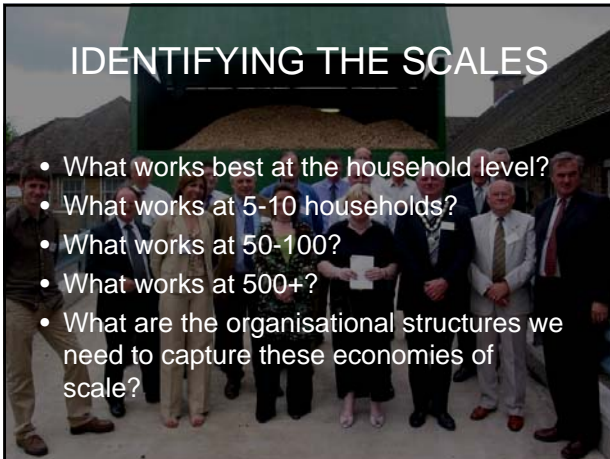
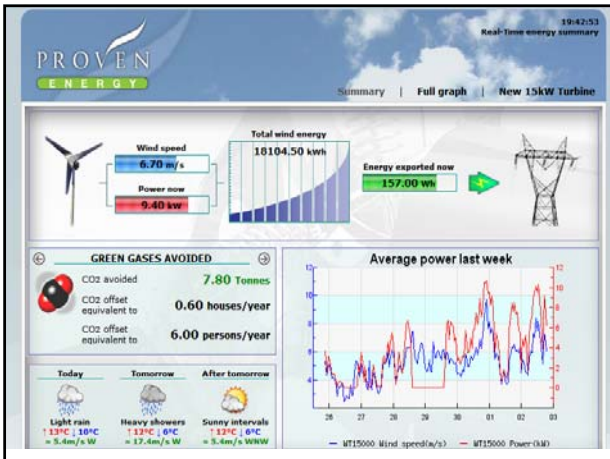
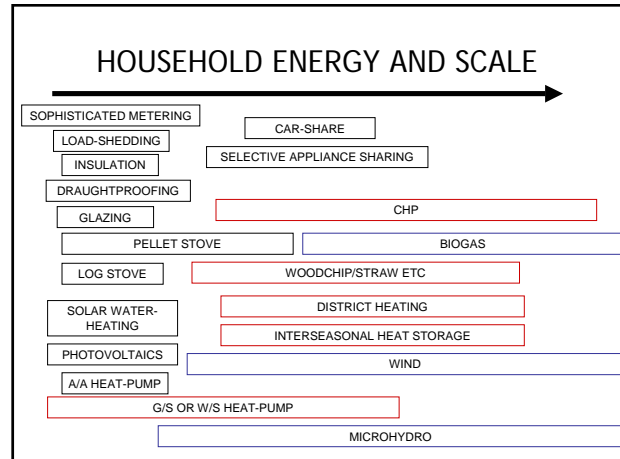


IDENTIFYING THE SCALES

- What works best at the household level?
- What works at 5-10 households?
- What works at 50-100?
- What works at 500+?
- What are the organisational structures we need to capture these economies of scale?

‘SLOW ENERGY’ FROM LOCAL FARMS?

AN ASPECT OF COMMUNITY-SUPPORTED AGRICULTURE

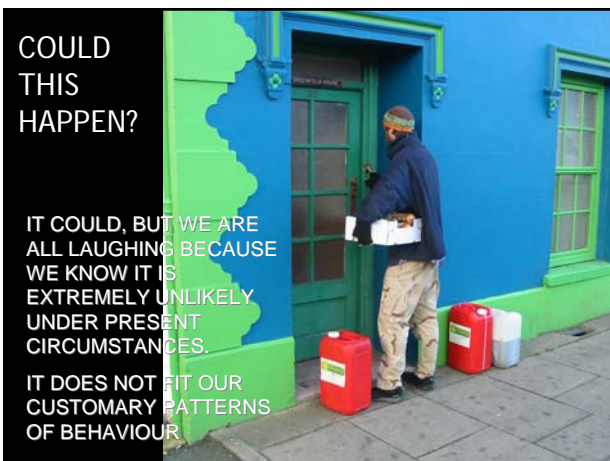
- Increasing reasons for reducing lengths of transport legs
- Personal relationships between farmers and their energy clients?
- Farmers could produce their own added-value products, some for their own use, some for sale
- Liquid transport fuels
- Biomass
- Waste processing and biogas production



COULD THIS HAPPEN?

IT COULD, BUT WE ARE ALL LAUGHING BECAUSE WE KNOW IT IS EXTREMELY UNLIKELY UNDER PRESENT CIRCUMSTANCES.

