

Petrogenium. Academy

Upstream (Production Technology & Engineering)

Production System Optimization Training

Consultant / Trainer

Marcel Bouts



In this **Petrogenium (in collaboration with EPTS) Production System Optimization Training** participants will develop a structured and integrated approach to maximizing value in existing production systems, focusing on the entire system from reservoir to wells to facilities. They will learn how to identify bottlenecks and optimization opportunities using practical tools such as limit diagrams, surveillance cycles, and economics analysis, and will be guided through the process of preparing PSO reviews and constructing asset performance pictures.



Participants

Production technologists/engineers, petroleum engineers, reservoir engineers, production geologists, facility engineers, production supervisors, production operators, production programmers.



Learning Objectives

Participants in the Production System Optimization (PSO) course will achieve several key learning objectives. They will gain the ability to analyze production systems to identify inefficiencies and bottlenecks, and apply optimization techniques to maximize hydrocarbon recovery and production rates. The course teaches how to diagnose and troubleshoot common production system failures and operational issues, including root cause analysis and corrective actions. Attendees will also learn to optimize artificial lift systems, surface facilities, and flow assurance strategies, as well as implement production monitoring programs and continuous improvement initiatives. The program covers the fundamentals of production optimization, debottlenecking, and the use of nodal system analysis to evaluate integrated production systems.

Programme

5 Day Course

1. Creating the right behaviour for PSO
2. How to "Paint the Picture" of an asset
3. Data acquisition
4. PSO review preparation
5. How to construct and use a Limit Diagram of an asset
6. PSO economics
7. Risking of opportunities
8. Preparing an action plan

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.

Because Experience Matters

Contact Petrogenium.:

Email: training@petrogenium.com

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