

## Renewable Energy Awareness Course

### Aim

The aim of this course is to provide an introduction to renewable energy and many of the various micro-renewable energy generation technologies currently available.

### Background

There is an increasing awareness that micro-renewable energy technologies can provide an economic and environmentally friendly alternative to fossil fuels. Initiatives such as Feed In Tariffs (FITs) and the Renewable Heat Incentive (RHI) mean that micro-renewable energy installations can be supported by a guaranteed price for the energy generated.



However, many people are unsure about the details of how the different technologies work, and are seeking a greater understanding of the options. This course gives an overview of many renewable energy technologies that are becoming increasingly used to provide power to homes, small businesses and community buildings. The course will examine and compare the advantages and disadvantages of the different technologies, and consider how appropriate they are for particular applications. The energy and financial returns that could be expected from their installation will be discussed.

### Client Group

Homeowners, self-builders, planners, architects, policy makers, community representatives and others interested in increasing their understanding of renewable energy technology.

### Award

On successful completion candidates gain a BPEC certificate.

### Course Content

The programme gives an overview of the various micro-renewable energy systems with modules including:

- Introduction to renewable energy
- Solar domestic hot water
- Biomass heating systems
- Heat pumps
- Wind power
- Photovoltaics
- Micro-hydro power

### Assessment

Written assessment

### Duration

2 days

### Dates

See website or call 01463 273650

### Price

£180 (No VAT)

### Location

The SEAM Centre, Inverness College, Longman Campus, Inverness

### Booking

Please use a Course Booking Form or call the SEAM Centre on 01463 273650.