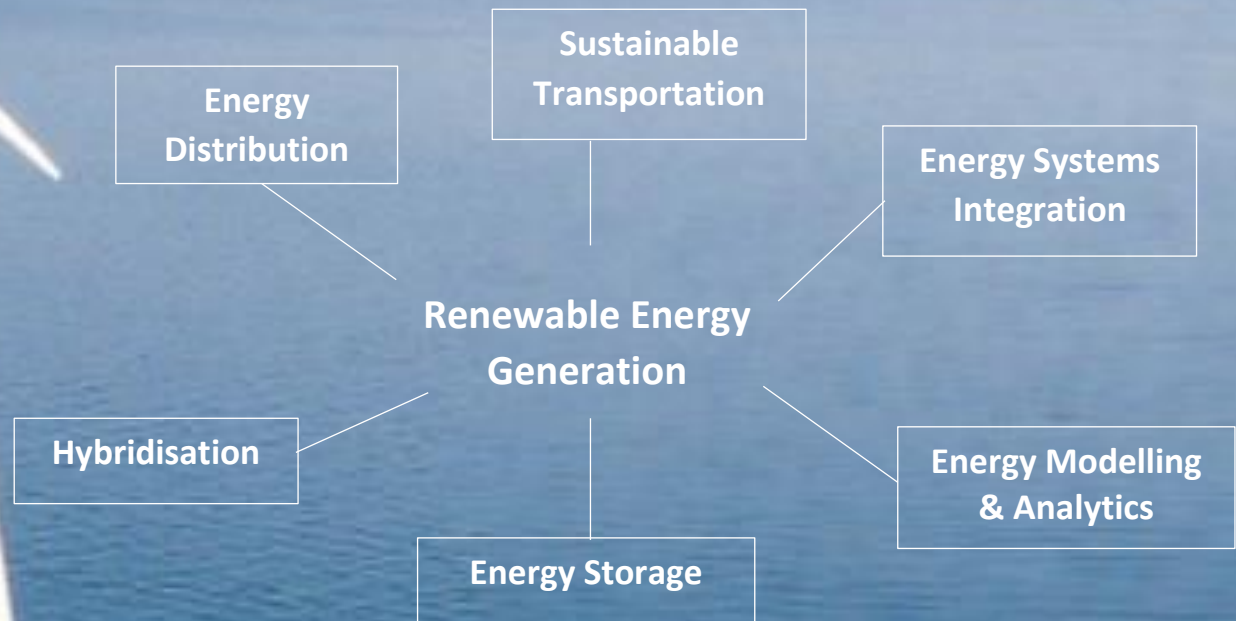


## Two-Day Training

# Sustainable Energy Systems

*Tackling Global Energy & Sustainability challenges*



### Who should attend?

- Energy Consultants
- Senior Executives
- Policy Makers
- Energy Managers
- Energy Analysts
- Compliance Officers

Renewable energy and low carbon technologies are becoming increasingly in demand in recent years due to the environmental and social pressures. The search for zero and low emission energy systems to tackle the climate change challenge is currently at the top of the political agenda. This course is designed for professionals who are willing to develop good understanding of renewable energy technologies, systems integration, and supply chain. It provides a grounding on the sustainability concept in energy. It will also appeal to those who wish to gain a broader, more strategic perspective on the energy landscape and future global energy issues.

## Training Outcome

At the end of this training programme, you will be:

- Able to understand the types of renewable energy sources and power generation technologies
- Aware of Energy Systems Storage and Distribution Scenarios
- Aware of different Energy Systems, applications and integration techniques
- Aware of the modelling tools available for monitoring and managing Energy Systems
- Able to have good understanding of the Energy Roadmap for developing future strategies and policies

## Topics covered include:

- Renewable Energy Sources (Geothermal, tidal, solar, wind, hydrogen power & Fuel Cells)
- Fuel Cells Technology (Proton Exchange Membrane and Solid Oxide Fuel Cells)

Energy Storage Technologies (Lithium Ion batteries, Electrolysis, Redox Flow battery, Flywheel technology)

- Renewable Energy Distribution (Systems and Supply Chain)
- Modelling Energy Systems (Software tools and analytical studies)
- Optimisation of Energy Systems
- Automotive Hybridisation & Electrifications
- Sustainable Infrastructure

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## Registration

Book your place by emailing [info@technispire.co.uk](mailto:info@technispire.co.uk)

**Fees** £10,500 (Two-Day Training)

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