

New
Course!

Capital effectiveness occurs when a project system routinely produces assets safely that operate well, at their budgeted cost, and in a timely manner. Unfortunately, only about one in ten systems achieves capital effectiveness. Common issues that erode capital effectiveness include the relatively long period between decision on the investment and the actual start of project execution, the multifunctional nature of capital projects, and the extensive use of project management consultants (PMCs) to support National Company staff.

This Project Management for National Companies program integrates findings from IPA's extensive quantitative research that links project management practices to project outcomes. The course is designed to provide participants the Best Practices and learnings that have been shown to improve capital project effectiveness. The course will also provide a discussion on how Best Practices can be applied within the constraints of a national company project process. The ultimate objective is to provide National Company staff responsible for managing projects a clear understanding of deliverables and requirements that with the support of PMCs need to be completed during the development and execution phases of the projects.

Key Benefits

- ▶ **IDENTIFY** the project that best meet's the organization's needs
- ▶ **APPLY** strategies for resourcing national company projects with effective project teams
- ▶ **DISCOVER** the required items to achieve a *Best Practical* level of Front-End Loading (FEL)
- ▶ **IMPLEMENT** a competitively bid contracting approach successfully
- ▶ **UNDERSTAND** and manage risks
- ▶ **IMPROVE** construction safety risks
- ▶ **USE** learnings from IPA's extensive research on actual projects to improve your ongoing and future projects

Course Format

The Project Management for National Companies is a 3-day training program. The course uses a combination of lecture, facilitated discussion, and case studies. Research findings are communicated through lectures. Participants share their experiences and relate learnings to their own experience through facilitated discussions. Case studies, using examples from projects executed by national companies, allow participants to apply course learnings to their projects.

Course Registration Cost

The cost of this 3-day program is US\$2,200. To view additional registration details and learn about special discounts, please visit our website at www.IPAInstitute.com, or call 703-729-8300.

Certificates with the number of course hours will be distributed to attendees to attain PDUs and continuing education credits.

Target Audience

This program is geared to National Company staff responsible for managing projects and Project Management Consultants working with the National Companies on those projects.

Course Content

Linking Practices to Outcomes

- Introduction to how practices drive cost, schedule, and safety results for government sponsored projects
- Measurement of project performance, methodology to quantify the effect of practices on project performance, predictability metrics, and competitiveness metrics

Governance and the Capital Project Process

- Discussion of the business stake in effective gated processes
- Identification of the key deliverables at each stage that provide the basis of making “go/no go” decisions at each project stage
- Demonstration of the benefits of the gated process, and the consequences of deviating from the work process

Team Effectiveness

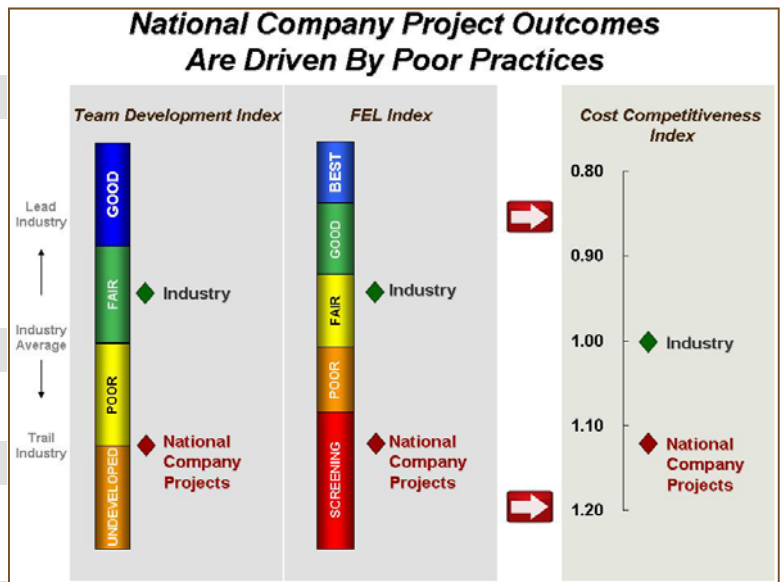
- Understanding components of an effective team and owner core competencies
- Managing interfaces across many functions and understanding the impact of turnover in key team roles
- Effective integration of contractors into the project team

Site Definition (A Component of FEL)

- Best Practices for site definition and their impact on project success

Design Status (A Component of FEL)

- Detailed discussion of the specific engineering deliverables to be completed prior to the start of production design



Project Execution Planning (A Component of FEL)

- Components of a project execution plan and its impact on project effectiveness

Cost and Schedule Estimates

- Components of a cost and schedule estimate as it moves through the project work process
- Estimating practices that lead to a better basis for a cost control plan and practices that can effectively accelerate schedule

Project Controls Practices

- Elements of a project control plan
- Practices for effective control and for preventing execution problems
- Best Practices for controlling cost growth and schedule slip

Value Improving Practices

- Defining VIPs, their impact on project outcomes, and how to develop a VIPs implementation plan

Contracting Strategies

- Critical elements of contracting strategies and the implications the choice of strategy has on project management
- Effectively implementing a competitively bid contracting approach

Construction Safety

- Practices that improve safety performance

Project Risk Analysis and Mitigation

- Tools and techniques for identifying, quantifying, and mitigating risks

“The entire course provided a valuable reference tool with thought-provoking issues and questions”

- 2009 IPA Institute Course Attendee

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