

INTRODUCTION TO RENEWABLE ENERGY

Fetac Accredited

LoCall 1890 25 26 47 (Lines Open 9am-9pm Mon-Sun)



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Training Aim:

- Develop knowledge in energy system terminology
- Develop an appreciation of sustainability issues (environmental, construction, social, economic, etc.)
- Develop knowledge and understanding of solar energy source and its characteristics
- Develop knowledge and understanding of wind energy source and its characteristics
- Develop knowledge and understanding of hydro energy source and its characteristics
- Develop knowledge and understanding of biomass energy sources and its characteristics
 - Develop knowledge and understanding of geothermal heating systems and their economics
- Develop knowledge and understanding of energy efficient and sustainable building design and its principles



Learner Entry Requirements:
Level 4 Certificate or equivalent

Training Objectives:

This course has been developed to provide the learner with an overview of renewable energy technologies and covers topics such as the non-technical issues, energy and services requirements, solar radiation, site suitability, micro-hydro systems, biomass, solar thermal systems, building design features, photovoltaics, domestic wind turbines and battery storage.

Outline Syllabus:

- Energy Systems, Services and Terminology
 - Sustainability Issues
- Solar Electric (PV) Energy
- Solar Thermal Energy
- Wind Energy
- Hydro Energy
- Biomass Energy
- Geothermal Heating
- Sustainable and Energy Efficient Building Design

Training Method:

Our comprehensive course materials were specifically designed by matching the course content against the real world experience of lecturers and industry professionals.

Trainer Profile:

At Chevron Training we pride ourselves in employing the best people in the industry to deliver courses to you. By investing heavily in our people we can guarantee student satisfaction. All of our trainers are highly qualified professionals and hold a FAS train the trainer qualification.

Training Facilities:

Classroom, LCD Projector, Laptop PC with Power Point, Screen, Flip Chart

Assessment Method:

All assessment is carried out in accordance with FETAC regulations. Assessment is devised by the internal assessor, with external moderation by FETAC.

Project Based 100%

Certification:

FETAC Level 5 Renewable Energy Systems - Course Code: N22967

Cost: €795 Training Duration: 3 Days, 9am-5pm