

Value Improving Practices (VIPs) Workshop

Value Improving Practices (VIPs) are formal, documented practices involving a repeatable work process with measurable results used during the basic design phase of a capital project. Independent Project Analysis (IPA) research has shown that VIPs are linked to improved project outcomes. The VIPs Workshop provides participants with an increased understanding of these practices and how to implement them for optimal capital effectiveness.

The workshop materials are based on the cumulative findings of more than 20 years of research. IPA maintains proprietary databases of projects executed by more than 300 companies. IPA uses these databases to conduct quantitative research that is focused on the drivers of project success. This program integrates key aspects of this body of knowledge into a single workshop.

Key Benefits

- ▶ **GAIN** a better understanding of VIPs
- ▶ **LEARN** how to select and when to implement the practices that add the most value in a specific circumstance
- ▶ **BUILD** a system to measure the use and effectiveness of VIPs

Workshop Format

The *Value Improving Practices Workshop* is based on IPA research and facilitated by experienced IPA staff. Facilitators are experienced in project analysis and have worked extensively with project professionals to improve their projects.

Holding a Workshop

For pricing and information on how to hold a *VIPs Workshop* for your organization, contact the IPA Institute at 703-729-8300 or via email at IPAInstitute@ipaglobal.com.

Workshop Location

The *VIPs Workshop* can be conducted either at an organization's facility or at a nearby conference center. The IPA Institute strongly recommends an off-site location to allow participants to focus on the workshop activities.

Target Audience

Representatives from project organizations who need to ensure that any process established is aligned with the owner company or sponsor organization's needs. Each function must be represented by people who have an in-depth knowledge of the process and by leaders who are empowered to implement change.

The IPA Institute is recognized as a registered education provider with the Project Management Institute (PMI).

Certificates with the number of course hours will



be distributed to attendees to attain PDUs and continuing education credits.

Workshop Content

The focus of the workshop is to establish a VIPs implementation process within the organization's project process. Many workshops begin with an assessment of the current use of VIPs. An analysis can then be done on the gap between optimal implementation of VIPs and current use. This becomes the basis for establishing the improvement program.

Defining VIPs

- Value Improving Practices, identified through IPA research to add value to capital projects, are defined in detail
- The value that each practice can add to project outcomes is also presented

How and When to Execute VIPs

- Timing in the project cycle for each VIP to be used to gain maximum value from the activity
- How to use each VIP to gain the most advantage from the activity
- Participants will have the opportunity to use this information to customize criteria for VIPs selection for their organizations

Methodology for Selecting VIPs

- The process for selecting VIPs to be used on a project, including information on how to determine the applicability of each VIP
- How to ensure alignment of business and project objectives with VIPs selection
- Participants will receive Guidelines to Plan and Schedule VIPs

Measures of Value

ASSOCIATED VIPS	
Strategic Business Objectives	<ul style="list-style-type: none"> • Technology Selection • Classes of Facility Quality
Capital Cost <i>(Scope)</i>	<ul style="list-style-type: none"> • Process Simplification • Value Engineering • Design-to-Capacity • Customized Stds & Specs
Execution Efficiency <i>(Cost and Schedule)</i>	<ul style="list-style-type: none"> • Constructability Reviews • 3D CAD
Operating Cost <i>(Uptime, Utilities, Maintenance)</i>	<ul style="list-style-type: none"> • Process Reliability Modeling • Predictive Maintenance • Energy Optimization • Waste Minimization

Building a System to Measure VIPs Use and Effectiveness

- Just as incremental value is added to a project when VIPs are used appropriately, proper documentation of VIPs use is key to demonstrating their perceived value
- A system for measuring benefits shows the value of these practices (cost savings, schedule optimization, better operability)
- Practices for implementing a VIPs documentation and measurement system for the organization will be discussed