



Demand for Wind

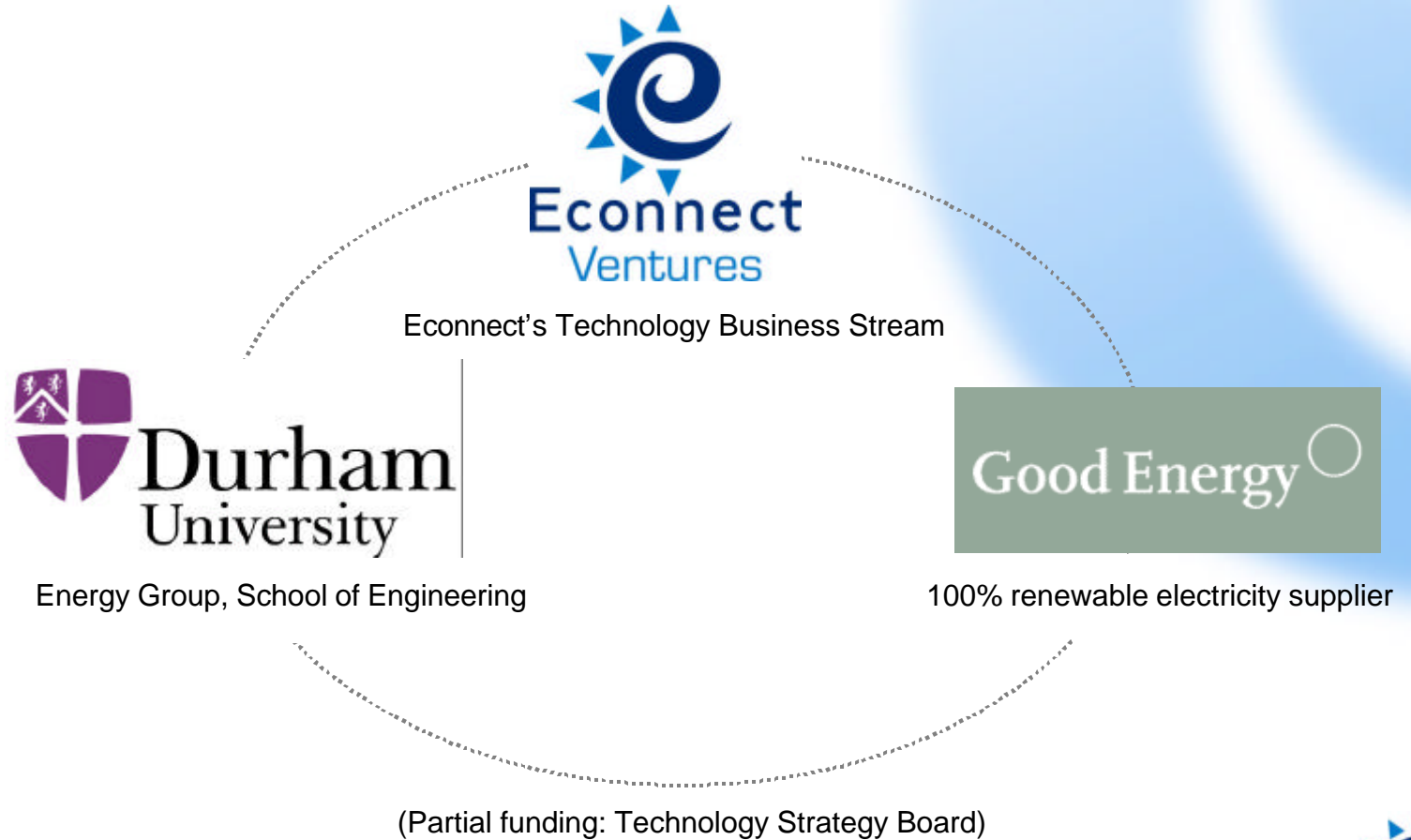
Maximising the Value of Wind Energy

Harald G Svendsen

Outline

