

HOME ENERGY CONSERVATION ACT 1995

FIFTH PROGRESS REPORT (2001)
FOR THE PERIOD 1 APRIL 2000 TO 31 MARCH 2001

Please complete this form in full and return it and one copy to your Government Office **no later than 31 August 2001**. Before completing this form you should read the accompanying guidance. *Pagination in this version of the form, designed for completion on a PC, differs from that of the printed form. The spaces should expand to accommodate the necessary information – but it would be appreciated if the completed form did not extend beyond a total of 8 pages. Please do not edit, or try to enter information into, the shaded areas.*

The name and details given here will be taken by DETR as the HECA "lead officer" contact			
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1. Have there been any changes to the following elements of your authority's Home Energy Conservation Act (HECA) strategy in the period covered by this report?

Please summarise elements of the energy conservation report prepared in 1996 (your "HECA strategy") in the first column of the table below, taking account of any amendments made to the strategy up to and including 31 March 2000. Changes made prior to this date will already have been recorded by DETR from information you have provided. However, if any changes have been made between 1 April 2000 to 31 March 2001, please tick the relevant "Yes, changes" box(es) and enter the new figure(s) in the final column. If there have been no changes, please tick the "No change" boxes. Refinements to strategies may be necessary from time to time, but fundamental changes to the original strategy are not anticipated. Please explain any changes.

	HECA strategy up to 31 March '00	No change since 1 April '00	Yes, changes since 1 April '00	New figures following changes since 1 April '00
a) Overall energy efficiency improvement identified	29.8%	√		per cent
b) Number of years to implement the measures identified	15	√		Years
c) Total cost of implementation of all measures	£133,653,000	√		Millions
d) CO ₂ reduction per annum as a result of all the measures identified	230,242 tonnes			Tonnes per Annum
e) Indicate the 1 April 1996 baseline energy use (in GJ) against which energy efficiency improvements are being measured				11,740,190 GJ

[Continued below]

Reasons for any changes identified above:

N/A

2. Are you monitoring changes in the energy efficiency of the housing stock in your area, in order to be able to report progress as required by HECA?

YES

NO

If you answered "Yes", please describe briefly:

- the methodology used to monitor progress, listing the main data sources
- how you are monitoring the success of activities designed to promote energy efficiency

If you answered "No", please give reasons below.

Methodology used to monitor progress and success of information, advice, education and promotion activities

1. Council Housing

The Council's energy efficiency database produces detailed profiling information, including SAP ratings of individual properties within the Authority's area.

HESTIA's EnergyMaster has been populated with baseline data provided by an Energy Audit undertaken during a recent Stock Condition Survey. The audit included surveys of Council properties to 100% of the external of flats, 10% of the flats internal parts and 10% of both the internal and external of houses.

The survey was carried out in accordance with the DETR's local house condition survey guide.

The main sources which are being used to update the database include:

- a) Planned Maintenance Programmes, which currently includes the installation of energy efficient (condensing boilers and TRVs) gas central heating systems, upgrading of loft insulation, cavity and external wall insulation, double glazing etc. These are being packaged together where possible to produce combined measures for achieving the desired targets.
- a) Information recorded during scheduled servicing is being used to identify data relating to space and water heating systems, controls, fuel and levels of insulation.
- a) Warm Front network installers who are supplying records of applied measures on a periodic basis.
- a) Consultation with Tenants/Leaseholders of intended measures over a ten-year period has been undertaken. Questionnaires and representative monitoring groups has provided feedback for monitoring purposes. The Council Tenant Liaison Officer has contacted tenants following the installation of gas central heating to ensure the contractor has provided correct advice on using time clocks and TRVs etc.
- a) Information received from planned maintenance works. Specification of works include the need for contractors to submit supplementary information on insulation measures, such as heating contractors identifying the level of loft insulation when working on water storage tank.
- f) Questionnaires sent out in response to tenant requests for improvements include tick boxes relating to current levels of energy efficient measures.
- g) Information about the numbers of Council tenants receiving home energy advice at the time of works carried out through Warm Front is received from network installers.