IT DOES NOT FIT OUR CUSTOMARY PATTERNS OF BEHAVIOUR



GENERALLY, THE MOST SUCCESSFUL ‘COMMUNITY ENERGY’ PROJECTS HAVE BEEN WIND DEVELOPMENTS

- Often initiated by private developers, or in partnership with them
- There can be community involvement any appropriate stage or function
 - Social enterprises of one kind or another, are common
- Success can often be attributed to key individuals
- The project does not simply meet its own needs but exports energy
- If you prefer, you can just sit back and be a capitalist investor



Returns to Members of Baywind

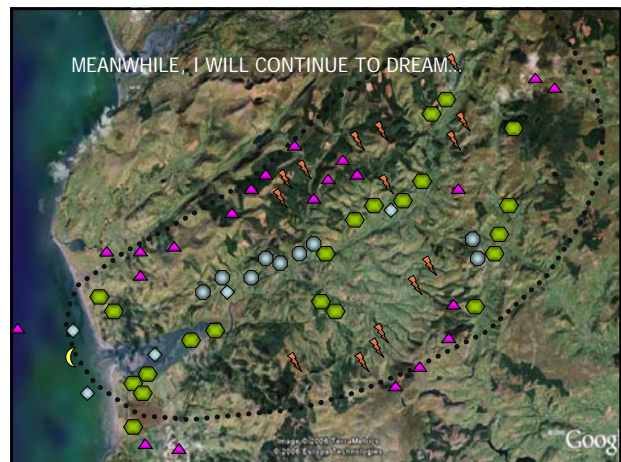
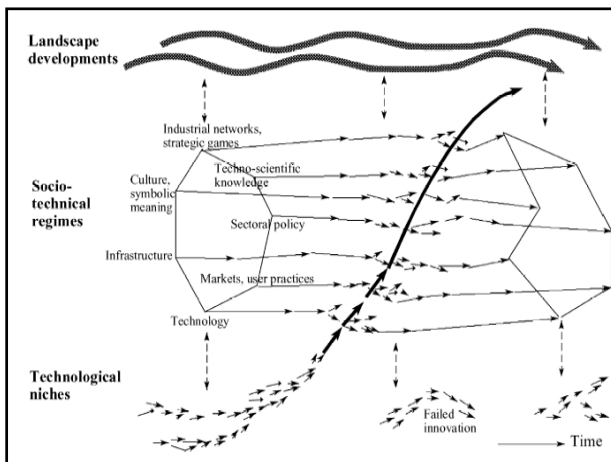
Year 1: (to 31/12/1997) Nil
 Year 2: (to 31/12/1998) 6.2% gross (7.8% gross for EIS investor)
 Year 3: (to 31/02/1999) 6.6% gross (8.2% gross for EIS investor)
 Year 4: (to 31/12/2000) 6.4% gross (7.9% gross for EIS investor)
 Year 5: (to 31/12/2001) 5.6% gross (7.1% gross for EIS investor)
 Year 6: (to 31/12/2002) 6.1% gross (7.6% gross for EIS investor)
 Year 7: (to 31/12/2003) * 3.8% gross (4.8% gross for EIS investor)
 Year 8: (to 31/12/2004) 6.3% gross (7.8% gross for EIS investor)
 Year 9: (to 31/12/2005) 7.22% gross (9.03% gross for EIS investor)
 Year 10: (to 31/12/2006) 6.65% gross (8.31% gross for EIS investor)
 * First full year of Energy4All

SUBSIDIES AND FUNDING

From Gordon Walker's study of community energy

	Programme/Network	Funding Source	Managed By
Government led	Community Renewables Initiative Clear Skies	DTI DTI	Countryside Agency Building Research Establishment
	Scottish Community and Households Renewables Initiative Community Action for Energy (CAFE) Community Energy [EST PV programme/innovation]	Scottish Executive DEFRA & Others DEFRA & Others DTI	EST, Highlands and Islands Enterprise EST/Centre for Sust Energy EST/Carbon Trust EST]
NGO/ Charity led	Energy 4 All Renewable Energy Investment Club Solar Clubs Ashden Awards Energy 21 Network	Baywind/Coop/Coop Soc Countryside Council for Wales/EU Various charity Ashden Trust Various	Baywind Dulas Environ/CSE Ashden Trust Energy 21
Private Sector	Community Power	Powergen	Powergen

NEXT: THE 20% TARIFF



- 'Lock-ins' are often social
- This both helps and harms 'community' initiatives

- Why can't a group of friends/householders put their money in the pot and just do it?
- Often they don't have a lot of money!
- But say £1000 each from 100 households, = £100,000.
- That buys you a 100kW second-hand machine, connected etc. Capacity 20%
- Payback is 10+years

