

# ***BEC and research update April - October 2009***

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# Overview of progress made

- Enquiries service
- Website development
- Publications
- Raising awareness
- Representation
- Research 2009/10
- Research 2010/11

# Enquiry service

- 700 enquiries in April - October
- Most around woodfuel (including energy crops and waste wood)
- Split roughly even between log, chip and pellet applications
- FAQ include - district heating, CHP, waste wood & cardboard, capital grants, case studies, GHG balances (including transport), market size, current usage

# Website development

- 50,000 page hits each month
- 2400 hits on suppliers pages in September
- More information on Önorm
- New case study section
- Page on log stove, boilers published, similar pages on chip and pellet systems in progress
- Adding to 'facts and figures' pages
- Tell us what you would like to see

# Publications

- ‘Wood as fuel’ updated. Aims to provide very basic information to potential users - available to rebadge by others
- ‘Design guides’ covering feasibility studies, batch fed systems and automatically fed systems in production.
- Boiler ‘FAQ’ sheet published.
- Info sheets on pellets and briquettes, domestic heating, CHP and others updated in September

# Raising awareness

- All Energy Aberdeen, Royal Welsh, Royal, CLA Gamefair, Gloucester Cathedral, Weald Wood Fair, S.W. Woodland Show, New Forest Show, Carbon Show, Self Build Show, Flimwell + others
- Provide information to press (Guardian, Big Issue, BBC)

# Representation

- Discussing ash disposal with EA, starting with 'clean' wood ash spread on land
- Drafting guidance on explosion risk in fuel stores, working with HSE, Chilworth Technology
- Contributing to sustainability criteria and fuel standards negotiations (via FC)
- Fuels suppliers database

# Research 2009/10

- Woodfuel Production from thinnings
- Small chipper standards review
- Calorific value of brash bales
- Fuel production from small diameter stems
- Woodfuel production in pine thinnings
- Resource evaluation (Woolhope dome)
- Economics work - ongoing
- Perceptions of woodfuel amongst public and woodland owners
- Emission from biomass systems - literature review



# Research 2010/11

- RHI and sustainability criteria - guidance on woodfuel production to include regeneration, deer, soil. Scoping next year, data collection in 2011/12, published in 2013.
- Review of shear and accumulator harvesting heads
- Evaluation of log processing kit (case studies at different scales)
- CEN standards - 'what you need to know' guidance
- Energy balance/fuel consumption work
- Refine resource evaluation protocols
- Continue with social/economic studies
- Let us know what information you need!

# Thank you

Biomass Energy Centre

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