

THE PRACTICAL REALITIES OF MICROWIND POWER

CURRENT KNOWLEDGE AND ONGOING TRIALS



An opportunity for developers, local authorities, planners and installers to see urban wind in practice, talk to the experts and get an objective view on where it works and where it doesn't

11 December 2007 9.30am – 3.30pm

Hill Close Gardens, Warwick

Including bus tour to 10 local installations

Visit and compare flat roof, gable end and pole mounted installations

Talk to customers and installers

Get the neighbours' perspective

Review initial data from 23 UK sites

Meet the people behind the Warwick Wind Trials

This event is the most comprehensive briefing on urban microwind in the UK to date

The best facts from the field available so far

If you've considered buying a microwind turbine, thought about selling them, or are concerned about others installing them, this is the event to attend.

By attending, you will learn and see:

How much energy has been generated on diverse sites

How much noise different systems make

How the public reacts

How well the planning system copes

What is involved in installing and running the systems

The variety of systems and models on offer in the UK

See the full programme overleaf

To register

To register email: booking@encraft.co.uk or tel: 01926 312159, giving your name, job title, company name and contact details

This event costs £125 + VAT per person (£146.88) including lunch, tour and refreshments. West Midlands based SMEs qualify for a reduced rate of £65 + VAT (£76.38). Numbers are limited by the size of venue, so please book early to avoid disappointment.



More information at www.warwickwindtrials.org.uk

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Programme for the day

0930 *Arrival and refreshments*

Getting at the facts

1000 *Introduction – The Warwick Wind Trials. Taking the customer perspective.*

Matthew Rhodes, Managing Director, Encraft

1030 *The trials in context: current UK research*

Dr Simon Watson. Acting Director, Centre for Renewable Energy Systems Technology, Loughborough University

Developing a responsible industry

1100 *Emerging national standards for urban wind*

David Sharman, Managing Director, Ampair and Chair of BWEA technical sub-group for small wind

The reality

1115 *Break*

Tour of Hill Close installation

1145 *Warwick Wind Trial results to date (all 23 sites)*

David Hailes, Project Engineer, Encraft

1230 *The local authority perspective*

Tony White, Principal Building Surveyor, Warwick District Council

1300 *Buffet lunch*

Urban diversity

1400 *Coach tour to 9 other local trial sites*

These sites are all instrumented Ampair 600 systems on sites which range from good to poor. The trial includes 14 Ampair, 4 Windsave, 3 AirDolphin, 1 Eclectic and 1 Swift system.

- *metal framed building*

- *domestic gable end*

- *nursing home*

- *social housing apartments*

1530 *Return to Hill Close Gardens*



Background on the Warwick Wind Trials Project

The Warwick Wind Trials Project began in May 2006 with the aim of providing potential customers for microwind with impartial information on performance on diverse sites. Micro wind clearly has mass market appeal and potential to contribute to tackling climate change, but wind turbine performance is difficult to predict consistently in any context. The more data openly available, the more chance that individuals and organisations can make informed purchasing decisions and the market can grow robustly. From an initial intent to monitor 10 sites, the trial has grown to cover 23 sites and five different manufacturers.

The venue

Hill Close Gardens are located on the outskirts of Warwick, next to the racecourse and close to junction 15 of the M40. The restored Victorian pleasure gardens are a popular venue for seminars and workshops, which take place in the state of the art sustainable resource centre opened in 2007 and equipped with ground source heating, a green roof and controlled ventilation.

There is ample car parking on site and the gardens are 15 minutes walk from Warwick station.

Location map at: www.hillclosegardens.com/visit.html



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