

COURSE TITLE **PETROLEUM GEOSCIENCES FUNDAMENTALS (CODE 1.2)**

Location: *At Client training facilities or external venues*

Duration: *5 days*

Language: *English (other languages upon request)*

Course description: *The course focuses participants to the relevant aspects of key geological disciplines and their impact on exploration and reservoir development activities. The course shows the importance and relevance of petroleum geoscience, and how the proper use of geological information can lead to better management decisions, improving the project values. The course will point out the elements of a petroleum system: source, seal, reservoir, trap, the elements of petroleum geology and their control on productivity, the acquisition of geological data during exploration, along with an overview of drilling operations.*

Audience: *New entry industry technical professional, non-technical personnel (commercial, legal, financial, human resources and support entities) who wish to get foundation in petroleum geological fundamentals*

Course contents: *Introduction to geology and the earth sciences
Structure of the Earth
Classes of rocks: identification and classification
Geological disciplines and their applications in the E&P process
Elements and processes of the petroleum system
Petroleum exploration: techniques and methodologies
Overview of drilling operations and operational geology*