

RENEWABLE ENERGY TRAINING PROGRAMME



CARLOW KILKENNY ENERGY AGENCY

AIEA PROJECT SUMMARY 6

Summary

The Carlow Kilkenny Energy Agency, in partnership with the Tipperary Institute and BNS Rural Development Limited, organised a series of renewable energy and energy efficiency training courses aimed at stimulating interest in the development and implementation of renewable energy projects and energy efficiency techniques in Co. Carlow and Co. Kilkenny.

These courses were presented through a series of lectures, workshops and field trips. The programme was designed for people involved in planning and design of public, private and community buildings and anyone interested in developing renewable energy projects and businesses in the region.

Project Classification

END-USER AREA	TARGET AUDIENCE	TECHNICAL
NEW BUILDINGS	X CITIZENS	X ENERGY EFFICIENCY
REFURBISHMENT OF BUILDINGS	HOUSEHOLDS	X HEATING
TRANSPORT AND MOBILITY	PROPERTY OWNERS	COOLING
FINANCIAL INSTRUMENTS	SCHOOLS AND UNIVERSITIES	APPLIANCES
INDUSTRY	X DECISION MAKERS	LIGHTING
LEGAL INITIATIVES	X LOCAL AND REGIONAL AUTHORITIES	X CHP
PLANNING ISSUES	TRANSPORT COMPANIES	X DISTRICT HEATING
SUSTAINABLE COMMUNITIES	UTILITIES	X SOLAR ENERGY
USER BEHAVIOUR	ESCOs	X BIOMASS
X EDUCATION	X ARCHITECTS AND ENGINEERS	X WIND
OTHER	FINANCIAL INSTITUTIONS	X GEOTHERMAL
	OTHER	X HYDRO POWER
		X TRANSPORT

CONTACT DETAILS



Rory McConnon
Agency Manager
Carlow Kilkenny Energy Agency

Castle Hill, Carlow, Ireland

Tel No: +353 59 914 3871

Fax No: +353 59 914 3290

E-mail: info@carlowkilkennyenergy.com

Website : www.carlowkilkennyenergy.com

RENEWABLE ENERGY TRAINING PROGRAMME



CARLOW KILKENNY ENERGY AGENCY

AIEA PROJECT SUMMARY 6

Duration

Three individual training courses have been held each offered on a part-time basis over 30 hours. Each course was delivered on 1 night or afternoon per week (3 hours) over a ten week period plus a series of weekend fieldtrips and workshops.

Process

The first two courses were focussed on Renewable Energy and were aimed at the general public. These courses were delivered as a series of lectures by the Tipperary Institute, while the third programme was delivered by a series of guest speakers and was more focussed on Energy Efficient design and on the implications for planning policy from the adoption of the technologies. The programme was targeted more directly at architects, planners, engineers, drafts people, builders and other professionals of key influence on the planning and design of public, private and community buildings.

The objectives of the Programmes were to provide students with:

- ? The basic skills which will allow them to investigate the development of sustainable energy projects at a small or large scale.
- ? An introductory knowledge to the policy planning and financial aspects of renewable energy projects.
- ? An understanding of the energy use implications of the new 'Part L' of the Building Regulations.
- ? The ability to incorporate passive heating technologies, such as insulation, heat recovery, ventilation and other building fabric energy issues.
- ? The ability to incorporate renewable energies in building design and planning, including geothermal, solar, biomass, biogas, hydropower and other active renewable energy technologies.

Financial resources and partners

Organisation		Country
Carlow Kilkenny Energy Agency	CKEA	Ireland
BNS Rural Development	BNSRD	Ireland
Tipperary Institute	TI	Ireland

Impact

Up to 100 people attended the courses from Co. Carlow and Co. Kilkenny and further afield. The participants included architects, engineers, planners, drafts people, building developers and other professionals in both the public sector and private practice with an influence on the design of buildings of all sorts as well as farmers, entrepreneurs and people with a general interest in sustainable energy.

Feedback from the courses proved very positive throughout the Programme. The general consensus has been that the courses have equipped the participants with a deep understanding of development of the sustainable energy sector and has encouraged them to include or give serious consideration to the inclusion of renewable energy technologies and energy efficient/management systems in the design and approval of buildings.

The courses have also encouraged a number of entrepreneurs to develop renewable energy projects and businesses which are now under development or operational in the region.