



**OPERATIONAL EXCELLENCE IN THE OIL AND GAS  
INDUSTRY: A NEW APPROACH TO SAFETY  
A 3-DAY WORKSHOP**

**ARROWVILLE ENERGY LIMITED IN COLLABORATION WITH THE  
UNIVERSITY OF ABERDEEN**



**THE DORCHESTER, PARK LANE, LONDON**

---

**OCTOBER 26 – OCTOBER 28, 2020**

# Arrowville

energy limited



ARROWVILLE ENERGY LIMITED commenced its operations in 2013. Its areas of operation are in the supply of Personal Protective Equipment (PPE) and in training in Health, Safety and Environment (HSE) for the oil and gas sector. Both these areas are of topical importance, as indicated in the provisions of the Petroleum Drilling and Production Regulation, the Mineral Oils Safety Regulations and the International Regulations on Safety and Environmental Protection which are now being especially enforced.

## OUR MISSION

The mission of ARROWVILLE ENERGY LIMITED is to promote the development of oil and gas exploration and production and to ensure the safety and environmental protection of the universe.

## CONTACT US

LUSOKAN HOUSE, IPARA-REMO, OGUN STATE

P.O. BOX 54941, Ikoyi, Lagos, Nigeria

Telephone: +234-803 916 1871, +234-708 260 9518

E-mail: [info@arrowvilleenergy.com](mailto:info@arrowvilleenergy.com)

Website: [www.arrowvilleenergy.com](http://www.arrowvilleenergy.com)



# Arrowville

energy limited



## FOR WHOM

This seminar is designed for senior HSE managers, senior engineers and senior executives in the oil and gas industry.

## PREAMBLE

The price of oil continues to be low, despite recent increase. This is not new to an industry that is used to instability in price. However, it creates pressure globally to reduce CAPEX and OPEX including downsizing in staff. Nevertheless, both industry and regulators need to ensure that there is no compromise on the improvement of process safety management programmes.

Process safety management programmes adopted internationally are mature. The Safety Case approach to the management of offshore safety underwent major developments in the 1990s following the Piper Alpha incident and the publication of the Cullen report. Since then improvements have been evolutionary rather than revolutionary. Even the newer Safety and Environmental Management System (SEMS) rule for offshore Gulf of Mexico operations uses the same basic process safety structure. It does not introduce any radically new ideas or concepts. However, improvement on regulations for safety performance is crucial to successful operational excellence in the oil and gas industry particularly in offshore operations.

This seminar presents three stages in which new strategies for operational excellence in the oil and gas industry could develop. Discussions are on process safety; operational excellence, which goes beyond process safety; and business efficiency and profitability. Operational excellence builds on the foundations of process safety and also includes business activities and management programmes related to overall operations. Operational excellence is thus used not only to improve safety but also to help the industry become more efficient and more profitable.

# Arrowville

energy limited



## WORKSHOP CONTENT

### DAY 1: MAJOR INCIDENTS IN THE OIL AND GAS INDUSTRY AND PROCESS SAFETY PROGRAMMES

Key Note Address: The Importance of Safety and Environmental Protection in the Offshore Oil and Gas Industry.

Icebreaker: What does the Term 'Major Incident' Mean?

A History of Incidents in the Offshore Oil and Gas Industry

A History of Incidents in the Process Industry

Workshop: Are HSE Statistics a Predictor of Future Performance?

Determining Common Root Causes of Major Incidents from Investigations

Development of the Safety Case Approach

Development of the Safety and Environmental Management System (SEMS)

Workshop: Improving the Effectiveness of HSE Management Systems?

Summary and Close (Day 1)

### DAY 2: OPERATIONAL EXCELLENCE IN THE OFFSHORE ENVIRONMENT

Icebreaker: How Much Impact does an Incident have?

Inherent Safety

The Use of Process Safety Management Techniques to Improve Operability

Incorporating Practical Field Experience

Managing Change in the Offshore Oil and Gas Industry

The Integration of Business Programmes in Process Safety Programmes

Operational Excellence Assessment Programme

Use of Operational Assessment User Guide



# Arrowville

energy limited

Workshop: Implementing Operational Excellence?

Summary and Close (Day 2)

## **DAY 3: DEVELOPMENT OF BUSINESS AND INTERNAL MANAGEMENT PROGRAMMES**

Icebreaker: The Tennis Ball Challenge? – Effective Team Working

Development of Risk Assessment and Business Development Programmes

Workshop 1

Development of Risk Assessment and Internal Management Programmes –

Workshop 2

Operational Excellence: Improved Efficiency and Profitability

Workshop 3

Fundamentals of Project Management

THERE WILL BE 3 TEA AND COFFEE BREAKS AND A 3-COURSE BUFFET LUNCH DAILY.