- The project
- The Demand for Wind system
- Trials
- Getting involved

3 Project partners

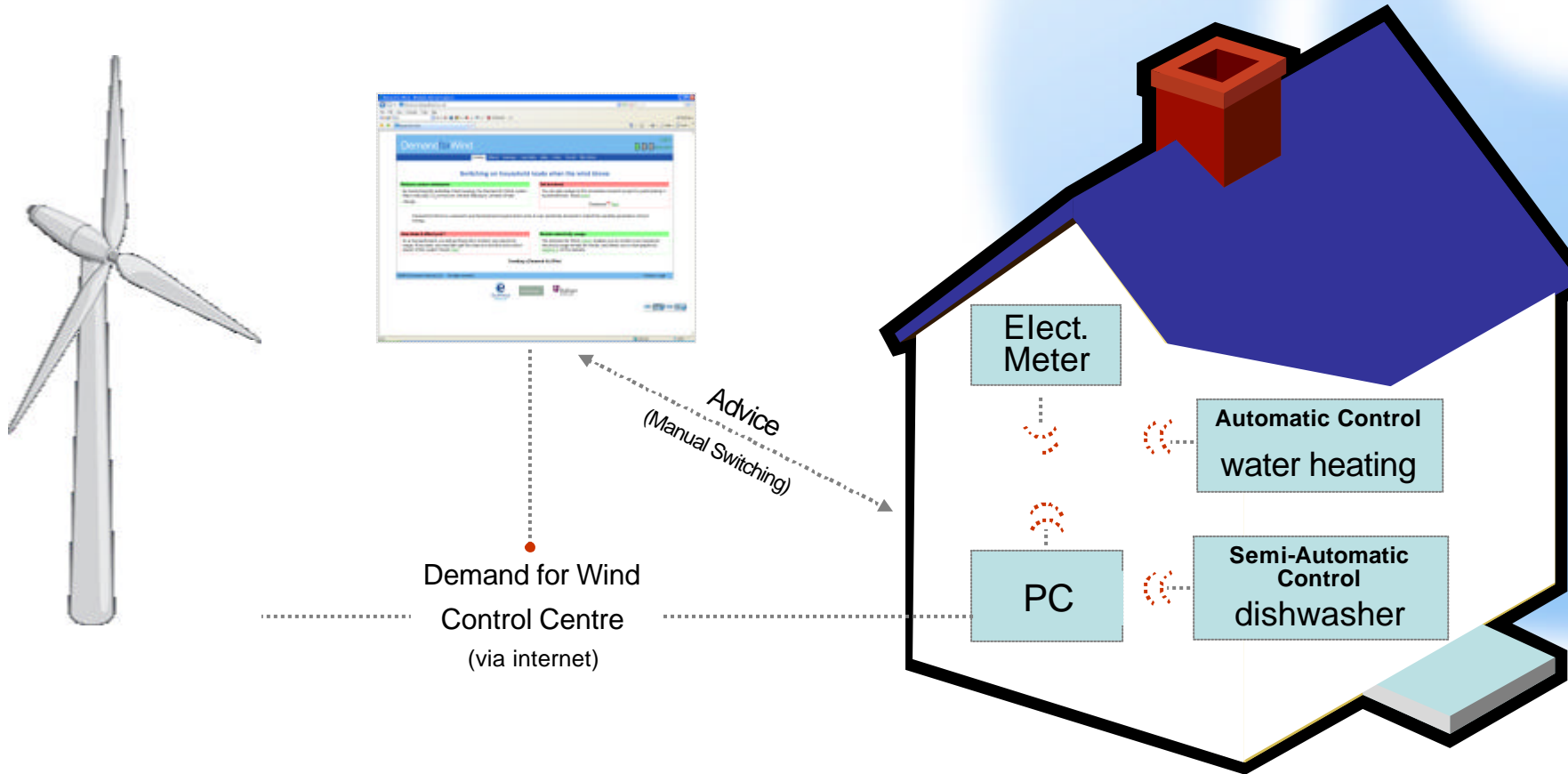


