

HOME ENERGY CONSERVATION ACT: GREATER MANCHESTER 2015/16 – 17/18

ACTION	DETAILS	TIMING																																																																																																																																
1. LOCAL ENERGY EFFICIENCY AMBITIONS AND PRIORITIES																																																																																																																																		
Ambitions	<p>Greater Manchester (GM) is committed to supporting and delivering the following strategies in order to achieved home energy conservation.</p> <ul style="list-style-type: none"> ➤ The GM Climate Change Strategy aims to reduce carbon emissions by 48% across Greater Manchester by 2020 based on 1990 levels. ➤ The Greater Manchester Green Deal (GD) and ECO Model implemented from May 2014 and aims to deliver Green Deal and ECO to 5,000 homes across GM by financial year end 2015. ➤ The GM Retrofit Strategy sets a long term target for 90% of housing stock in Greater Manchester, to be at Energy Performance Certificate (EPC) rating B, and 17 kg/CO2 per m2 by 2035. The remaining 10% of homes will need to achieve a minimum of EPC C by 2035. 																																																																																																																																	
Performance and Achievements	<p>GM has consistently worked to improve the energy efficiency of homes across the region in order to enhance the lives of residents. The table below is for data up to September 2014.</p> <table border="1" data-bbox="376 758 1962 1375"> <thead> <tr> <th data-bbox="376 758 607 917">Area names</th> <th colspan="7" data-bbox="607 758 1962 790">Obligation</th> </tr> <tr> <th data-bbox="376 790 607 917"></th> <th data-bbox="607 790 775 917">Carbon Saving Target (CSO)</th> <th data-bbox="775 790 994 917">Carbon Savings Community (CSCO)</th> <th data-bbox="994 790 1234 917">Affordable Warmth (HHCRO)</th> <th data-bbox="1234 790 1453 917">Total number of ECO measures delivered⁴</th> <th data-bbox="1453 790 1641 917">Valid percentage of ECO measures delivered⁵</th> <th data-bbox="1641 790 1809 917">Households with at least one usual resident^{1,2}</th> <th data-bbox="1809 790 1962 917">ECO measures per 1,000 households</th> </tr> </thead> <tbody> <tr><td>GREAT BRITAIN</td><td>379377</td><td>205582</td><td>379442</td><td>964401</td><td>100</td><td>26263269</td><td>36.7</td></tr> <tr><td>ENGLAND</td><td>311600</td><td>175591</td><td>309600</td><td>796791</td><td>82.6</td><td>22542903</td><td>35.3</td></tr> <tr><td>NORTH WEST</td><td>61212</td><td>51676</td><td>77312</td><td>190200</td><td>19.7</td><td>3046753</td><td>62.4</td></tr> <tr><td>Greater Manchester</td><td>24974</td><td>23644</td><td>29008</td><td>77626</td><td>8.1</td><td>1147141</td><td>67.7</td></tr> <tr><td>Bolton</td><td>2183</td><td>1875</td><td>3915</td><td>7973</td><td>0.8</td><td>118340</td><td>67.4</td></tr> <tr><td>Bury</td><td>2376</td><td>840</td><td>2124</td><td>5340</td><td>0.6</td><td>79426</td><td>67.2</td></tr> <tr><td>Manchester</td><td>3015</td><td>6184</td><td>4644</td><td>13843</td><td>1.4</td><td>208624</td><td>66.4</td></tr> <tr><td>Oldham</td><td>3265</td><td>3095</td><td>3647</td><td>10007</td><td>1</td><td>90721</td><td>110.3</td></tr> <tr><td>Rochdale</td><td>1394</td><td>2016</td><td>2804</td><td>6214</td><td>0.6</td><td>88270</td><td>70.4</td></tr> <tr><td>Salford</td><td>2526</td><td>1786</td><td>2059</td><td>6371</td><td>0.7</td><td>106811</td><td>59.6</td></tr> <tr><td>Stockport</td><td>2423</td><td>941</td><td>2199</td><td>5563</td><td>0.6</td><td>123549</td><td>45</td></tr> <tr><td>Tameside</td><td>2356</td><td>4441</td><td>2436</td><td>9233</td><td>1</td><td>96646</td><td>95.5</td></tr> <tr><td>Trafford</td><td>1786</td><td>585</td><td>1334</td><td>3705</td><td>0.4</td><td>96279</td><td>38.5</td></tr> <tr><td>Wigan</td><td>3650</td><td>1881</td><td>3846</td><td>9377</td><td>1</td><td>138475</td><td>67.7</td></tr> </tbody> </table>	Area names	Obligation								Carbon Saving Target (CSO)	Carbon Savings Community (CSCO)	Affordable Warmth (HHCRO)	Total number of ECO measures delivered ⁴	Valid percentage of ECO measures delivered ⁵	Households with at least one usual resident ^{1,2}	ECO measures per 1,000 households	GREAT BRITAIN	379377	205582	379442	964401	100	26263269	36.7	ENGLAND	311600	175591	309600	796791	82.6	22542903	35.3	NORTH WEST	61212	51676	77312	190200	19.7	3046753	62.4	Greater Manchester	24974	23644	29008	77626	8.1	1147141	67.7	Bolton	2183	1875	3915	7973	0.8	118340	67.4	Bury	2376	840	2124	5340	0.6	79426	67.2	Manchester	3015	6184	4644	13843	1.4	208624	66.4	Oldham	3265	3095	3647	10007	1	90721	110.3	Rochdale	1394	2016	2804	6214	0.6	88270	70.4	Salford	2526	1786	2059	6371	0.7	106811	59.6	Stockport	2423	941	2199	5563	0.6	123549	45	Tameside	2356	4441	2436	9233	1	96646	95.5	Trafford	1786	585	1334	3705	0.4	96279	38.5	Wigan	3650	1881	3846	9377	1	138475	67.7	
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- In 2011/12 GM received £3.065m of funding from DECC to deliver Green Deal Go Early schemes that tested the Green Deal and ECO processes, measures and supply chain. The project worked across seven local authorities, eight social landlords, a number of community organisations, and local supply chain partners. The GM Energy Advice Service delivered improvements to over 650 social rented and owner occupier properties, giving the service vital experience in Green Deal and ECO delivery.
- In 2011 the GM Combined Authority stated their support for the proposed Green Deal (GD) business case and for a GD programme for GM to be delivered from April 2014.
- In 2011/12 all authorities in GM provided support for the establishment of the Greater Manchester Energy Advice service (GMEAS). The GMEAS was established to provide free energy advice and information, access to funding for energy efficiency improvements and help and advice for residents in fuel poverty. This service is scheduled to close on 31st march 2015 following a Greater Manchester review of all of its non statutory functions.
- Delivery of several Department of Health funded Warm Homes Healthy People projects to the value of £1,800,716 in 2011/12 and £1,153,181 in 2012/12 to reduce the impact of fuel poverty in GM.
- In 2009 GM was designated as a Low Carbon Economic Area for the Built Environment. Under this structure a partnership focused Customer Engagement Working Group and a Products, Processes and Innovation Working group were established. These groups published the following reports to inform local organisations and businesses about the need to improve the housing stock and :
 - The Missing Quarter
 - Good Practice Guide for Social Housing Landlord
 - Transforming Homes from G to A
- In 2014 GM received £6.1m of funding from DECC to deliver Green Deal Communities. As of the start of February 2015, 30+ homes have had installs through this project, 20 are currently having measures installed and 120 customers have signed up to have works with more GM customers forecasted to sign up through area based schemes. The majority of measures are solid wall insulation.
- The 'value of health'¹, benefit from the GM Toasty, Green Deal and ECO programmes across GM over the last four years is approximately £3.9m per year.

