

Small Scale Wind - An Industry View

All-Energy Aberdeen
25th May 2005

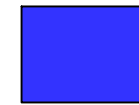
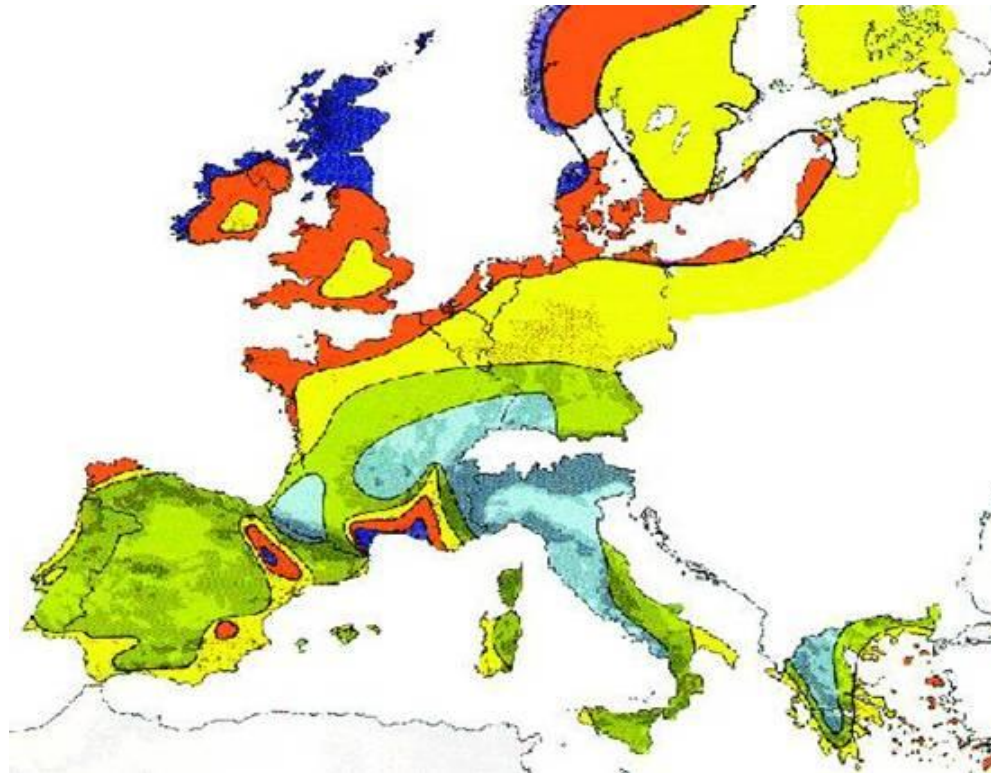
Mari Martiskainen
Programme Officer
British Wind Energy Association

British Wind Energy Association

**BWEA is the association representing
the UK wind and marine renewables industry**

- 320+ Corporate Members
- All sectors of the industry
- Government ↔ Industry interface
- Lobbying (Energy and Planning policy)
- Coordination with other trade associations
- Best practice
- Information source

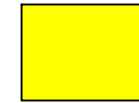
40% of European wind resource



>9m/s



8-9m/s



>7-8m/s



>5.5-7m/s

Why small scale wind?

Climate Change – CO₂ reduction
Security of supply – price and physical
New industries
Cheap electricity
Embedded generation
Diversity of supply

not forgetting
International, European and national obligations

UK Support

- **Clear Skies and SCHRI**
- **Renewables Obligation - ROCs**
- **Climate Change Levy - LECs**
- **Planning Policy - PPS22 and NPPG6**
- **Microgeneration Strategy**

But we are missing

- **Technical standards – Health & Safety**
- **Planning guidance**
- **Long term financial support – grants, energy services**
- **Clear targets**
- **Public awareness**

Stand-alone Systems



Building mounted turbines

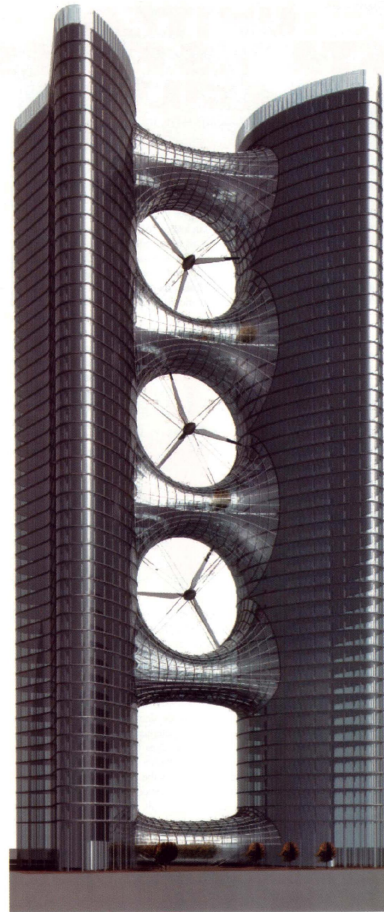
- Bow residential, London
- Thames Valley University
- Berwickshire Housing Association

Coming up ...

- Greenpeace Headquarters, London
- Southwark, London
- BWEA Headquarters



The new skyscraper?



Summary

- Small scale wind has large potential
- Several support mechanisms either in place or in the pipeline
- Barriers remain
- Innovative thinking and co-operation