## Arrowville

energy limited

### SPEAKERS

**Dr Lateef Akanji** has experience in the Nigerian and foreign oil and gas environment. He has been senior lecturer, Petroleum Engineering, at the School of Engineering, University of Aberdeen, since 2014. He obtained his PhD in Petroleum Engineering from Imperial College London. From 2000 to 2001 he was a trainee drilling and operations engineer at Pan Ocean Oil Corporation, Nigeria. From 2002 to 2005, he was reservoir simulation consultant at Shell Petroleum Development Company of Nigeria. In 2008, he was visiting lecturer, Reservoir Engineering, University of Leoben, Austria. From 2011 to 2012, he was assistant professor of Petroleum Engineering, King Saud University, Riyadh, Saudi Arabia. From 2012 to 2014, he was lecturer and Head of Petroleum Technology Research Group at the University of Salford Manchester, UK. He is a fellow of Higher Education Academy (FHEA), a fellow of the Energy Institute and a member of the Society of Petroleum Engineers. He has published many articles in learned international journals. His current research interests are in subsurface production improvement and optimization and technology development platforms.

**Wallace Robertson** is a chartered occupational health and safety professional and a Quality Health, Safety and Environment consultant. He worked as a safety superintendant for Technip and as a QHSE manager, global QHSE manager and vice president QHSE for Helix Energy Solutions Group.

**Ahmed Gedik** is a mechanical engineer, a chartered engineer and a member of the Institution of Mechanical Engineers (UK). He has over 40 years' experience in engineering, design and construction in the oil and gas industry, onshore and offshore. He has worked in the Middle East, Africa and the U.K. He currently delivers a course of lectures on the Safety of Equipment of offshore production facilities to students studying for MSc degrees in Safety and Reliability Engineering at the University of Aberdeen.

# Arrowville

energy limited



**OPERATIONAL EXCELLENCE IN THE OIL AND GAS INDUSTRY:  
A NEW APPROACH TO SAFETY  
THE DORCHESTER, PARK LANE, LONDON  
OCTOBER 26 – OCTOBER 28, 2020**

FEES: £4,000 (Four Thousand Pounds Sterling) + 20% U.K. VAT

METHODS OF PAYMENT

BANK TRANSFER :

Account Name : ARROWVILLE ENERGY LIMITED

Sterling Domiciliary Account No: 0013865062

Bank Name: GUARANTY TRUST BANK PLC, LAGOS, NIGERIA

CHEQUES:

Cheques should be made payable to ARROWVILLE ENERGY LIMITED and paid into the domiciliary account of ARROWVILLE ENERGY LIMITED (Details above).

TERMS AND CONDITIONS OF BOOKING AND PAYMENT OF FEES

PAYMENT AND BOOKING SHOULD BE RECEIVED **ON OR BEFORE SEPTEMBER 4, 2020.** FULL PAYMENT MUST BE RECEIVED FOR ENTRANCE TO BE GUARANTEED. SHOULD A DELEGATE BE UNABLE TO ATTEND, A SUBSTITUTE DELEGATE IS WELCOME. CANCELLATIONS MUST BE RECEIVED IN WRITING NOT LESS THAN FOURTEEN (14) DAYS PRIOR TO THE EVENT. THE FEES DO NOT INCLUDE ACCOMMODATION AND TRAVEL COSTS; THESE ARE THE RESPONSIBILITY OF THE DELEGATE. IT MAY BE NECESSARY, FOR REASONS BEYOND THE CONTROL OF THE ORGANISERS, TO ALTER THE DATE OR VENUE OF THE SEMINAR. THE COMPANY WILL NOT ACCEPT LIABILITY FOR ANY TRANSPORT DISRUPTION OR INDIVIDUAL TRANSPORT DELAYS. **THERE IS A REDUCTION OF 5% IN FEES FOR ORGANIZATIONS WHICH REGISTER AND PAY FEES FOR AT LEAST 5 DELEGATES BY JULY 30, 2020. THERE IS A REDUCTION OF 10% IN FEES FOR ORGANIZATIONS WHICH REGISTER AND PAY FEES FOR 10 DELEGATES OR MORE BY AUGUST 14, 2020.**