

## Topic Overview

Do you want to know more about Offshore Renewable Energy?

Drawing upon the industrial knowledge gained over the last 50 years in offshore oil and gas; University of Strathclyde and National Subsea Research Initiative have joined together to delivery a foundation level awareness course that provides unique insight to this exciting new sector.

Understanding the technical and business aspects of the offshore renewable energy sector will provide delegates with underpinning knowledge of this growing global sector as we adapt to a Net Zero future.

Delegates who will benefit from this course will range across professionals from designers, developers and contractors as well as government organisations, financial and legal institutions.

## Course Organisation

The course will be delivered by experienced personnel from across the sector and address the commercial and technical lifecycle of offshore renewable energy assets; looking across design, manufacture, installation, power generation operations and ultimately decommissioning.

The course will be delivered virtually, with interactive sessions offering the opportunity for delegates to ask questions and discuss learnings. In particular visual components will be included to enhance delegates appreciation of software models and applications.

The course will be delivered over 2 days, from 25-26 February 2021, with a morning session (9:00 to 12:00) and an afternoon session (13:00 to 16:00).

For additional information, please contact [andrea.coraddu@strath.ac.uk](mailto:andrea.coraddu@strath.ac.uk) / [info@nsri.co.uk](mailto:info@nsri.co.uk)

## Course Organisation

Registration fees - **£650**

## Content Details and Schedule

### 1<sup>st</sup> Day - Thursday 25<sup>th</sup> of February 2021

#### AM – Business Framework

- Background
- Regulatory Frameworks
- Safety and Environment
- Cost and Economics

#### PM – Engineering Principles

- Resources & Locations
- Marine and Environmental Loading
- Structural Analysis

### 2<sup>nd</sup> Day - Friday 26<sup>th</sup> of February 2021

#### AM – Systems in the Offshore Environment

- Design, Manufacture & System Integration
- Load-out and Installation
- Integrity Management, Inspection and Life Extension
- Decommissioning and Re-purposing

#### PM – Technology Application Opportunities

- Big Data
- Data Management
- Challenges and Opportunities
- Further Learning

## Course Leaders



**Prof Feargal Brennan**  
University of Strathclyde



**Dr Andrea Coraddu**  
University of Strathclyde



**Mr Tony Laing**  
National Subsea Research  
Initiative

## Location

Live sessions



zoom