2. Private Sector Housing

The full report of the 1999/2000 Private Sector House Condition Survey produced useful data on the energy efficiency of private sector housing in Brighton and Hove.

Energy efficiency data also continues to be collected from the following sources:

- a) Building notices for cavity wall insulation
- b) House renovation grant programme
- c) Individual housing inspections
- d) EAGA and insulation installers (Warm Front and CRISP)
- e) Transco (domestic gas consumption)
- d) Energy Efficiency Advice Centre

Housing Association Stock

Information has been obtained from housing associations regarding the home energy efficiency measures carried out in this tenure during 2000/200.

3. It is helpful for DETR to be able to judge the extent to which the HECAMON software (Version 3, issued by DETR in April 1999 and updated in April 2001) is used each year. Therefore, please would you indicate whether or not you used the software when collecting and collating the data to enable you to complete this form?

Postal	<input type="checkbox"/>	Telephone	<input type="checkbox"/>	Both	<input type="checkbox"/>
					HECAMON not used <input checked="" type="checkbox"/>

4. Please briefly describe in part a) all activities that are specifically designed to assist in the development and achievement of your HECA strategy. Include:

- what you are doing as an authority to deliver information, advice, education and promotion in relation to energy efficiency to all households in your area, and who is involved (this may be external partners, or staff from another Department)
- joint activities with external partners, e.g. businesses or other local authorities
- if possible, the financial contribution from partners in the 2000/01 financial year
- confirmation if existing activities will continue

In part b) describe new activities you expect to commence in the 2001/02 financial year.

a) activities in 2000/01 financial year			
Activity	Who is involved?	Partners' contribution (£) in 2000/01	Will this continue into 2001/02?
<u>1. Council Housing</u>			
<p><u>Gas Central Heating (Priority) Programme</u> The Council's comprehensive programme for prioritising gas central heating and insulation installations (as reported in the Forth HECA Progress Report) has been maintained during 2000/2002.</p>	GPs Private Contractors Age Concern Brighton	Staff time	Yes
<p><u>Homing In</u></p> <p>1 Energy advice provided through the free newspaper 'Homing In' to tenants and leaseholders in the following issues:</p> <p>2 Article advising residents on buying new energy efficient electrical appliances; looking for the energy efficiency labels on many appliances and understanding the energy rating code.</p> <p>3 Publicity for the leaflet made available in neighbourhood offices on advising residents who are considering changing their fuel supplier that has been produced by the Council in partnership with Warm Front.</p> <p>4 Advice on using energy efficient jug kettles, with a word search competition and 4 jug kettles supplied by SEEBOARD as prizes.</p> <p>5 Publicity photograph and article on cavity wall insulation being carried out to Council managed property.</p> <p>6 Article on low cost and no cost tips to keep residents warmer during the winter.</p> <p>7 Article on arrangements for winter fuel allowance.</p> <p>8 Article on reduction of heating charges to residents of high rise blocks that have been insulated with overcladding.</p>			Yes
<p><u>Energy efficiency publicity</u> Wide distribution of leaflet 'Should I change my fuel supplier' produced by the Council in partnership with Warm Front.</p> <p>All housing offices and advice centres provided with Warm Front leaflets and application forms, and other energy efficient publicity.</p>	Eaga District Housing Offices Advice Centres	Staff time	Yes
<p><u>Advice to housing officers on energy efficiency measures</u> Talks to housing officers, caretakers and tenant representatives on current energy efficiency programmes of works.</p>	SEEBOARD	Staff time	Yes

