65 6567 2201

United Kingdom

+44 118 920 7800

United States

+1 703 729 8300

**THE IPA
INSTITUTE**

Advancing Project Knowledge

www.ipaglobal.com

WHO SHOULD ATTEND?

This program is intended for owner company project professionals interested in learning how to develop and implement an effective small, plant-based project delivery system.

COURSE TOPICS

Measuring Capital Effectiveness	What is capital effectiveness and what are the key components? Overview of IPA's methodology to measure capital effectiveness.
Portfolio Management	Examples of project environment challenges for small projects. What is portfolio project management? Common barriers to effective portfolio management. A four-phase portfolio management process. Key scheduling tasks for portfolio management.
Introduction to FEL & the Stage-Gated Process	The process of Front-End Loading (FEL). Key elements of a stage-gated process. Advantages of implementing and adhering to a stage-gated process.
Team Effectiveness	Common barriers to successful team development. IPA's Small Project Team Development Index. Team composition issues for specific key core team functions.
The IPA FEL Index and Site Factors	IPA's FEL Index and its importance. The aspects of project definition addressed by Site Factors addresses. How achieving a <i>Definitive</i> level of definition for Site Factors helps to reduce risk.
Engineering Status	The aspects of project definition addressed by Engineering Status. How achieving an <i>Advanced Study</i> level of definition for Engineering Status helps to reduce risk.
Project Execution Planning	The aspects of project definition addressed by the Project Execution Plan. Scheduling practices that significantly improve both predictability and competitiveness for small projects. Microproject resource coordination considerations.
Contracting Strategies	Four key dimensions of a contracting strategy. Different types of contracting formats and discuss their advantages and disadvantages. How using incentives influences small project outcomes. Key factors to consider when developing a contracting strategy.
Construction Safety	How safety performance is measured. The factors, project characteristics, and project practices that drive safety performance.
Project Controls	Project controls and fundamental control activities. Problematic issues for small projects. Project Control Best Practices that correlate with improved project outcomes.
Pathway to Improvement	Discussion of IPA research that targeted a sample of sites that achieved significant improvement in their level of FEL (improved by 1 category or more) and cost performance (improved by at least 10%).

COURSE BACKGROUND

All course instruction, presentations, and supplementary course materials are rooted in IPA's decades of experience evaluating project and project systems, and conducting quantitative research into capital project issues and trends. IPA maintains a proprietary database with information on thousands of projects on which to base its analyses and studies.

Why the IPA Institute? The IPA Institute is the training and education division of Independent Project Analysis (IPA), the world's leading advisory firm on capital projects. Our courses equip industry leaders and capital project practitioners with Best Practices for projects, portfolio, and project system management/delivery. All course instruction, presentations, and supplementary course materials are rooted in IPA's unparalleled capital project knowledge.