

# Operations Readiness & CSU for Projects

Consultant / Trainer

**Erik Forkink**



### **Build Asset Readiness and execute flawless Commissioning & Start-Up for your project.**

Around half of oil & gas projects struggle in CSU and underperform in early operations. This four-day course shows how to deliver OR/CSU at the right time and maturity across the three workstreams: Operations Input, Commissioning & Start-Up, and Asset Readiness.

The course is delivered face-to-face in a highly interactive classroom format, with case studies used to apply the learning in practice. A short pre-course virtual learning module is completed ahead of the classroom, and post-course consultancy and help-desk support are available.



### **Participants**

This **Petrogenium.** course is for professionals engaged in, or moving into, project development and delivery such as OR/CSU professionals, project engineers and project managers, operations professionals and Discipline engineers

*Suitable for awareness, intermediate and experienced levels; customisable for greenfield or brownfield projects.*



### **Learning Objectives**

Upon completion, participants will be able to:

- Explain OR/CSU and its integration across project phases.
- Develop a credible Operational Performance Commitment at Investment Decision.
- Plan and execute CSU: systemisation, scheduling, and completions management.
- Apply CSU quality disciplines (operability, maintainability, tightness, cleanliness, preservation, novelty) and manage SIMOPS.
- Manage HSSE in Transition: the shift from personal to process safety.
- Build a ready Asset: organisation, OMS, CMMS, and competency.
- Lead Assurance (PSSR/PSUA), Project-to-Asset handover, and Start-Up Ramp-Up.
- Resolve OR/CSU dilemmas and build a tailored roadmap for your project.

# Programme

## DAY 1

### OR/CSU Foundations & Operations Input

- **Why OR/CSU:** project success factors; role in delivery.
- **The OR/CSU process & workstreams:** Operations Input, CSU and Asset Readiness, mapped to the OR/CSU Roadmap across the project phases.
- **Operations Input by phase: O&M Philosophy;** Operational Performance Commitment (OPEX, RAM, Start-Up); Required input during design and engineering.
- **Case Study:** develop the Operational Performance Commitment

---

## DAY 2

### CSU Planning, Systemisation & Quality

- **CSU Management:** contracting strategy; OR/CSU in ITT and contracts.
- **Systemisation & Scheduling:** integrated schedule; completions management (ITR, Mechanical Completion, RFSU).
- **CSU Quality Disciplines:** novelty, tightness, cleanliness & preservation,
- **Case Study:** build the CSU logic and schedule.

---

## DAY 3

### Asset Readiness & HSSE in Transition

- **Ops Input to Detail Engineering:** P&ID reviews; operations access.
- **Asset Readiness Plan:** organisation, OMS, CMMS, competency, information management
- **SIMOPS/HSSE in Transition:** personal to process safety shift
- **Case Study:** develop the Asset Readiness Plan.

---

## DAY 4

### Asset Readiness & HSSE in Transition

- **Start-Up Ramp-Up:** hydrocarbon introduction; First Product Commitment; Go/No-Go criteria
- **Assurance:** PSSR/PSUA readiness checks
- **Project-to-Asset Handover:** certifications; Final Acceptance; Asset Readiness closure
- **Case Study:** build the OR/CSU Plan & Roadmap

---

### Why select Petrogenium.?

The above support will be provided by principal consultants with 30+ years world-class experience in the technology and hands-on know-how from operation of refinery units.

### Contact Petrogenium.:

Email: [training@petrogenium.com](mailto:training@petrogenium.com)

Website: <https://www.petrogenium.com/training/>

***Because Experience Matters***