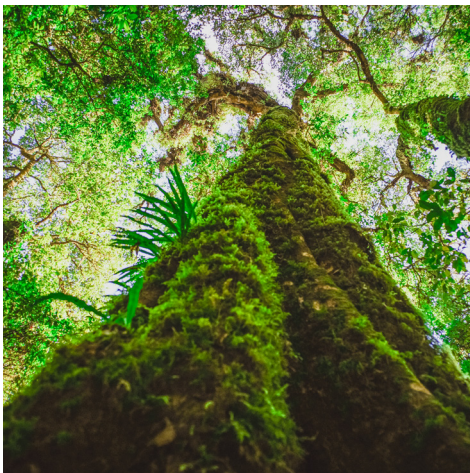




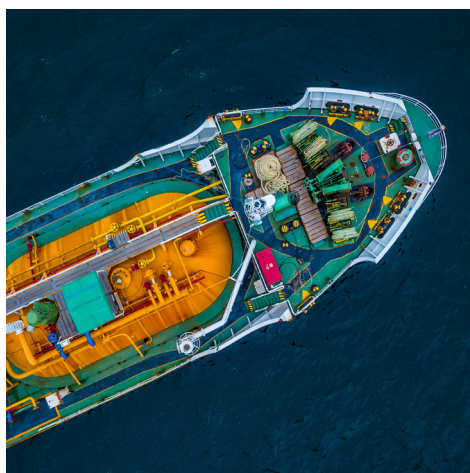
Improving environmental and social performance

Good practice guidance for the oil and gas industry



Advancing environmental
and social performance
across oil and gas

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July 2019



Biodiversity and ecosystem services

Biodiversity and ecosystem services fundamentals.

Managing biodiversity & ecosystem services (BES) issues along the asset lifecycle in any environment: 10 tips for success in the oil and gas industry.

A cross-sector guide for implementing the Mitigation Hierarchy.

Good Practices for the Collection of Biodiversity Baseline Data.

Cross Sector Biodiversity Initiative timeline tool.

Managing oil and gas activities in coastal areas.

Ecosystem services guidance: Biodiversity and ecosystem services guide and checklists.

Alien invasive species and the oil and gas industry.

An ecosystem approach to oil and gas industry biodiversity conservation.

Key biodiversity questions in the oil and gas lifecycle.

A guide to developing biodiversity action plans for the oil and gas sector.

Climate change

Climate change reporting framework.

Estimating petroleum industry value chain (Scope 3) greenhouse gas emissions. Overview of methodologies.

Addressing uncertainty in oil and natural gas industry greenhouse gas inventories. Technical considerations and calculation methods.

Energy and greenhouse gas efficiency compendium.

Guidelines for implementing ISO 50001 energy management systems in the oil and gas industry.

Preparing effective flare management plans.

Petroleum industry guidelines for reporting greenhouse gas emissions (2nd edition).

Addressing uncertainty in oil and natural gas industry greenhouse gas inventories.

Oil and natural gas industry guidelines for greenhouse gas reduction projects: flare reduction project family.

Oil and natural gas industry guidelines for greenhouse gas reduction projects: carbon capture and geological storage emission reduction project family.

Water

Review of water risk tools.

Global Water Tool for Oil and Gas - Version II, the customised version of the WBCSD Global Water Tool.

Efficiency in water use. Guidance document for the upstream onshore oil and gas industry.

Review of water risk tools.

Identifying and assessing water sources.

The IPIECA water management framework.



Fuels and products

Mercury management in petroleum refining.

Petroleum refinery waste management and minimization.

Management and remediation of sites in the petroleum industry.

Biofuels and water nexus: guidance document for the oil and gas industry.

Refinery air emissions management.

Petroleum refining water / wastewater use and management.

Guidance on the application of Globally Harmonized System (GHS) criteria to petroleum substances.

Chain of custody options for sustainable biofuels.

Fuel sulphur: strategies and options for enabling clean fuels and vehicles.

