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*2 weeks course:*

# National Management of Petroleum Resources

## Course features

The course is a combination of expert lectures and team practices. The team practices are designed to engage participants in analysis and discussion of issues covered by the lectures. Social and sightseeing events will also be offered.

The course features 10 lecturers who represent vast experience in the petroleum sector and its public management.

## Course topics

Following is a preliminary list of lecture titles under each of the main topical sections.

### **Section 1. Managing natural resources: General principles and international practice**

*Learning objective:* Participants will understand the fundamental positions of key participants in the petroleum sector, and essential requirements for national management of resources.

- Introduction to the national management of petroleum resources
- State sovereignty and ownership as premises for resource extraction
- Standards of governance
- Strategic interests of the host country
- Overview of the petroleum value chain
- The global dimension of the oil and gas industry
- Promoting investments in a country to the oil industry
- Norway's experience with national management of petroleum resources
- Challenges of participating countries with petroleum resource management
- Strategic interest of oil companies and international supplier industries

### **Section 2. Governance, policy and regulation**

*Learning objective:* Participants will understand the functions of policy, legislation and other regulatory instruments, and understand key issues of methodology in developing these.

- Energy policy and petroleum policy
- Process and stakeholder engagement in policy development
- The extent of legislation: What needs to be regulated?
- Levels of regulatory instruments: Law, regulations and agreements
- Regulatory approaches to protect health, safety and the environment (HSE)
- Environmental protection as a national regulatory task
- Management of the nation's petroleum revenues

### Section 3. Organisation and regulatory capacity building

*Learning objective:* Participants will understand the essential functions of public institutions in relation to the petroleum sector, and the requirements for building capacity to enable effective national engagement in the sector.

- Significance of existing governance structures
- Public administration: Principles and structures for good governance
- Organisation, capacity building and compliance for national resource management
- Organising the national management of HSE
- The fiscal system
- Financial controls and transparency
- Capacity building for engagement in the petroleum sector

### Section 4. Managing the petroleum field life cycle

*Learning objective:* Participants will understand the essential challenges and requirements for national management of petroleum activities throughout the life cycle of reserves.

- Preparing new areas for petroleum activities: Strategic environmental assessments
- Strategies for assessing the resource base
- Awarding exclusive petroleum rights
- Plan for development and operations
- Joint operations and infrastructure
- The production phase: Maximising resource value and protecting the environment
- The final stages: Tail end production and abandonment

### Section 5. General issues in resource management

*Learning objective:* Participants will understand key challenges in the interaction of the petroleum sector with other sectors and dimensions of society.

- Promoting national content in the petroleum sector
- Affected third party interests (fisheries, agriculture, other activities)
- Gender issues in the petroleum sector
- Transparency, labour organisations and civil society in the petroleum sector



## ***Team practices***

Building on Petrad's unique methodology in applying educational scenarios resembling real-world challenges, participants will immerse themselves in the imaginary country of Eldorado. Eldorado faces a number of issues in the management of its petroleum resources, often highlighted by disturbing reports in the daily newspaper. It has a ministry of petroleum, some oil companies and an assertive civil society organisation (all represented by teams of course participants). Participants, therefore, must work in teams and draw on insights from course lectures to resolve Eldorado's various challenges.