2. Private Sector & General			
<p><u>Energy Efficiency Local Plan Policies</u> The draft local plan for Brighton & Hove, which contains policies promoting energy conservation measures and the wider use of renewable energy, was placed on deposit.</p>	A wide range of consultees	Staff time	Yes
<p><u>East Sussex Heat & Sun HECAction Scheme</u> This home insulation/solar water heating bulk discount and energy advice initiative funded under the HECAction programme was launched in November 2000 and has successfully operated since that time. To date the scheme has provided 515 insulation vouchers and 28 solar water heating grants across East Sussex.</p>	<p>Energy Saving Trust (EST) DTLR HECAction Partners - <i>Eastbourne BC</i> - <i>Hastings BC</i> - <i>Lewes DC (Lead Authority)</i> - <i>Rother DC</i> - <i>Wealden D</i> Managing Agent Insulation Contractors Additional funding partners (to be identified)</p>	<p>EST grant of £180K. The participating authorities are contributing mainly in the form of officer time and through the provision of other support services</p>	Yes
<p><u>Private Sector Renovation Grants</u> Includes Home Repair Assistance and renovation grants</p>	<p>Eaga Local surveyor Insulation contractor DETR Anchor Housing Trust Housing Assns Freeholders</p>	<p>All funding from Private Sector Renewal funds. (£400,000)</p>	Yes
<p><u>CRISP Scheme</u> The CRISP programme continued into 2000/01</p>	<p>EAGA Ltd Insulation contractors DETR</p>	<p>£75,000 of CRI funding was transferred to 2000/01</p>	No
<p><u>Housing Benefit Mailshot</u> A targeted mailshot to promote the take up of Warm Front grants was undertaken in January. Approximately 6,100 letters were sent to recipients of Housing Benefit in Brighton & Hove using the councils' benefits database. The mailshot consisted of a letter setting out the grants available and the recipients' likely eligibility. A self-referral form and a prepaid envelope to return the form to the Eaga Partnership. 888 forms were returned, 254 were cancelled due to ineligibility or 'no works required', 431 are 'active', and 202 have been submitted to contractors of which 131 have works completed. 1 is outstanding awaiting some missing information from the applicant.</p>	<p>Brighton & Hove City Council Housing Benefits Team. The Eaga Partnership.</p>	<p>Eaga contributed £1500 to fund the materials and postage. Council contributed staff time and other support.</p>	Yes
<p><u>Exhibitions</u> The benefits of home energy efficiency were promoted by taking a stand at three exhibitions targeted at different housing sectors. The first aimed at private sector landlords, tenants and officers from relevant council departments. The</p>	<p>Brighton & Hove Private Sector Housing Forum. University of Sussex.</p>	Staff time	Yes

<p>second targeted the local student population and the third was aimed at the over 60's.</p>	<p>Brighton & Hove Private Sector Housing Forum. University of Sussex</p>	<p>Staff time</p>	<p>Yes</p>
<p><u>Presentations</u> Presentations were made to two groups to promote the benefits of energy efficiency in the home and the councils newly adopted Home Energy Efficiency Strategy. The two 'audiences' were students and private sector landlords, tenants and relevant council officers.</p>	<p>Brighton & Hove Private Sector Housing Forum. University of Sussex</p>	<p>Staff time</p>	<p>Yes</p>
<p><u>Media Campaign</u> A campaign to generate local media coverage promoting energy efficiency in the home was undertaken. Some 12 press releases covering subjects such as solar water heating and the promotion of home energy efficiency grants were distributed resulting in a similar number of editorial pieces and/or local radio features.</p>	<p>Local Media Brighton & City Council Press Office</p>	<p>Staff time</p>	<p>Yes</p>
<p><u>Promotional Campaigns</u> Three campaigns took place to promote the take up of Warm Front grants in Brighton & Hove. The first, which also supported Energy Efficiency Week, took the form of the distribution of Home Energy Efficiency grant leaflets to numerous public offices and places throughout Brighton & Hove. The second was a campaign to encourage local GP's to encourage eligible patients suffering from cold related illnesses to apply for home energy efficiency grants. This was achieved by distributing grant information to all GP surgeries in Brighton & Hove with a letter introducing the campaign. The third was a door to door letter drop (6,000 copies) to selected areas of the city undertaken by two local registered Warm Front installers. The letter, produced by the city council supported the grant scheme and outlined the eligibility requirements and works the scheme could provide. Recipients were then invited to telephone the installer to progress the application for a grant if they wished to do so.</p>	<p>Energy Saving Trust Primary Care Group Eaga Local library service</p> <p>Eaga Local GP's surgeries</p> <p>Eaga Local Warm Front installers</p>	<p>Staff time</p> <p>Staff time</p> <p>£500 printing and Staff time</p>	<p>Yes</p> <p>Yes</p> <p>Yes</p>
<p><u>Home Energy Efficiency Strategy</u> The Home Energy Strategy for Brighton & Hove was formally adopted by Brighton & Hove City Council on 17th January 2001. Implementation of its comprehensive action plan has continued and an IT system for monitoring progress is in place.</p>	<p>Brighton & Hove Private Sector Housing Forum (Energy Efficiency Sub Group).</p>	<p>Staff time</p>	<p>Yes</p>
<p><u>Warm Front (Brighton) Initiative</u> Supported the activities of the Brighton based charity Warm Front to encourage people living in fuel poverty to use energy more efficiently in their homes. Also, to maintain a home energy efficiency training programme for 'frontline' personnel whose occupation requires them to visit vulnerable groups in their homes.</p>	<p>Warm Front (Brighton)</p>	<p>Staff time</p>	<p>No, Warm Front (Brighton) has closed having</p>

