

**E-580**

▲ Who should attend?

Engineers, Line Management, Advisors and Operations personnel involved in the Environmental and / or Social Management aspects of Operations or a Project.

▲ Duration

**5 days**

▲ Sessions in English

**July 05-09, 2010**  
Rueil-Malmaison (Paris)

**December 13-17, 2010**  
Rueil-Malmaison (Paris)

**French sessions: F-580**

▲ Registration

Fees: € 2,120

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▲ Course Coordinator

**Dawn BANNER**

Ref. **HSE / ENVGB**

At request, this course may be organized for a single company, and tailored to its specific requirements.

# ENVIRONMENTAL & SOCIAL IMPACT MANAGEMENT

## Consideration for project and operation phases

### OBJECTIVES

To provide the knowledge necessary **to apply the requirements of industry codes and practices** to ensure potential environmental and social impacts are properly identified and managed in the design of any modification or oil & gas project and during operations. To provide the techniques to enable proper management of the environmental and social risks related to the design, construction & operation of oil & gas processing facilities and to review design options to prevent, control and / or mitigate potential environmental and / or social impacts.

Upon completion of the course, participants will have received the domain knowledge necessary to:

- Understand the legislative requirements within the European Union with respect to Environmental and Social Management,
- Identify and understand what constitutes environmental and social impact risks,
- Identify actions to eliminate or minimize environmental and social impacts,
- Establish monitoring programmes to ensure compliance with defined environmental and social impact performance indicators,
- Understand the minimum requirements necessary for restoration of an operational site beyond abandonment.

### COURSE CONTENT

**ENVIRONMENTAL ISSUES RELATED TO E&P ACTIVITIES 0.25 day**

Historical overview of impact awareness, management  
Definitions: Environmental impact, significance, accidental Vs routine discharges, assimilative capacity of the environment  
Social Impact

**THE STAKES 0.25 day**

Environmental issues: local, regional, global  
Water, Waste, Air pollution, emphasis on global warming  
The oil industry and global environmental issues

**LEGAL REQUIREMENTS/ LEGAL STANDARDS: NATIONAL, REGIONAL, INTERNATIONAL 0.25 day**

Legal standards: national, regional, international, Best industry practices, The basis for environmental standards

**RISK ASSESSMENT ACTIVITIES 0.25 day**

Environmental risk assessment activities throughout the life cycle of a field, Tools used for impact prediction, Social Impact Assessment

**ENVIRONMENTAL RISK MANAGEMENT – PROJECTS 0.50 day**

The ESHIA process, Scoping an ESHIA, Environmental Management Plan, Environmental Hazard Identification – case study

**ENVIRONMENTAL RISK MANAGEMENT – PRODUCTION ACTIVITIES 0.50 day**

HSE MS – EMS (ISO 14001), Risk management activities, Continuous improvement processes, Oil Spill Response – Case study

**IMPACT MANAGEMENT 0.25 day**

Operational control – procedures  
Key environmental procedures: Wastes Management Plan, Chemical Management Plan, Oil Spill Contingency Plan

**MONITORING & REPORTING 0.50 day**

Key performance indicators, Industry performance – Trends, Industry best practices and auditing, Environmental monitoring, Green House Gases estimation and reporting

**ENVIRONMENTAL RISK MANAGEMENT – ABANDONMENT 0.25 day**

**SOCIAL ISSUES RELATED TO E&P ACTIVITIES 0.25 day**

The Risks, The stakes

**SOCIAL IMPACT ASSESSMENT (SIA) AS A RISK MANAGEMENT TOOL 0.25 day**

Definition of the SIA and of the social impacts, Historical overview of the SIA practice, Costs and benefits of the SIA, SIA Standards, Participative SIA Vs Technocratic SIA

**STAKEHOLDERS ENGAGEMENT 0.50 day**

Stakeholders engagement: definition and business case  
Stakeholders consultation and participation: process  
Stakeholder mapping  
Consultation and participation techniques  
Stakeholders engagement: key success drivers

**SOCIAL RISK ASSESSMENT 0.50 day**

The SIA process throughout the life cycle of the project, Scoping an SIA, Baseline and social survey, Impact identification and evaluation, Mitigation measures, Social impact monitoring

**SOCIAL RISK MANAGEMENT – PROJECT 0.50 day**

Social management plan, Public consultation and disclosure plan,  
Special topics requiring specific treatment: relocation, conflict zone, indigenous people  
Social impact identification – Case study