

CO2i (Cosy) Initiative

Neal Parry

PRIVATE SECTOR HOUSING



CO2i Initiative

To assist Powys meet its energy efficiency, carbon reduction, fuel poverty targets and requirements nationally and corporately .

- 1997 Home Energy Conservation Act (HECA)
- WAG Policy Agreement target 7(b)
- The Welsh Declaration on Climate Change and Energy Efficiency



CO2i Initiative

- Health, Social Care and Well-being strategy
- Environment strategy
- Corporate strategy

- Highest - Winter Mortality Rate in Wales 2000 - 2003



SET UP

CO2i Initiative

Collaboration with Energy Supplier and Selected Specialist Contractor to agree

- Type of measures
- Areas for initial targeting
- Contact and referral arrangements
- Price matrix



SET UP

CO2i Initiative

Initial Partners

- Domestic And General Insulation Ltd
- West Wales Eco Centre
- Scottish Power
- Care and Repair in Powys
- Powys Association of Voluntary Organisations (**PAVO**)



Measures

CO2i Initiative

- Loft insulation (up to 250mmm)
- Loft insulation top up
- Cavity wall insulation (beads or fibre)
- Draft proofing for windows and external doors
- Hot water tank jackets
- Radiator reflector panels for solid walled properties
- 'A' rated condensing boilers (replacing SEDBUK rated 'D' or less boilers or a defective / defunct boiler)
- Heating controls
 - Thermostatic radiator valves
 - Programmable Room Thermostats
 - Programmers



Measures ⁽²⁾

CO2i Initiative

- Solar Thermal added following customer interest and consultation with local installers.
- As an additional financial incentive to Low Carbon Building Programme.



Marketing

CO2i Initiative

- Initially via local press campaign ,
- Direct mailing to
 - County Councillors
 - Community Councils
 - Care and Repair in Powys
 - Voluntary Organisations
- Free Phone (0800) Telephone Number



Marketing Problems Solutions

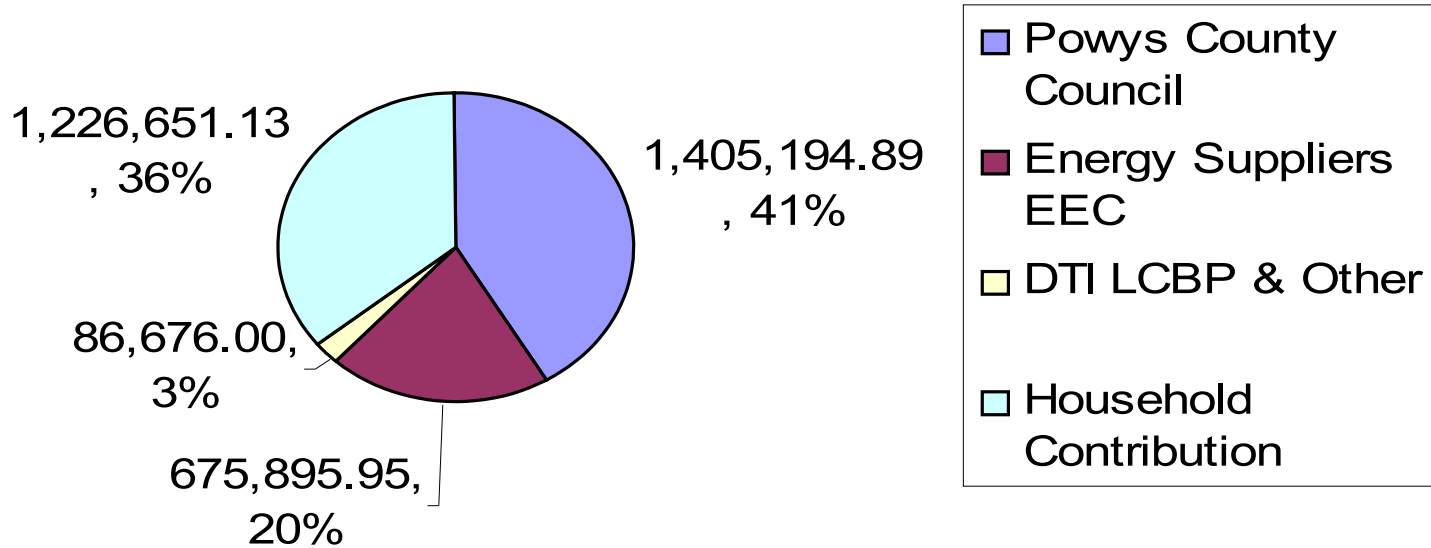
- Press campaign limited success.
- Population Density 55000 Households over 2000 square miles. 1 person / 10 acres.
- Door to Door Canvassing in targeted areas by contractor expanded to all Powys
- Word of Mouth (successful installations)



Funding

CO2i Initiative

Funding Breakdown - £3.4 million



Delivery

CO2i Initiative

- Contractor notified of free-phone enquires.
- Site survey, qualifying works identified.
- Applicant informed of contribution (if any).
- Application submission to PCC
- Approval notified to Applicant / Contractor.
- Works Completed, claim submitted
- Claim paid by PCC within 10 days



Results

CO2i Initiative

Cavity wall Insulation	1957
Loft Insulation	2560
Door & Window Draft Proofing	465
'A' Rated Boilers	261
Heating Controls	3152
Hot Water Tank Jackets	310
Solar Hot Water Panels	142
Low Energy Light-bulbs	20,640
Household Energy Advice	4483



Results

CO2i Initiative

- Energy Efficiency measures in **12.5%** of Private Sector Stock
- Households can expect fuel-bill savings in excess of **£1.282 million**
- Contributes around **50%** of HECA & WAG Policy Agreement target 7(b).
- **9381**(T/yr) CO₂, **123,833** (gj)



What you can do next?

- Engage with your HECA Officer
- Lobby your Cabinet, Political Groupings, Portfolio Members, Chief Executive
- Raise awareness of:
 - CO2 reduction
 - Carbon Saving
 - Fuel Poverty
 - Winter Death Mortality

