E&P Overview Series

The Energy Transition – Key Components

Designed for:
This course is designed for energy professionals who wish to be better informed about the Energy Transition and path to Net Zero in terms of concepts and technology. It is also intended for others not directly working in Energy companies but who provide related support services.

Duration
(days)
1 2

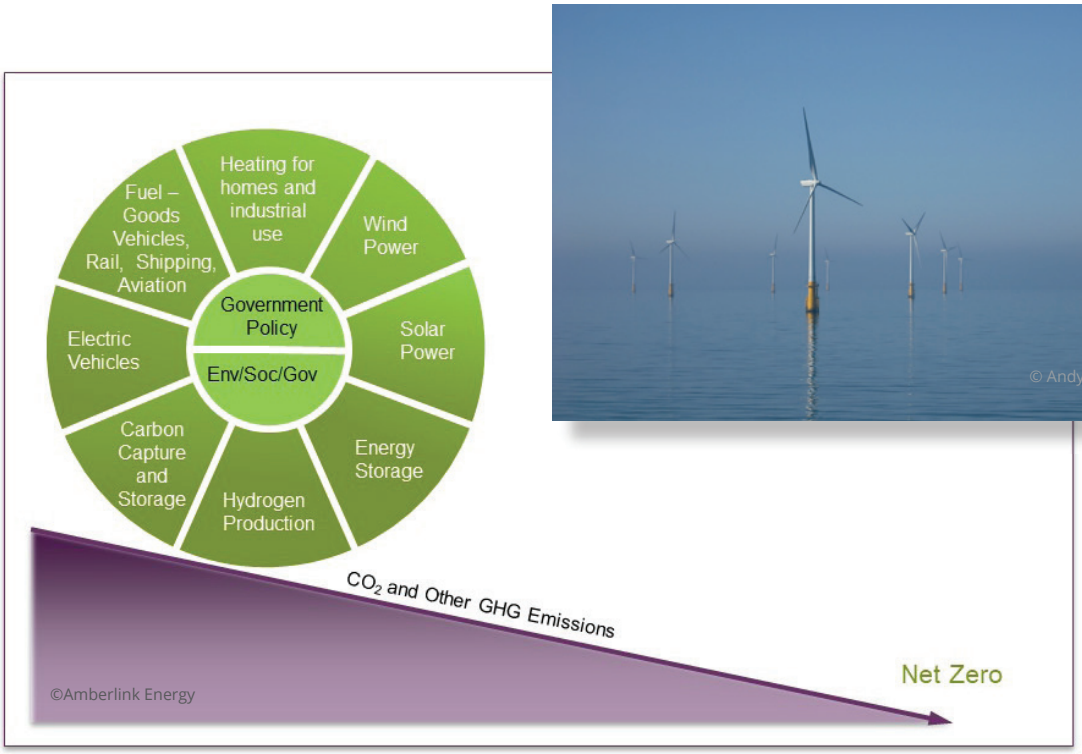
Learning Level:
Skills
Knowledge
Awareness

The objective of this course is to provide a comprehensive overview to the Energy Transition and path to Net Zero. The course complements the "Energy Transition in a Day" course.

Over two days you will learn about the key components of the Energy Transition.

Gain an understanding of the major technical and business considerations that make up each part of the energy transition and to demonstrate the link between the component parts.

There are choices to make, affordable energy is the main driver for economic growth. Some aspects of the Energy Transition involve developing technologies which are expensive at present. Yet there is pressure from society to reduce greenhouse gas emissions to minimise climate change.



Early Development
E&P Overview
Reservoir
Wells
Business & Risk
Open Air
Coaching
Master Class

TRACS

E&P Overview Series

The Energy Transition – Key Components continued

Course Content:

Topics discussed:

- CO_2 Emissions - Historic and Forecast
- Climate Change Policy
- Wind Power
- Solar Power
- Energy Storage
- Hydrogen Production
- Carbon Capture and Storage
- Electric Vehicles and Battery supplies
- Goods Vehicles/Rail/Shipping/Air
  - Alternatives to hydrocarbon fuels
- Heating for Domestic/Commercial/Industrial Sectors
- Environmental/Social/Governance Issues

Course Duration:

Duration is 2 days.

Courses available from this series:

E&P Overview
Introduction to Exploration and Production
E&P for Technical Support Staff
Development and Production for Commercial Staff
Prospect and Development Engineering (offshore and land versions)
Field Development Planning
Mature Field Management
The Energy Transition – Key Components

Course Tutor

Alan Burns BSc(Hons), CEng

Main Series tutoring: E&P Overview and Master Class
Industry experience: over 30 years, Engineering in the upstream oil and gas sector in development planning, facilities/project engineering and cost estimating with an international focus.

Career background: Shell, Hess, Lukoil, Amberlink Energy and TRACS
Personal: 15 years in climate change mitigation and adaptation/resilience in upstream, midstream and downstream, representing Hess on the IPIECA Climate Change Committee

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