



One Day Training Workshop for the FREE Sustainable Energy Feasibility Tool; RETScreen

An opportunity to...

- Benefit from introductory training in the use of a free established tool for assessing the economic feasibility and CO2 reduction impact of a wide range of sustainable energy projects, both energy efficiency and renewable energy.
- Improve your ability to make efficient, quick quantitative decisions about sustainable energy project options
- Of particular interest to renewable energy projects that may benefit from the new UK Feed In Tariffs (FiTs)
- Save time and money at the early stages of your sustainable energy decision process
- Learn of the full scope of RETScreen - a free software decision aid tool used by nearly 250,000 worldwide

What is RETScreen?

It is a free highly sophisticated spreadsheet based software tool that is capable of evaluating the technical, financial and environmental impact of a wide range of sustainable energy technologies, both individually and in combination. It has been developed and used for feasibility assessments on a vast number of real projects for over 10 years. Many hundreds of man years of effort have gone into its development – and its continued development. RETScreen's partner organisations include NASA, the World Bank, United Nations Environment Programme's (UNEP), Renewable Energy & Energy Efficiency Partnership ([REEEP](#)), The Energy + Environment Foundation ([EEF](#)), [Leonardo](#) ENERGY Initiative. Explore RETScreen further and download it here <http://www.retscreen.net/ang/home.php> .

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It users number at least 250,000 world wide, made possible through its translation into 35 languages, making it well suited to multi national projects as well as single country projects.

One of its key features is the ability to reveal the potential feasibility of a sustainable energy project very quickly. A project that normally takes many days to evaluate can be assessed in a few hours. That means many options can be evaluated reducing the risk of tunnel thinking when designing the energy system for your project.

Having completed feasibility assessments using RETScreen, you are then able to conduct or commission more detailed design studies with greater confidence leading to your project's

implementation and operation. This would be done by specialists using a range of detailed energy system design tools readily available in the market.

You will gain hands-on experience using RETScreen through a combination of presentation and working through specific cases.

Who should attend?

- **Anyone delivering, commissioning or assessing sustainable energy projects including**
 - Building Owners
 - Energy Unit staff
 - Architects
 - Building Managers
 - Estate Managers
 - Energy & Environment entrepreneurs

- **Those Approving Sustainable Energy Projects**
 - Financial investors
 - Chief Financial Officers
 - Planners
 - Building Control Officers
 - Development Control Officers
 - Conservation Officers
 - Building Control Officers
 - Strategic Development Officers
 - Sustainability & Regeneration Officers

- **Those Delivering Sustainable Energy Projects**
 - Project managers
 - Energy Services Companies
 - Building developers
 - Energy managers

Workshop topics include

- An introduction to RETScreen and its capabilities
- energy efficiency examples - quantify the financial and environmental benefits of investment in reducing energy demand
- energy production examples - show how quickly various options for low carbon energy can be evaluated; the extensive technology range covers everything from combined heat and power through to micro hydro

By the end of the workshop

You will have:

- begun the process of gaining skills in assessing and planning sustainable energy projects through examining real life case studies
- gained confidence in your ability to make quantified decision making for sustainable energy options
- discover a means of communicating effectively about energy projects with a range of your project stakeholders - from planners to investors

Delegates pre-requisites

- Familiarity with some of the sustainable energy technologies - and a desire to know something of the rest.
- A current or future role in delivering, assessing or commissioning sustainable energy projects
- A basic understanding of spreadsheets
- A need to quantify sustainable energy options to allow sound decision making

Fees

£200 per delegate (VAT not charged) – payment details to be provided.

Discounts for multiple delegates and earning status – available on request.

Venue: I City Learning Centre, Orchard School site, Filton Road, Horfield, Bristol BS7 0XY

Date: 8th June 2010

Times: 09:00 to 16:00

Refreshments provided.

For more information and to register

e-mail the workshop tutor, Richard Hellen (richard@hermesenergy-services.com)

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