



# COURSE TITLE: VALUE IMPROVING PRACTICES

**Course Duration:** 2 days

**Course Level:** Advanced

## Overview of Course:

The course explains what is involved in applying Value Improving Practices (VIPs) in practice on oil & gas development projects.

These, out-of-the-ordinary, practices are recommended by benchmarking organisations such as IPA and have demonstrably proved they can improve project performance. They are primarily used during the first few development phases (the Front-End Loading) of a project.

The course will cover nine commonly used Value Improving Practices including 'Project Framing', 'Value Engineering' and 'Risk Management'. Each technique will be explained together with practical tips on how to organise and effectively execute the VIP.

## DESIGNED FOR YOU, IF YOU ARE...

- A project team member who is likely to be engaged in a value improving exercise on a project
- A Facilities, Process or Project Engineer, either a Graduate or a more experienced Technical Professional, looking to broaden your competence in best practices in project developments
- A Project Manager who seeks an understanding of best practice techniques that can improve project values
- An Operations Engineer or Sub-Surface Engineer seeking to broaden your knowledge of advanced project development techniques

## HOW WE BUILD YOUR CONFIDENCE

The course links theory to application. It reinforces this through real industry problems and examples which are solved by the participants as part of the sessions.

The course is highly interactive and participants are encouraged to share their own experiences and problems to the benefit of all.

## THE BENEFITS FROM ATTENDING

By the end of the course you will have seen nine different Value Improving Practices that are applied in the oil & gas industry. You will appreciate how these practices can benefit projects and have an understanding of what it takes to implement these practices in the workplace.

For each of the Value Improving Practices you will have gained a basic knowledge of what aspect of a project's development the practice aims to improve, why and how it gains improvement and when the practice should be applied in the lifecycle of the project.

## TOPICS

- Where Value Improving Practices fit in the Project Lifecycle
- Value Improving Practices applied in the Oil & Gas Industry
- How to apply Value Improving Practices

## DAILY AGENDA

### Day 1: Project Lifecycle and Introduction to Value Improving Practices

- Introduction to the Project Lifecycle
- Overview of Value Improving Practices
- When to Conduct VIPs
- How to Conduct VIPs
- Common Value Improving Practices in more detail
  - Opportunity Framing
  - Identification of Concepts
  - Concept Selection

### Day 2: Continuation of Value Improving Practices detail

- Value Engineering
  - Short exercise in Value Engineering
- Risk Management
- Contract Environment & Strategy
- Design to Capacity
- Constructability
- Benchmarking
- Repeating VIPs

## INSTRUCTOR:

Phil Tudhope is currently Director of a consulting company, specialising in technical and project management training for graduates and more senior technical staff. He has a first class honours B.Sc. in Mechanical Engineering from Bristol University and is a Chartered Engineer, Fellow of the Institution of Mechanical Engineers and Associate Member of the Institution of Chemical Engineers.

Phil has over 40 years' experience in Project Management, Technical Development and Change Management in the oil & gas industry and proven technical and managerial capabilities to achieve results with a strong business focus and to effect significant positive change. He is a specialist in front-end (feasibility & concept selection) phases of upstream oil & gas developments with midstream (LNG) experience and project execution experience and has the ability to perform analysis and development work as well as lead and motivate teams.

Amongst other roles, he was Specialist Front End Advisor at Petronas Carigali, Chief Process Engineer at BG Group and Head of Upstream Engineering at Shell Technology India. He has experience worldwide in differing political, social and remote environments, having worked overseas for 28 years including the Far East, USA, Europe, the Middle East and India.

Phil is an experienced instructor including the development and delivery of technical and project management courses.