

# Sessions Outline

**Day 2, 29<sup>th</sup> April 2019**

## **Plenary:**

### **HSE Sustainable Strategies in Upstream & Downstream Petroleum Industry**

As governance role is one of important role in sustainability of Oil Industry, so how can HSE Sustainable Strategies lead to sustainable development in Petroleum Industry? One of the greatest challenges of our time is to provide safe, reliable, affordable and modern energy to a growing population. How can we do that in a sustainable way? What is the industry's role and contribution to achieving the Sustainable Development Goals (SDGs)? What impact will pricing have on achieving these objectives?

## **Upstream Panel:**

### **Session 1: HSE & Sustainable Development of Oil & Gas Fields: Best Practice**

Which HSE Strategies lead to Sustainable Development in oil & Gas fields? What is the Best strategies of Sustainable development in oil and gas fields?

## **Upstream Panel:**

### **Session 2: Sustainability Vs. Environmental Impact in Oil & Gas Fields Development: Best Practice**

#### **Stream 1: Sustainability & Environment**

#### **Stream 2: Leadership Perspective & Sustainability Workshop**

As Environmental Impact is a challenge that Upstream and Downstream Petroleum Companies are dealing with, so what are the best practices and lesson learned of reducing Environmental Impact in Petroleum Industry? How Sustainable solutions reduce the global carbon footprint and environmental affect? Who put sustainability at the top of their agenda? As we are going through the energy transition, how can governments and businesses cooperate to achieve Sustainability?

**Day 3, 20<sup>th</sup> February 2019**

## **Breakout Panel:**

### **Innovative Solutions for a Sustainable Future**

#### **Stream 1: Technology, Digitalization & Future of HSE**

#### **Stream 2: Increasing Safety & Environmental Protection: Best Practice**

Presenting innovative solutions and new technologies in an interactive panel with the next generation of innovators for HSE Sustainable Development and making a Sustainable future and using emerging technologies to rapidly bring down costs, make operations safer, increase environmental protection, lower carbon footprint, minimize process related Incident and innovative solutions to reach HSE Sustainable Development. Define how innovation, technology, digitalization can help to reach sustainable future?

## **Expert Panel:**

## **HSE Sustainable Development in Refineries & Petrochemicals Plants: Regional Best Practice.**

The oil and gas industry's best practices are continually being developed in various ways in accordance with public response and regulator concerns, new standards and guidelines, environmental conditions and technological innovation. A wide variety of factors affect the adoption of these practices, including environmental, Social and economic considerations. While government and industry generally oversee the implementation of these Practices, the process by which they are developed, accepted and adopted has generally not been well understood by the parties affected, Therefore developing oil and gas industry regional best practices of HSE Sustainable Development in Upstream and Downstream will share.

### **Break Out Panel:**

#### **Downstream Sustainable Future Best Practice**

##### **Stream 1: Cost-Benefit Analysis in HSE**

##### **Stream 2: Environmental Assessment & Sustainability**

As Cost-Benefit of environment, safety of equipment's, colleagues are one of our challenges and task in HSE management, therefore what is the best practice for this agenda? the best practices for cost-benefit analysis of downstream infrastructure projects, guidance for development of regional downstream industry scenarios and Cost-Benefit Analysis methodology for infrastructure projects, Scenario identification and prioritization, Risk Analysis are the main discussion in this panel. Our aim is to reach insights into the current application and its foreseen/desired benefits to understand and frame the current developments regarding risk, cost and benefit assessment of current plants and future development plans with HSE approach and to report to industry policy makers.

To present information relating to organization's aspects which are those reflect the organization's significant economic, environmental and social impacts, it also can be used to outline the connection between SDGs and the relevant indicators in oil & gas industry. In this panel will share Gri-G4's indicators as a base line for assessment, certainly challenges extracted from this task are the main pillars for planning a sustainability strategy of organization.

### **Interactive Closing Panel: "Young Leaders Perspective"**

The "HSE Sustainable Development" invites the industry Young Professionals to take a proactive role in reshaping the HSE contribution of the industry and the related policy frameworks. The Interactive panel consists of carefully selected and strongly motivated young professionals passionate about Health, Safety and Environment to bring the future leaders' perspectives to our debates.