Clearing the air: strategies and options for urban air quality management.

Getting the lead out: downstream strategies and resources for phasing out leaded gasoline.

Social responsibility

Community development agreements.

Company and supply chain labour rights.

Free, prior and informed consent (FPIC) toolbox.

Community liaison officers team building and management guidance.

Making the business case for Corporate Social Responsibility.

Creating successful, sustainable social investment (2nd edition).

Redefining key components of social investment.

Monitoring and evaluation of social investment.

Social investment across the oil and gas project life cycle.

Host country security assessment guide.

Host government engagement strategy tool.

Local Content (2nd edition).

Community grievance mechanisms in the oil and gas industry. A manual for implementing operational-level grievance mechanisms and designing corporate frameworks.

Operating Management System Framework for controlling risk and delivering high performance in the oil and gas industry.

Integrating human rights into environmental, social and health impact assessments.

Operational level grievance mechanisms: good practice survey.

Human rights due diligence process: a practical guide to implementation for oil and gas companies.

Human rights training tool.

Indigenous Peoples and the oil and gas industry: context, issues and emerging good practice.

Voluntary Principles on Security and Human Rights: Implementation Guidance Tools.

Local content strategy.

Urban encroachment.

Human rights and ethics in the oil and gas industry.

Guide to operating in areas of conflict for the oil and gas industry.

Key questions in managing social issues in oil and gas projects.

Health

Managing fatigue in the workplace.

Health management in the oil and gas industry.

Vector-borne diseases: Chikungunya and Zika virus.

Oil and gas contractor drug and alcohol testing guidelines.

Infectious disease outbreak management.

A programme manual for the oil and gas industry.

Health impact assessment.

Fatigue in fly-in, fly-out operations.

Health management contract guidelines for clients and contractors.

Assessing risks from operator fatigue.

Managing psychosocial risks on expatriation in the oil and gas industry.

Prevention of heart attacks and other cardiovascular diseases.

Performance indicators for fatigue risk management systems.

Vector-borne disease management programmes.

Fitness to work.

Managing health in field operations for oil and gas activities.

Substance misuse.

Managing tuberculosis.

Drilling fluids and health risk management.

Food and water safety.

Health aspects of work in extreme climates.

Health performance indicators.

Managing fatigue in the workplace.

Travel guide.

Health risk assessment.

Malaria management programmes.

Managing workplace stress.

HIV/AIDS management.

Oil spill

Strategy

Oil spill preparedness and response: an introduction.
Incident Management Systems (IMS).
Net Environmental Benefit Analysis (NEBA).

Preparedness

Contingency planning.
Sensitivity mapping for oil spill response.
Tiered preparedness and response.
Oil spill response training.
Oil spill exercises.

Response

Aerial observation of oil pollution at sea.
Satellite remote sensing of oil spills.
In-water surveillance.
Dispersants: surface application.
Dispersants: subsea application.
At-sea containment and recovery.
Controlled in-situ burning of spilled oil.
A guide to shoreline assessment (SCAT) surveys.
A guide to oiled shoreline clean-up techniques.
Inland responses.
Oil spill waste minimization and management.
Wildlife response preparedness.
Economic assessment and compensation for marine oil spills.
Oil spill responder health and safety.

Impacts

Impacts on marine ecology.
Impacts on shorelines.

Reporting

Oil and gas industry guidance on voluntary sustainability reporting (3rd edition).



This document provides a list of IPIECA's good practice guidance documents, for other IPIECA resources including awareness briefings, fact sheets, workshop reports and case studies, please visit www.ipieca.org.

IPIECA is the global oil and gas industry association for advancing environmental and social performance. It develops, shares and promotes good practice and knowledge through industry collaboration. IPIECA convenes a large portion of the global oil and gas industry across the value chain and is the industry's principal channel of communication with the United Nations.

Through its member led working groups and executive leadership, IPIECA brings together the collective expertise of oil and gas companies and associations. Its unique position within the industry enables its members to contribute effectively to the sustainable development agenda.

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