¹ University College London's HIDEEM (Health Impacts of Domestic Energy Efficiency) model being developed for DECC and used by NEA

	<ul style="list-style-type: none"> ➤ In the ALMO/RSL housing stock there has been significant coordinated activity led by GMEA across the 40+ RSLs in Greater Manchester to deliver, via area-based programmes including CESP, funded insulation and heating schemes, solar PV programmes and renewable heat incentive premium payment schemes, e.g. Green Deal Go Early. GMEA coordinate the bi-monthly Strategic Asset Group meeting, which is attended by all GM RSLs/ALMOs, providing a forum for RSL/ALMOs to discuss and explore energy efficiency. We provide support to this group, for example through research and sharing of information/best practices. 	
<p>Priorities</p>	<ul style="list-style-type: none"> ➤ Domestic Buildings account for 35% of the direct CO₂ emissions across Greater Manchester GM currently emits 6,233 kilotonnes CO₂ from domestic activity. ➤ Fuel poverty and cold homes are a drain on both the local economy and health budgets and have an adverse impact on the health and wellbeing of affected households. ➤ 129k households in GM (11.2%) are in fuel poverty, with Manchester having the highest proportion (15.7%) compared to an England average of 10%. There were 21% excess winter deaths in GM in 2012/13, with the highest incidences in Stockport and Manchester. GM has therefore outlined the following as priorities: <ul style="list-style-type: none"> • To reduce the impact of fuel poverty on households in Greater Manchester. • To reduce CO₂ emissions by 48% based on 1990 levels by 2020. 	
<p>2. MEASURES WE ARE TAKING TO RESULT IN SIGNIFICANT ENERGY EFFICIENCY IMPROVEMENTS OF OUR RESIDENTIAL ACCOMODATION</p>		
<p>2.1 Green Deal and ECO</p>	<ul style="list-style-type: none"> ➤ The Association of Greater Manchester Authorities (AGMA) procured three GD delivery partners in January 2014. GM GD programme will help: <ul style="list-style-type: none"> • Catalyse over £100m of activity across the whole supply chain; • Generate £36m of GVA ; • Support 1,000 jobs across the supply chain, whilst opening up opportunities for new GM apprenticeship and training activities; • Assist 5,000 households make their homes warmer, with at least 2,000 of these households being supported out of fuel poverty; and • Save approximately £3m in NHS costs in addressing fuel poverty. 	<p>2014 - 17</p> <p>2014 onwards</p> <p>2014 onwards</p>

- The programme April 14 until Jan 15 has installed 3125 measures within 2487 homes across GM.