			come to the end of its three year lottery funding period.
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b) activities planned in 2001/02 and not mentioned in a) above			
Activity	Who is involved?	Partners' contribution (£) in 2001/02	Will this continue into 2002/03?
1. Council Housing			
<u>Cosier homes programme</u> Cavity wall and loft insulation programme to at least 3,000 dwellings. Distribution of energy efficient light bulbs and advice. Collection and processing of data.	London Electricity West Anglia Insulation	£400,000	Yes
<u>Retro warm</u> Retrospective funding of cavity wall and loft insulation programme to at least 1,000 dwellings. Distribution of energy efficient light bulbs and advice. Collection and processing of data.	Scottish and Southern Electric West Anglia Insulation	£140,000	No
<u>Retro Heat</u> Rebate on condensing boiler programme undertaken during 2000/01, which allowed 35 fast tracked installations of energy efficient heating systems to tenants with medical needs.	Powergen Heating contractors External professional consultants	£66,500	No
<u>CHP</u> Installation of CHP unit to high rise sheltered block of 74 flats that previously had old style electric storage heaters.	SEEBOARD EST CHPA	£70,000+	Yes
<u>Homing In</u> Major survey on energy to be carried out in August 2001 in the Homing In newspaper to 15,000 Council tenants and leaseholders. They will be asked to provide snapshot of their heating systems, whether they spend more than 10% of household income on fuel bills, how they pay for their fuel, whether they can afford to heat their homes adequately and what would help them change to a cheaper fuel supplier. Two energy efficient lamps supplied by SEEBOARD will be offered in return for a completed questionnaire. Analysis of the questionnaires will assist the Council in planning future energy efficiency programmes. If the survey is successful, a similar survey may be undertaken in the private sector so that a unique snapshot of home energy use in the city is available that will influence the home energy efficiency strategy action plan.	SEEBOARD	£TBA	Yes
<u>ConAleav</u> Targeting the incidence of ill health brought about in part by condensation/damp through the installation of heat recovery ventilation units. Trials indicate fuel savings, better thermal resistance of building fabric and alleviation of asthma etc.	Fuel Suppliers GPs	£30,000+	Yes

