



COURSE TITLE: INTRODUCTION TO GATED DEVELOPMENT PROCESSES

Course Duration: 2 days

Course Level: Foundation / Intermediate

Overview of Course:

The course describes the features of a gated development process; where the full project lifecycle is split into distinct phases and there is a decision step between each phase where formal project assurance and governance is applied.

The benefits of the gated structure is covered including how this affords clear planning of work, deliverables and decisions specific to each phase. The course works through each distinct project phase describing the key work and decisions that need to be made in each phase. The course demonstrates how this structure affords clear decision making whilst taking in to account uncertainties, particularly subsurface uncertainties in the early project phases.

DESIGNED FOR YOU, IF YOU ARE...

- A member of a project team at either Graduate or a more experienced Technical Professional level looking to understand how project decision-making is achieved in a structured development process
- A senior member of the Company responsible for Project Governance who is looking to effect a progressive change in the decision-making processes used for major oil & gas developments
- A Subsurface Development Manager or Project Execution Manager who is responsible for a major oil & gas project for a number of the development phase

HOW WE BUILD YOUR CONFIDENCE

The course draws on best practices learnt and developed in major IOCs and NOCs. It reinforces the theory with practical application and real industry examples.

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 gained a sound understanding of why applying a 'Gated' Development Process provides for sound decision-making in projects and reduces recycle, late project changes and cost & schedule runaways.

You will understand how project Assurance and Governance integrally fits in with the gated process and have worked through the phases from project Initiation / Identification through to Start-up & Operation.

You will have gained this from seasoned professionals who have been involved directly with major projects and applying gated processes in International Oil & Gas Companies and National Oil Companies.

TOPICS

- Project Lifecycles
- The Development Phases
- Project Governance & Assurance
- Decision-making and the 'Gated-Process'
- Testing Decision Quality

DAILY AGENDA

Day 1: The Project Lifecycle, Development Phases, Governance & Assurance

- The Project Lifecycle
- Project Phases
 - Identification
 - Assessment
 - Selection
 - Definition
 - Execution
 - Operation
- Decision-Based Process
 - Gates
 - Decisions, Deliverables & Work
- Project Governance
- Project Assurance
 - Technical & Quality Assurance
 - Business Assurance
- Integrated Development
 - The Need for Full Discipline Integration

Day 2: More Detail on the Project Development Phases

- The Phases in More Detail
 - Identification & Assessment : Feasibility
 - Establishing Feasibility
 - Concept Selection Phase

- What is a Selection Concept
- Select Planning / Managing work by Decisions
- Select Planning Workshop
- Concept Select Workshops
- Definition Phase
- Managing the Execution Phase
- Quality of Decisions
- Wrap-Up
 - What we've Covered

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.