



Delap and Waller EcoCo
Integrated Sustainable Design Consultants

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130 m² drainback solar water heater at Kilkenny Leisure Centre

One-day Training Workshops on Planning and Designing Efficient & Reliable Solar Heating Systems

Two dates:

Friday 26th June, Lifetime Lab, Cork

Friday 10th July, Royal Marine Hotel, Dun Laoghaire

Objective of the workshops

The objective of these one-day workshops is to provide you with the knowledge and practical know-how required to plan and design a solar heating system for residential and commercial/public buildings.

Learning outcomes

By the end of the day, you should have the knowledge base to:

- ✓ Understand the solar thermal market in Ireland, its main drivers and the business opportunities it offers;
- ✓ Recognise the main characteristics of solar energy (daily & monthly profiles, diffuse & direct radiation, sun path diagram, shading);
- ✓ Identify typical solar thermal applications (domestic hot water, space heating and pool heating) and associated system layouts;
- ✓ Know the major components of a system and how to specify them for durability and efficiency;
- ✓ Assess a site for a solar heating project in terms of hot water requirements and practical aspects of installation of solar collectors, cylinders, etc.
- ✓ Size a solar thermal system for cost-effectiveness and assess the main parameters affecting its efficiency;
- ✓ Estimate the expected thermal output from a solar heating system and conduct a simple lifecycle cost analysis of the project;



Delap & Waller EcoCo Limited: Integrated Sustainable Design Consultants
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Registered in Dublin No. 398740





- ✓ Be familiar with financial incentives & funding sources;
- ✓ Plan the installation and commissioning process, while being aware of regulatory framework as well as health and safety issues;
- ✓ Be aware of the latest innovations and exciting technologies in the field of solar thermal.

The learning experience

The workshops are designed to be practical, dynamic and interactive. They involve presentations, simple practical exercises and group discussion. Places are limited to 20 to enable focused workgroups. Where possible, a study tour to an exemplary solar thermal system will be organised.

The workshops are led by Xavier Dubuisson, Senior Sustainable Design Consultant at DW EcoCo Ltd. Xavier is one of Ireland’s leading renewable energy consultants with over 12 years experience in this area and an outstanding track-record as a lecturer and trainer. The workshops are approved for CPD by Engineers Ireland.

Programme & registration

The workshops start at 09.30 am and end at 04.00 pm. Tea and coffee will be provided on arrival and at lunch. Delegates will have to cover their own lunch, with a wide selection of food available at the course venue.

Course fee: €195 per participant. DW EcoCo can only reserve places on receipt of full payment of the fee. Payment by cheque in advance only (no payments accepted on the day of the course). DW EcoCo regrets that it cannot refund registration fees due to a cancellation.

For further information, please contact us by email at training@dwme.ie or by phone 021/4966757

Registration Form – Solar Thermal Training Workshops

Please book ____ places @ €195 per participant for (☒): 26 June, Cork; 10 July, Dublin

I enclose a cheque for € _____ made payable to Delap & Waller EcoCo Ltd.

Names of participant(s): _____

Company/Organisation _____

Address: _____

Email: _____ Phone number: _____

Please return by post as soon as you can to secure your place at the course of your choice

POST: Xavier Dubuisson, DW EcoCo Ltd, 1st Floor, Lawley House, Monahan Road, Cork.