

Training - Management of Large Projects



PROJ-EN-P



Face-to-face only



5 days

This course explains how large projects are managed from initial stage to completion, integrating the limitation of the environmental footprint, with a focus on Oil & Gas project

IFP Training Certificate

Advanced Certificate

Level

Skilled

Public

Professionals who require a comprehensive understanding of management practices for large projects

Objectives

Attendees will be able to implement the following skills:

- Describe the activities & deliverables associated to the different project phases
- Understand the management methods used for large projects

Pedagogical & technical resources

- Several examples taken from large projects
- Various case studies are used to apply the techniques presented in the course

Assessment of achievements

- Trainees are assessed throughout the training through practical application phases and interactions with the trainer
- A final on-the-spot evaluation may also be carried out at the end of the course and/or at the end of each module using tests designed to verify the learners' understanding and assimilation of the knowledge linked to the training objectives

Prerequisites

No prerequisites are necessary to follow this course

Responsible

IFP Training instructors, with expertise in the field and trained in modern teaching methods adapted to the specific needs of learners from the professional world

Program

PROJECT MAIN PHASES & ORGANIZATION

0.5 day

Asset lifecycle and stage gate process, from initial idea to start-up

Preliminary, conceptual and pre-project studies on client/sponsor side to justify the project and main deliverables.

Development sequence: strategy and Project Execution Plan (PEP).

INTEGRATION OF ENVIRONMENT PROTECTION MEASURES	0.25 day
Energy efficiency, CCUS, Alternative means of producing energy	
SELECTION OF ENGINEERING CONTRACTORS	0.5 day
Role of engineering contractors Contracting strategy: project breakdown into contracts and main contract types Tendering process and contract award Company supplied items.	
PROJECT ORGANIZATION	0.5 day
Client / Sponsor / Proponent and engineering contractor perspectives Interactions between company's and contractor's team. Integrated project management team. Human resources, organization charts, project manager's role. Interface management.	
PROJECT CONTROL	1.25 days
Costs: estimation of facilities expenditures, budget elaboration, cost control, reporting. Claim management. Planning and scheduling: schedule elaboration, progress control, recovery plan. Quality assurance: control, and surveillance. Technical integrity management Project risks management and relevant action plans.	
ENGINEERING, PROCUREMENT & CONSTRUCTION (EPC) ACTIVITIES	1.5 days
Detailed studies: main deliverables per disciplines, project reviews, documentation control, management of changes, interface management (engineering disciplines, suppliers, yards). Procurement activities: purchasing, expediting, inspection Construction challenges: contractors and resources, (sub) contract types. Fabrication at yards. Construction at site. Interface with commissioning. Completion activities: pre-commissioning, commissioning activities, hand-over and acceptance of the facilities. Project close out and management of collective knowledge.	
HEALTH, SAFETY AND ENVIRONMENT (HSE) MANAGEMENT HIGHLIGHTS	0.5 day
Tools and techniques for Health, Safety and Environment (HSE) design, project reviews, HSE concept. HSE during construction phase, HSE indicators.	

Sessions

Rueil-Malmaison - From 11/16/2026 to 11/20/2026

4360 €/HT

To French entities : IFP Training is referenced to DataDock ; you may contact your OPCO about potential funding.
Please contact our disabled persons referent to check the accessibility of this training program : referent.handicap@ifptraining.com