

# *Courses in* Continuing Professional Development



## CPD COURSE OVERVIEW

T1103 - STATE OF THE ART SMALL & MEDIUM SIZED HYDRO GENERATORS

This course covers an overview of the current State Of The Art for small and medium sized hydro generators. Each generic type is examined and the features, benefits and limitations considered. There are several worked examples and case studies. The course will be of particular interest to Local Authorities, SME's and Business Link Environmental Programmes, and Energy Service Professionals.

- Principals of Operation of Hydro Electric Systems
- Comparisons of Different Designs
- Hydro Electric Systems Market Overview
- Choosing a Good Site
- Case Studies and Paybacks with the 2010 Feed in Tariff
- Planning Constraints

*Copies of slides and supporting material are provided along with a certificate.*

## THIS CPD COURSE IS DESIGNED FOR:

- Members of professional bodies including: RIBA, RICS, IET, ICES, APM, CIOB, IMechE
- Construction Industry, Architects, and Developers
- Sustainable Agriculture Programmes
- **Local Authorities, Planning professionals, and Wider Public Sector**
- **Energy Agencies and Energy Service Professionals**
- **SME's and Larger Private Organisations**
- **Business Link Environmental and Diagnostics Programmes**
- Anybody tasked with reducing the carbon footprint of their organisation
- Professionals Wanting to Change Career Direction and Green their CV
- Colleges of Further Education, Schools and Universities and Students
- Transition Town Organisations

## RECOMMENDATIONS:

"An excellent awareness review that was both motivational and extremely well informed. Mike Pitcher has a wealth of practicable industry and cutting edge knowledge of the subject which he puts over well." Mr Peter Askew Managing Director Michael Thorne Construction Ltd

"BFC's Mike Pitcher gave a presentation to the Rotary Club of Taunton Vale. It was a fascinating and thought provoking insight in to the challenges of creating a successful low carbon economy. It is clear that BFC can help with a range of possible solutions making use of today's technology to achieve a step change in resource efficiency and introduce other energy conservation measures" Mr David Taylor Taunton Vale Rotary Club

"BFC Solutions MD, Mike Pitcher has provided professional CPD services to the Mill Meadow Eco Project, with a high level of expert knowledge on the subject of sustainability and resource efficiency in the carbon neutral construction and green tourism sector" Mr Chris Heayns MD Mill Meadow Ltd

## OTHER COURSES AVAILABLE:

The following training courses are available:

- T1001, An Introduction to Energy Technologies in a Low Carbon Economy
- T1002, Sustainable Low Carbon Buildings in a Low Carbon Economy
- T1003, State of the Art Residential and Commercial BIPV Applications
- T1004, New Energy Technologies – An Insider's View of Best Practise
- T1005, Co-Generation, Hybrid Power Systems and Smart Grids in Northern Europe
- T1006, Low Carbon ESCo's and Private Wire Systems in Urban Environments
- T1007, State of the Art Heat Pump Applications in Low Carbon Buildings
- T1008, Energy Service Profiling - A Methodology for Low Carbon Energy
- T1009, Carbon Foot Printing – A Methodology for Accurate Benchmarking
- T1010, Solar PV Signature Exemplars from Around the World
- T1011, Exemplar Large Scale Carbon Neutral Urban Developments
- T1101, Funding RE Projects with Grants, Loans, and Feed-in Tariffs
- T1102, State of the Art Small & Medium Sized Wind Turbines
- **T1103, State of the Art Small & Medium Sized Hydro Generators**
- T1104, Renewables and the Code for Sustainable Homes, BREEAM, Merton Rule
- T1105, Carbon Trading, Climate Change Levy, The Carbon Reduction Commitment

To find out more about training course content, to discuss specific requirements or book a course please contact : BFC Solutions Limited +44 (0) 1823 451 378, [bfc-solutions@btinternet.com](mailto:bfc-solutions@btinternet.com) or RS Renewables Limited +44 (0) 7900 488 936, [training@rsrenewable.com](mailto:training@rsrenewable.com)  
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