The Basic Idea

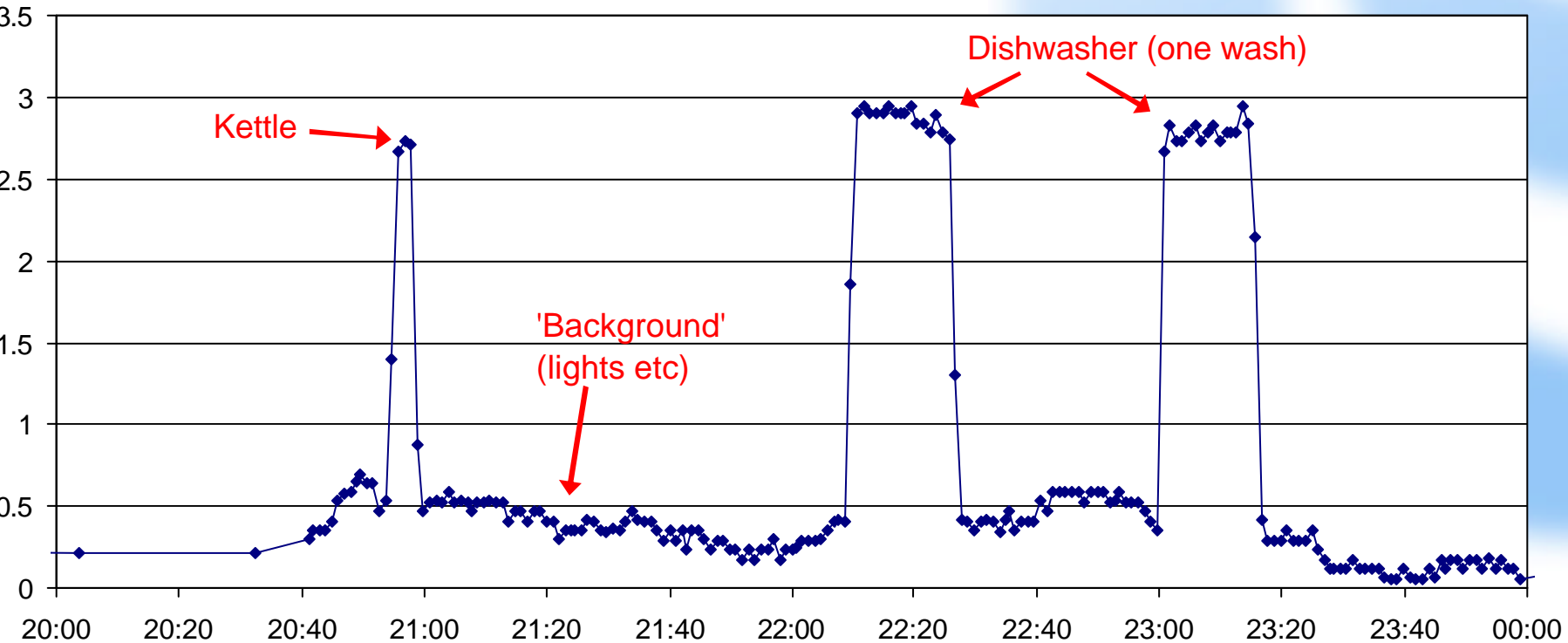
Changing Demand

(Turn on domestic loads when the wind blows)

