

INTRODUCTION TO RENEWABLE TECHNOLOGIES

Overview

An increasing number of organisations of all sizes and sectors are placing more focus on Energy Awareness and Management. The cost of energy continues to increase and legal drivers directly incentivise organisations to take action. At the same time, the climate continues to warm and customers expect companies to play their part in reducing emissions and make more eco-conscious products and services available.

Who should attend?

This introductory course is for anyone wishing to learn more about the many different renewable energy technologies available in today's market place, how to make alternative energy and also how to benefit from the government incentives underpinning many renewable energy technologies such as the Feed in Tariff and Renewable Heat Incentive.

Note: This course can be tailored to be specific to different sectors, can be delivered in-house or from our range of training venues.



Aims

This course will provide an introduction to Renewable Technologies and provide learners with the information, awareness and knowledge to understand the different types of renewable technologies available in the current market place and their benefits. The training will consist of presentations, practical class exercises and the use of case studies to support theory.

Objectives

Successful learners will be able to:

- Fully understand the meaning of “renewable” technology.
- Outline the key drivers for UK and Worldwide Renewable Energy
- Learn about different types of technology and their benefits
- Learn about Solar Photovoltaic, Air and Ground Source Heat Pumps, Geothermal Energy, Wind and Wave Energy, Solar Thermal, Rainwater Harvesting and Electric Vehicles
- Energy Storage for Solar PV – latest developments
- Grid Connection Issues and Criteria
- Identify how to access Renewable Technologies
- Useful tips when choosing Renewable Energy
- Identify relevant government incentives for Renewable Energy such as Renewable Heat Incentive, Roo-Fit and Feed in Tariff

Assessment: Practical class exercises and activities throughout the course.

Certification: Successful candidates will receive a Professional Certificate of Achievement that is badged by Enviro UK Consultants.

Duration: Half Day

Cost: £99 (bespoke in-house courses are quoted on a case by case basis)

About the tutor:

Sharon Lashley

Sharon Lashley is the Director of Enviro UK Consultants. Sharon is an experienced Project Manager in Renewable Energy and has previously managed and co-ordinated a number of renewable energy projects including Solar Photovoltaic, Ground and Air Source Heat Pumps, Solar Thermal and Rainwater Harvesting. Sharon is also a recognized consultant for the Government Incentives the Renewable Heat Incentive, Roo Fit and the Feed in Tariff. Sharon was recognised as the Energy Efficiency Champion of the Year, for her efforts to tackle fuel poverty through Green Deal, Eco and RHI, in the Regional Energy Efficiency & Retrofit Awards in 2016 and more recently again in 2017. Sharon is a Domestic Energy Assessor accredited to undertake Energy Performance Certificates. Sharon is also a registered Trainer for the Chartered Institution of Waste Management (CIWM) and delivers both Foundation and Advanced level Waste Smart courses. Sharon is also an approved trainer for the Chartered Institute of Environmental Health (CIEH). Sharon is a Practitioner Member of IEMA as well as a member of IEMA's North East Steering Group. Sharon is also the current UK Head of Sustainability for the National Association of Women in Construction (NAWIC).

Sharon works with clients to improve overall sustainability, green credentials and support business growth. Sharon specialises in energy and waste management consultancy and training, renewable energy consultancy, feasibility studies and project management of renewable energy installations. Sharon can also help with the preparation of tenders, commissioning documents and evaluation reports.

DETAILS FOR NEXT COURSE:

- Cost:** £99 per person (includes all materials, lunch and refreshments).
- Discount:** **20% discount for bookings made and paid for two months before the course date,**
10% discount for bookings made and paid for one month before the course date.
- To Book:** Please contact:
Sharon Lashley at: sharon@enviroukconsultants.co.uk or call: +44 (0) 7947 897 426
Or visit website at: <http://www.enviroukconsultants.co.uk/contact-us/>