

Mid & SW
Wales
Energy
Advice
Centre

INFORSE-Europe
Seminar
Sept. 30 - Oct. 4,
2003
CAT, Wales

Energy Efficiency in the Home – Stimulating Action

Becci Johnson

Mid & SW Wales Energy Efficiency Advice Centre

INFORSE - Europe Seminar,
September 30-October 4, 2003
CAT, Wales, UK

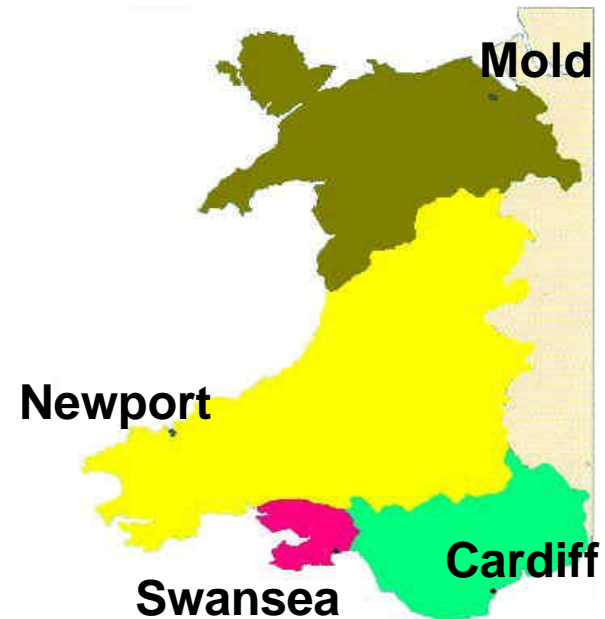


Introduction to Energy Advice Centres

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- EEAC's established in 1993 by the Energy Saving Trust in response to the Rio Earth Summit.
- 52 centres now provide national coverage.
- EEAC's provide a householders with access to free, impartial, energy efficiency advice.



Aims of Advice Centre network

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To provide householders with free impartial advice and information in order to stimulate the uptake of measures.

In order to:

- Combat climate Change
- Alleviate Fuel Poverty
- Improve Health



Combating Climate Change through energy Efficiency

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Domestic sector is responsible for 29% of UK CO2 emissions.

Average UK household responsible for 4.2 tonnes of CO2/yr. (heating and appliances)

Simple no cost good housekeeping measures can often reduce this by 10%.

Further measures can reduce emissions by up to 50%!!



Mold floods - winter 2000/01



Alleviating fuel poverty through energy efficiency

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- Households that can not afford to adequately heat the home.
- No official figures, but 1997/98 Welsh House Condition Survey reported that 222,000 households in Wales were eligible for the Home Energy Efficiency Scheme.
- UK has a target of eradicating fuel poverty by 2018 – reflected in Welsh Assemblies own policies and statements.
- Improvements in energy efficiency help lift people out of fuel poverty by making heating the home affordable.



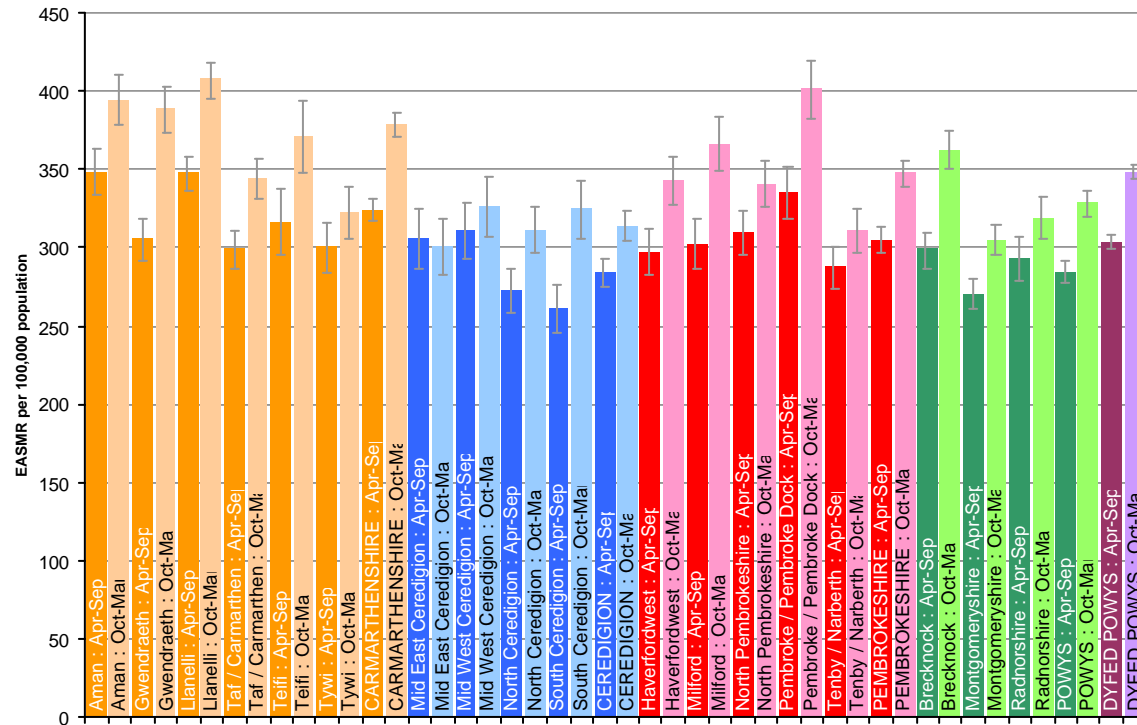
Improving health through Energy Efficiency

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Excess winter deaths April-Sept & Oct-March 1996 - 2000,
European Age Standardised Mortality Rates (EASMR),



Delivery of advice

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- Freephone line: **0800 512012**
- Presentations & training events
- Face to face advice in the office
- DIY Home Energy Checks
- Shows and events
- Limited Home Visit service
- Media



In 2002 the Mid & SW Wales Centre provided 4582 households with written reports tailored to their home. Research by the Energy Saving Trust indicates that this will result in a spend of £174,116 on energy efficiency measures and equate to a carbon emission reduction of 2,702,807 kg.



Working in partnership

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Key end-user is the householder, but in order to reach our target group we work with lots of other partners:

- Eaga
- EST
- Energywatch
- Local Authorities
- Utility companies
- Community Groups
- Health Alliances
- CAT



Current drivers for domestic energy efficiency in the UK

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Government CO2 reduction targets

12.5% reduction in 1990 greenhouse gas emissions by 2008-2012 (Kyoto agreement 1997). Voluntarily extended on carbon dioxide to 20% saving by 2010

Home Energy Conservation Act

Act of parliament obliging all Local Authorities to reduce energy use in the domestic sector by 30% by 2010

Building regulations

Mandatory minimum requirements on new dwellings alterations and extensions.

Best Practice Programme

Government funded advice programme for all sectors offering advice on recommended (as well as minimum) standards

HEES & EEC

HEES is a government's funded grant scheme to tackle fuel poverty. EEC is an energy saving target set by the government on all fuel suppliers.

Future drivers for domestic energy efficiency in the UK

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- Government White Paper
- Implementation plan to follow White Paper in 2004
- New building regs in 2005
- Introduction of further economic measures
- Broadening of advice – cross selling of renewables with EE
- Continuing to build local partnerships including cross sector partnerships e.g. Health and Housing
- Increased demand from householder
- Developments in technology.....