<p><u>Wind Power</u> Feasibility and EIA into wind turbines to supply green energy to council managed estates.</p>	<p>Fuel Suppliers BWEA Insurance company Energy Associates University of Brighton</p>	<p>£TBA</p>	<p>Yes</p>
<p><u>Solar Power</u> Pilot schemes to install solar panels to selected council managed properties.</p>	<p>Fuel Suppliers</p>	<p>£TBA</p>	<p>Yes</p>
<p><u>Thermal Cladding</u> Installation of thermal cladding decorative systems to "undesirable" energy inefficient blocks of flats, together with other measures.</p>	<p>Fuel suppliers Specialist contractors BRE</p>	<p>£TBA</p>	<p>Yes</p>
<p><u>Controllable Heat</u> Targeting of council managed dwellings where current boilers have lack of heating controls. To include TRVs, Thermostats and radiators.</p>	<p>Fuel Suppliers Heating contractors</p>	<p>£TBA</p>	<p>Yes</p>
<p><u>Central Boiler/CHP Schemes</u> Feasibility of attaching CHP units to central boilers throughout the City.</p>	<p>Fuel Suppliers Specialist Heating contractors Specialist consultants CHPA</p>	<p>£TBA</p>	<p>Yes</p>
<p><u>GeoTherm</u> Feasibility and pilot of Geothermal heating systems.</p>	<p>Fuel Suppliers Specialist contractors Specialist consultants</p>	<p>£TBA</p>	<p>Yes</p>
<p><u>British Gas Trading EEC (SoP3) HRA Scheme</u> Joint funding of £60,000 of home insulation grants to older private sector residents for cavity wall and loft insulation</p>	<p>British Gas Trading</p>	<p>£30,000</p>	<p>Yes (on a larger scale, subject to successful bid)</p>
<p><u>2. Private Sector & General</u></p>			
<p><u>Web Site Development</u> A home energy efficiency section for the Brighton & Hove City Council website is to be developed. The contents will contain tips on saving energy in the home, information about grants and eligibility and information about local initiatives.</p>	<p>Brighton & Hove City Council IT Team</p>	<p>Staff time</p>	<p>Yes</p>
<p><u>Energy Efficiency Commitment Grant Schemes</u> Establish partnerships with fuel supply companies and other associated organisations to deliver local Energy Efficiency Commitment grant schemes.</p>	<p>Utilities. Associated organisations</p>	<p>Staff time</p>	<p>Yes</p>
<p><u>Advice on Energy Efficiency Planning Policy</u> Produce and disseminate advice to planning applicants, and supporting information to officers, for the effective implementation of energy efficiency Local Plan policies promoting energy efficiency design and the use of renewable energy in both new-build and refurbishment.</p>	<p>Brighton & Hove City Council Planning and Building Control Teams</p>	<p>Staff time</p>	<p>Yes</p>
<p><u>Energy Efficiency in Housing Association Properties</u></p>			

<p>Encourage and support improvement in the energy efficiency of housing association properties (both new-build and refurbishment) and the greater use of renewables.</p>	Housing Associations	Staff time	Yes
<p><u>Fuel discount scheme</u> Investigate the potential of setting up a Fuel Discount Scheme</p>	Utility companies & others	Staff time	Yes
<p><u>Home Energy Efficiency/Conservation in Education</u> Establish appropriate links with the education service and individual schools and colleges and develop a home energy efficiency/conservation programme for students.</p>	Brighton & Hove City Council Education & Lifelong Learning department. Schools and Colleges.	Staff time	Yes
<p><u>Solar Energy</u> Promote the wider use of solar power and other renewable energy sources.</p>	Local media Installers Pressure groups	Staff time	Yes
<p><u>Energy Efficient Appliances</u> Promote the use of energy efficient appliances as part of local and national campaigns</p>	Manufactures Retailers 'Energy Efficiency' organisations Local media	Staff time	Yes
<p><u>Making a Corporate Commitment</u> Promote the participation of local housing businesses in the 'Making a Corporate Commitment' campaign</p>	DEFRA Local housing businesses. Business groups and organisations. Brighton & Hove City Council Economic Development Team	Staff time	Yes
<p><u>Promoting take up of Warm Front grants to families receiving Working Families Tax Credit</u> Mount a campaign to promote the take up of Warm Front grants to families receiving Working Families Tax Credit. First leg of the campaign will be to include editorial in Brighton & Hove City Council's staff magazine in September/October targeting the estimated 300 staff in council employment who receive this benefit. Other large employers in the city will be approached to encourage their own staff to apply for Warm Front grants by similar means.</p>	Brighton & Hove Council's Communications Team Large local employers Eaga	Staff time	Yes
<p><u>Nine Lives</u> A campaign to change attitudes to environmental issues including home energy efficiency</p>	The Argus (newspaper) Brighton & Hove City Council Communications Team Warm Front Fuel Suppliers AES	£TBA	No

5. In the last reporting round, authorities were asked to report on their policies, strategies and achievements in tackling fuel poverty. Please briefly describe below how you are taking forward a fuel poverty /affordable warmth strategy and advice on successes to date, key partner and anticipated future developments. If you do not have a fuel poverty / affordable warmth strategy, please say so below.