Year	Total measures	Annual carbon saving (tCO2)	Annual carbon saving (ktCO2)	Annual HH financial savings on fuel bills £
May 2014 - Jan 2015	3125	2558.2	2.6	£603,405

Based on EST 2014 savings

- GM is a GD Skills Exemplar project with GD Skills Alliance focusing on inclusion of SMEs in supply chain and ensuring that GM SMEs are Green Deal ready early in the market.

2.2 Fuel Poverty

- GM had established a GM Fuel Poverty Group under the Low Carbon Hub to encourage partnership including representatives from the health sector working across the region to reduce the impact of fuel poverty. An initial GM fuel poverty strategy is also available:

http://archive.agma.gov.uk/cms_media/files/7_annex_gm_fuel_poverty_paper.pdf?static=1

- All of the above are on hold until a decision is made on future co-ordinated GM fuel poverty initiatives in light of the GM Energy Advice Service closing.

- DECC data shows that 11.2% of Greater Manchester's households are fuel poor, GMEA have worked to reduce the impact of fuel poverty on these households by:

- Supporting residents through the GMEAS to access funding, support, information and advice to improve the energy efficiency of their homes and reduce their fuel bills;
- Working in partnership with local organisations such as housing providers, private sector landlord, voluntary and community agencies, to ensure the maximum number of residents can obtain up to date, accurate and relevant advice;
- Working with the health and social care sector to identify and reach people most at risk of suffering from excess winter deaths;
- Continuing to deliver funded projects such as Warm Homes Healthy People (WHHP) where funding is available; and

2013/14-2015/16

2013/14-2015/16

2014 onwards

	<ul style="list-style-type: none"> • Encouraging all residents to participate in community switching through the GM Fair Energy campaign in order to reduce their energy tariff. <p>➤ GM is committed to working with Government to gain a comprehensive understanding of any alterations to the fuel poverty definition. Following a review of GM's non statutory services a GM decision has been made for the closure of GMEA post 31 March 2015.</p>	2014 onwards
2.3 Renewable Energy	<p>➤ GM is committed to encouraging the uptake of renewable technologies where appropriate for residents. This will be achieved by the GM Low Carbon Hub:</p> <ul style="list-style-type: none"> • Utilising the information contained within the National Heat Maps² • Support the aim of the GM District Heating Network programme; and • Support the aims of NEDO programme. 	2014 - 16
2.4 Minimum standards in the private rented sector	<p>➤ GM will encourage and support the Private Rented Sector to make energy efficiency improvements to the housing stock through the GM Low Carbon Hub.</p>	2014 - 16
2.5 Social Housing	<p>➤ Social landlords in Greater Manchester will continue to be supported and provide input in to the low carbon housing agenda through the Low carbon Hub sub group meetings.</p> <p>➤ In 2010/11 GM was awarded ERDF funding to implement housing retrofit schemes in social housing. The Greater Manchester Energy Smart Homes (GMESH) project delivered approx 3,159 tonnes CO₂ reduction per year.</p>	2014 - 16
3. MEASURES WE PROPOSE TO COST EFFECTIVELEY DELIVER ENERGY EFFICIENCY IMPROVEMENTS IN RESIDENTIAL ACCOMODATION BY USING AREA BASED / STREET BY		

² <http://ceo.decc.gov.uk/nationalheatmap/>

STREET ROLL OUT		
3.1 Greater Manchester ECO 2013 / GD and ECO 2014	<ul style="list-style-type: none"> ➤ During 2013 -14 GM procured a panel of partners to deliver ECO opportunities to resident via the GMEA. ➤ During that year 2408 measures were installed in homes across Greater Manchester; an annual carbon saving of 1.4ktCO2 equating to total household annual savings of £464,960. ➤ GMEA have procured a panel of delivery partners to deliver Green Deal and ECO. 	April 2013
3.2 Data Management and Targeting	<ul style="list-style-type: none"> ➤ GM will strive to access and use available data to systematically target homes that are most in need of energy efficiency improvements and where customers are in fuel poverty and are able to access ECO and other funding. This will be achieved by: <ul style="list-style-type: none"> • Working with DWP to gain a more comprehensive understanding of customers eligible for support under ECO and other projects; • Working with partners in local universities to provide robust monitoring, evaluation and research where applicable; and • Support the collation of data on the social housing stock across GM if applicable. 	April 2013 Onwards
4. TIME FRAME DELIVERY AND NATIONAL AND LOCAL PARTNERS		
Delivery and Partners	<ul style="list-style-type: none"> ➤ GM authorities are committed to working together to improve the energy efficiency of the housing stock across GM and to improve the lives of households living in fuel poverty. Our delivery and strategic partners are as follows: <ul style="list-style-type: none"> • Greater Manchester Low Carbon Hub • Green Deal Finance Providers • Greater Manchester Energy Advice Service (ceasing 31 March 2015). • Social housing providers • Private sector landlords • NHS • Voluntary and community sector 	

	<ul style="list-style-type: none">• Local supplier and installers• Local universities and colleges	
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