Communications



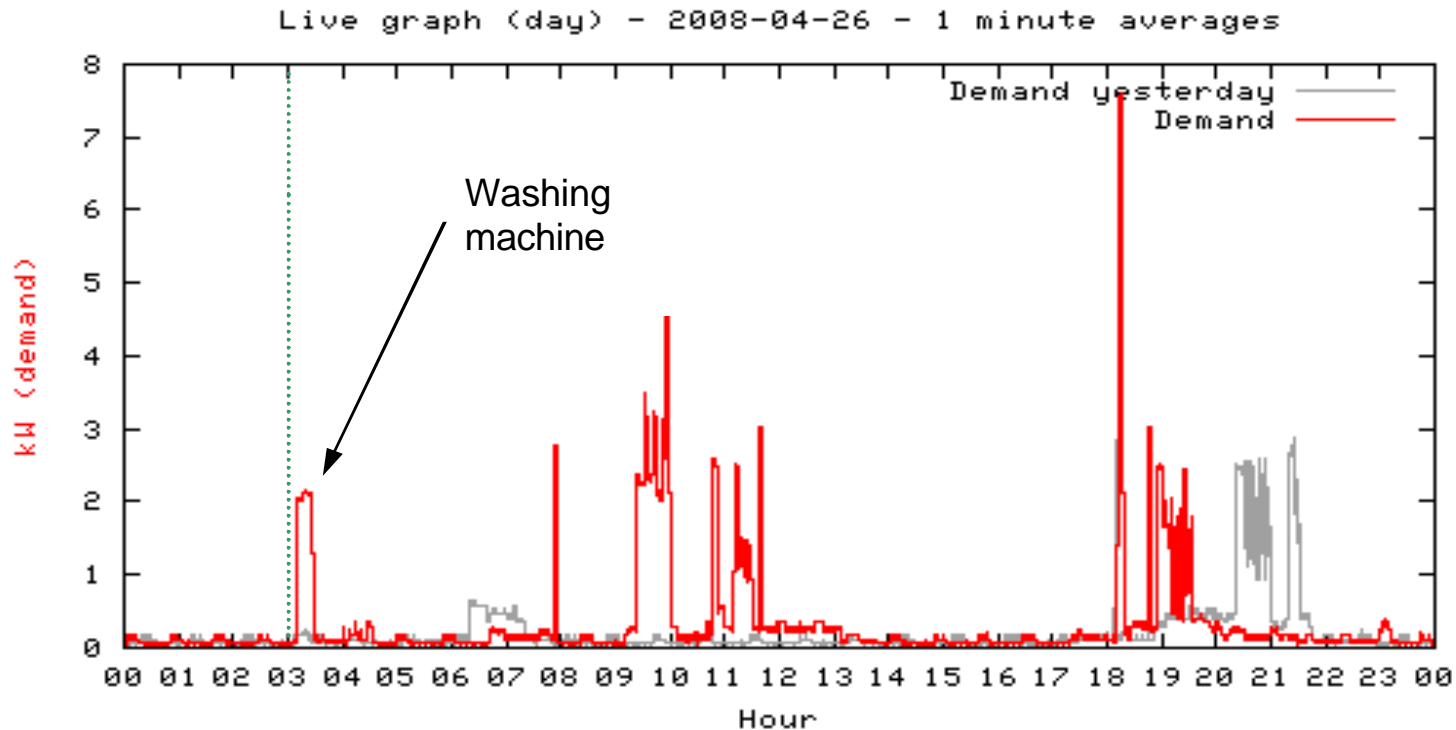
Monitoring



Econnect

Enerising Renewal

Semi-automatic load control

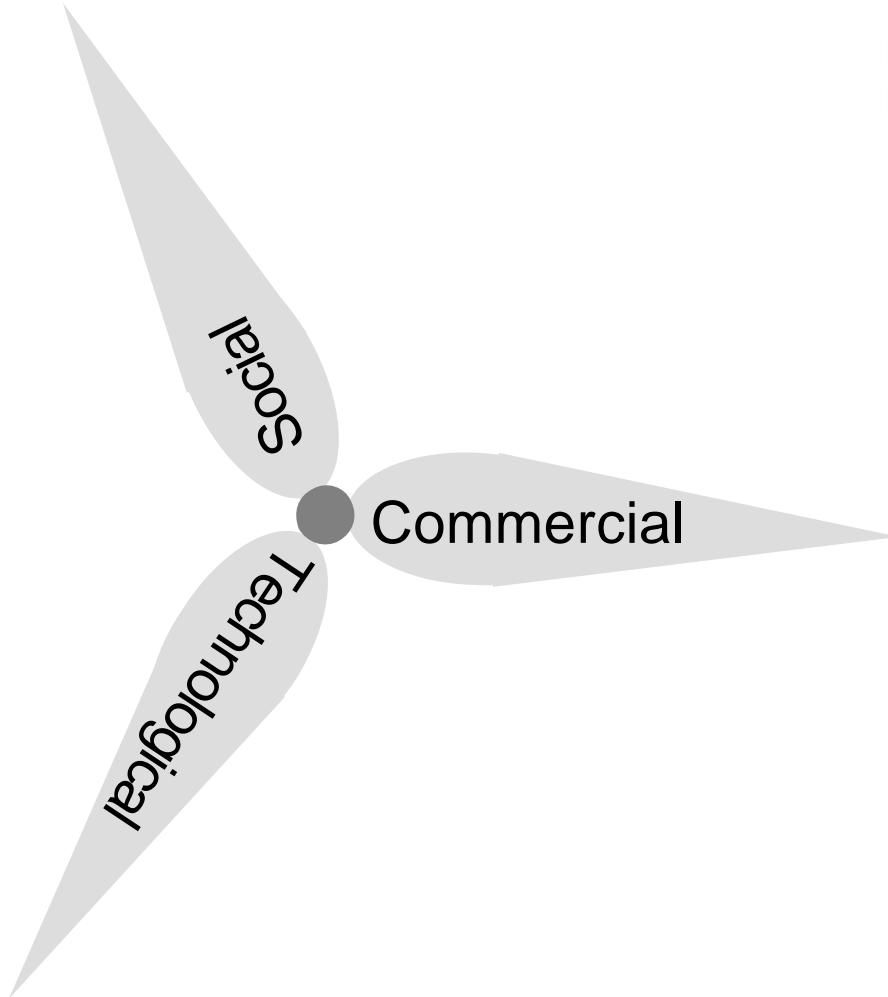


- Semi-automatic load set at 8pm to start 10am at the latest
- Excess wind at 3am → signal to start washing machine

Network Benefits

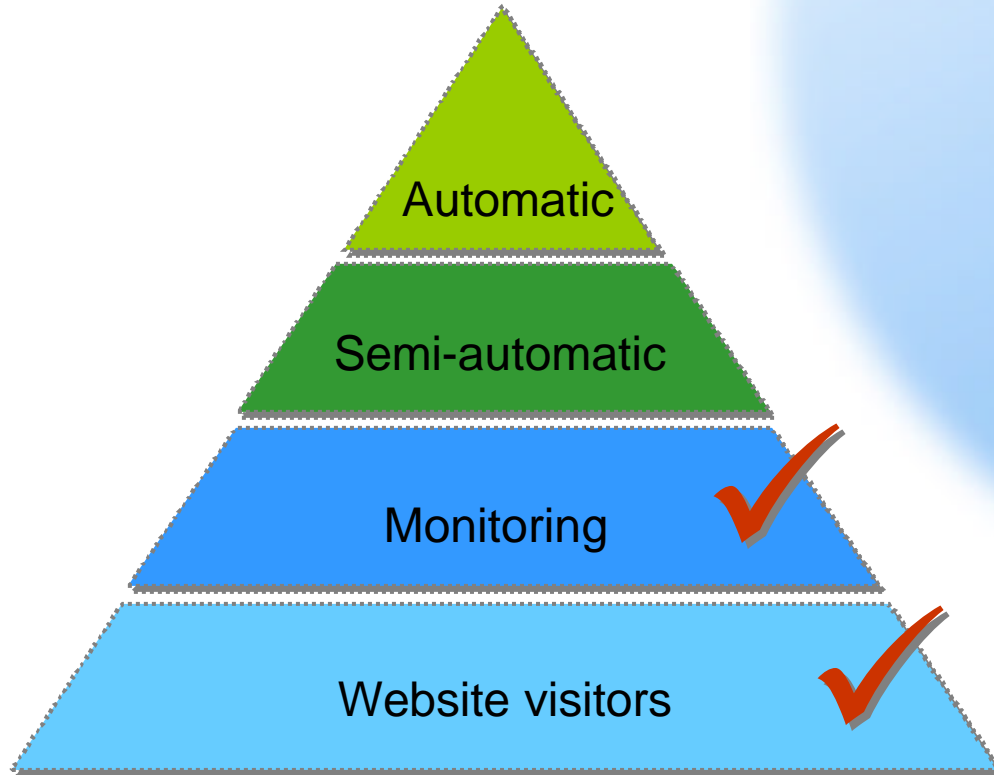
- Reduce constraints
- Reduce curtailment
- Minimise export
- Minimise wastage

CoST Considerations



- ~~Cost effective~~
- ~~Stricter~~ regulations
- ~~Proving concept~~

Household trials



Getting involved



Sign up as a
volunteer:

<http://demandforwind.co.uk>

Summary

- Smart networks
- Constraint & curtailment
- Individual retains control
- Monitor
- Load control

Contact Details

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