Brighton & Hove Fuel Poverty Strategy

Progress

The drafting process of a Fuel Poverty Strategy for Brighton & Hove began earlier this year. To ensure wide consultation at an early stage 2 seminars were held to which some 150 representatives were invited from relevant local groups, organisations, businesses and departments of the council.

The first seminar, which was attended by 37 'representatives', established fifteen main issues that a fuel poverty strategy would need to address. The second seminar, attended largely by the same audience, was held some 6 weeks later and took the form of a workshop with attendees breaking up into 4 themed groups, each dealing with subjects grouped under issues brought from the first seminar. The themes were linked as far as possible to the professional occupation of those in each group. A person with a professional knowledge of the subject facilitated each group. Each facilitator then produced a list of actions necessary to deal with the issues being discussed including where possible, target dates for completion and partnership organisations.

The body with overall responsibility for planning and implementing the drafting process of the strategy and for monitoring progress after its anticipated adoption by council is the Private Sector Housing Forum Energy Efficiency Sub Group. This long established group had previously carried out a similar function for the Home Energy Efficiency Strategy for Brighton & Hove that was adopted by council in January of this year. To ensure a wide input into the development of the strategy additional members for the Sub Group were recruited from those attending both seminars. With these additional recruits membership stands at 15 and is made up of council officers and a council Member, landlord and tenant representatives, a representative from the local energy efficiency advice centre, the health service, relevant businesses, and individuals with an academic or personal interest in the issue of fuel poverty.

Partnerships

The sub group already has long term partnerships developed from its previous activities. However the Fuel Poverty Strategy project has provided an opportunity to develop new relationships with a wider range of organisations. In particular the group now has partnerships with the health service, specifically with the Primary Care Group, Health Promotion and Health Improvement teams. These partnerships will develop as the drafting process continues and will become invaluable in assisting in the monitoring of the strategy in future years. They will also prove vital in addressing further issues in the future.

Many of the initiatives featured in this report are targeted at people living in or at risk from fuel poverty.

The Future

Regular meetings of the Sub Group are planned to oversee and approve the written drafts of the strategy. The draft which will be the product of the two seminars, will have a single policy statement, a number of aims and a detailed action programme setting out specific tasks with target dates, details of possible sources of funding and partners. Once completed the strategy will be presented to council for consideration for adoption as policy. Officers will undertake progress monitoring using an appropriate software programme, and progress reports will be presented at regular intervals to the Sub Group whose role will be to oversee and guide progress over the long term.

6. Please indicate below, for the period 1 April 2000 to 31 March 2001, the percentage improvement in energy efficiency recorded for each of the four housing sectors shown. In each case, please also indicate the resulting annual reduction in CO₂ emissions and the costs involved. If you do not have the information available by sector, please ensure that you provide overall totals for each column in the table below.

Sector of housing	% improvement in energy efficiency achieved in 2000/01	Reduction in CO ₂ emissions 2000/01 (tonnes)	Cost of the measures in 2000/01	
			Cost to your authority £ millions	Overall cost £ millions
Total for each sector April 2000 to March 2001:				
Owner/Occupied				
Local Authority				
Private Rented				
Housing Associations				
OVERALL TOTAL FOR HOUSING, APRIL 2000 TO MARCH 2001				
	1.85	14,290	3.505	8.035
Any qualifying comments on the figures should be included here:				

7. Please indicate at (a) the annual improvement reported in each of the previous progress report periods and, at b) the overall progress recorded up to 31 March 2001. Please add any supplementary information overleaf.

(a1) Progress reported between 1 April 1996 and 30 June 1997 (1 st progress report)	1.46 %
(a2) Progress reported between 1 April 1997 and 31 March 1998 (2 nd progress report)	1.25 %
(a3) Progress reported between 1 April 1998 and 31 March 1999 (3 rd progress report)	1.65 %
(a4) Progress reported between 1 April 1999 and 31 March 2000 (4 th progress report)	2.16 %
(a5) Progress reported between 1 April 2000 and 31 March 2001 (this progress report)	1.85%
(b) Overall improvement in energy efficiency from 1 April 1996 to 31 March 2001	7.83%
Any qualifying comments or supplementary information should be included here:	