



Department  
of Energy &  
Climate Change

# Domestic Green Deal and Energy Company Obligation in Great Britain, Monthly report

Statistical release: Experimental statistics

21 January 2014

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This document is also available from our website at <https://www.gov.uk/government/collections/green-deal-and-energy-company-obligation-eco-statistics>

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# Executive summary

## Introduction

This release presents the latest statistics on the Green Deal (GD) up to the end of December and the Energy Company Obligation (ECO) up to the end of November.

For more details about the GD/ECO schemes, please see [Annex B](#). More detailed analysis of GD Assessments lodged, Cashback measures installed and provisional measures installed under ECO up to the end of September are also available in the [quarterly statistical release](#).

## Key points

- A provisional 471,766 measures were installed in around 403,000 properties through ECO, Cashback and Green Deal to the end of November (the latest month that we have complete data for), up from 388,465 measures to the end of October. The large majority of installed measures (98 per cent) were delivered through ECO.
- GD Assessments – 129,842 were lodged up to the end of December (Chart 1), up from 117,454 at end of November. The 12,388 GD Assessments in December was 21 per cent lower than the number in November (15,599). A decrease in December would be expected given the Christmas break.
- Green Deal Plans – 1,612 households had Green Deal Plans in progress at the end of December, compared to 1,478 at the end of November. Of these, 493 were ‘new’ (quote accepted), another 493 had moved to ‘pending’ (Plan signed) and 626 were ‘live’ (all measures installed), 39 per cent of all Plans (Chart 2). The large majority of Plans have started from June onwards.
- Cashback vouchers – by the end of December 10,563 had been issued and, of these, 8,773 vouchers had been paid (following installation of 9,153 measures) with a value of around £2.5 million (Chart 3). The majority of vouchers paid to date were in June and the large majority have been for boiler replacements.
- ECO measures - provisional figures show there were 461,726 measures installed under ECO up to the end of November, with 82,131 installed in November, 14 per cent higher than the 72,258 installed in October. Of all ECO measures installed to date, 33 per cent were for cavity wall insulation, 31 per cent were for boiler upgrades and 26 per cent were for loft insulation. All solid wall insulation types accounted for five per cent (Chart 5).

# Detailed Results

This section of the report provides the latest available information on different elements of the Green Deal and ECO. This includes the number of Assessments and Green Deal Plans, Cashback vouchers spent, measures installed through Cashback and ECO, a summary of ECO brokerage and an overview of the supply chain. Data on Green Deal are presented to the end of December in this release, whilst ECO is presented to the end of November. Aggregate data on all measures installed are also presented to the end of November.

The Green Deal and ECO [quarterly statistical release](#) provides a range of analysis and further breakdowns on Assessments lodged, Cashback measures installed and provisional measures installed to the end of September.

## All measures installed up to end November (Table 1 and Table 1a)

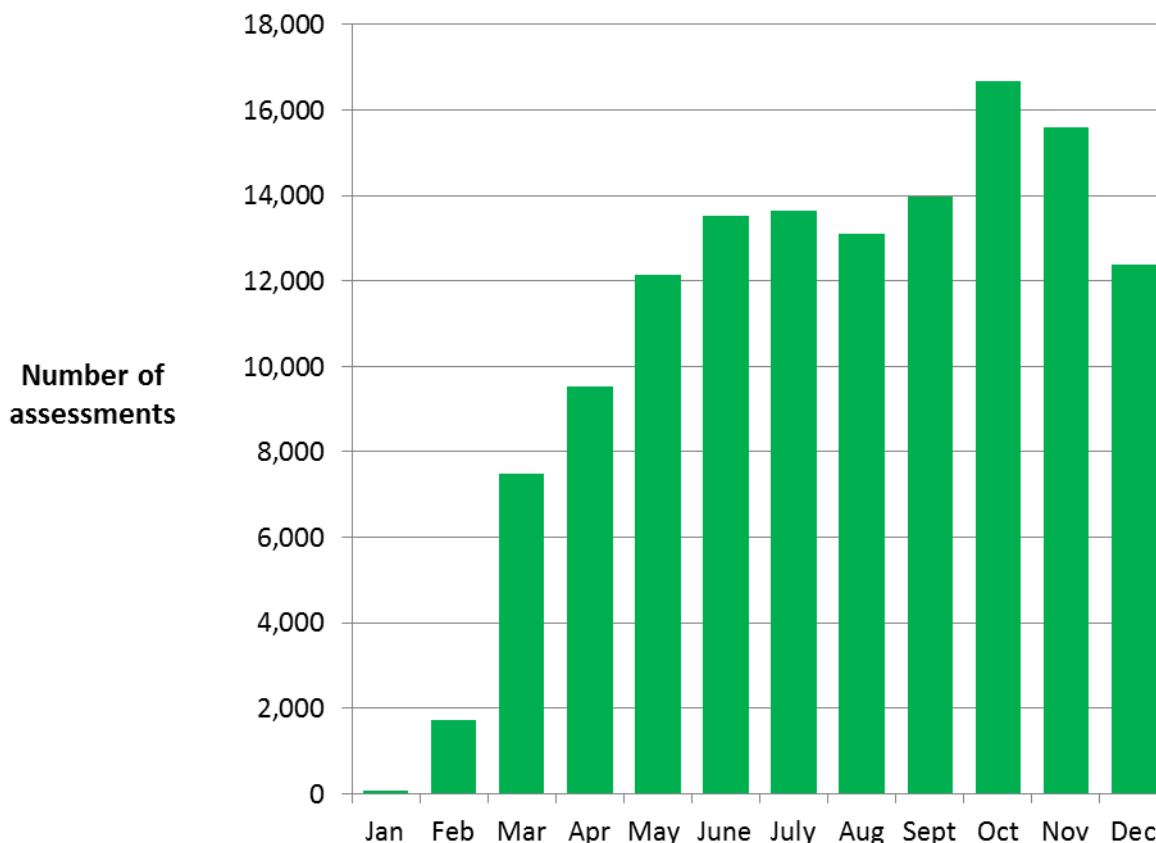
A provisional 471,766 measures were installed in around 403,000 properties through ECO, Cashback and Green Deal to the end of November (the latest month that we have complete data for), up from 388,465 measures to the end of October (Table 1 and Table 1a). The vast majority of installed measures (98 per cent) were delivered through the Energy Company Obligation. The most prevalent measures were cavity wall insulation, boilers and loft insulation. Further detailed results of each of these delivery mechanisms are within the main commentary. This does not include measures installed but financed outside the Green Deal framework.

## Green Deal Assessments, by month (Table 2, Chart 1)

The first step in the Green Deal process involves a Green Deal Assessor coming to the home, talking to the owner/occupier about their energy use and seeing if they can benefit from making energy efficiency improvements to their property. This leads to a Green Deal Advice Report being produced for the householder and lodged on a national register. The customer is then able to view the energy efficiency measures which have been recommended and understand the potential costs and savings. For more information on the [GD assessment process see here](#).

At the end of December there were 129,842 GD Assessments lodged in total ([Chart 1](#)). The number of GD Assessments in December was 21 per cent lower than in November. A decrease in December would be expected given the Christmas break.

Chart 1 - Number of Green Deal Assessments lodged, by month



**Green Deal Plans in unique properties, cumulative totals by month (Table 3, Table 3a, Table 3b, Chart 2)**

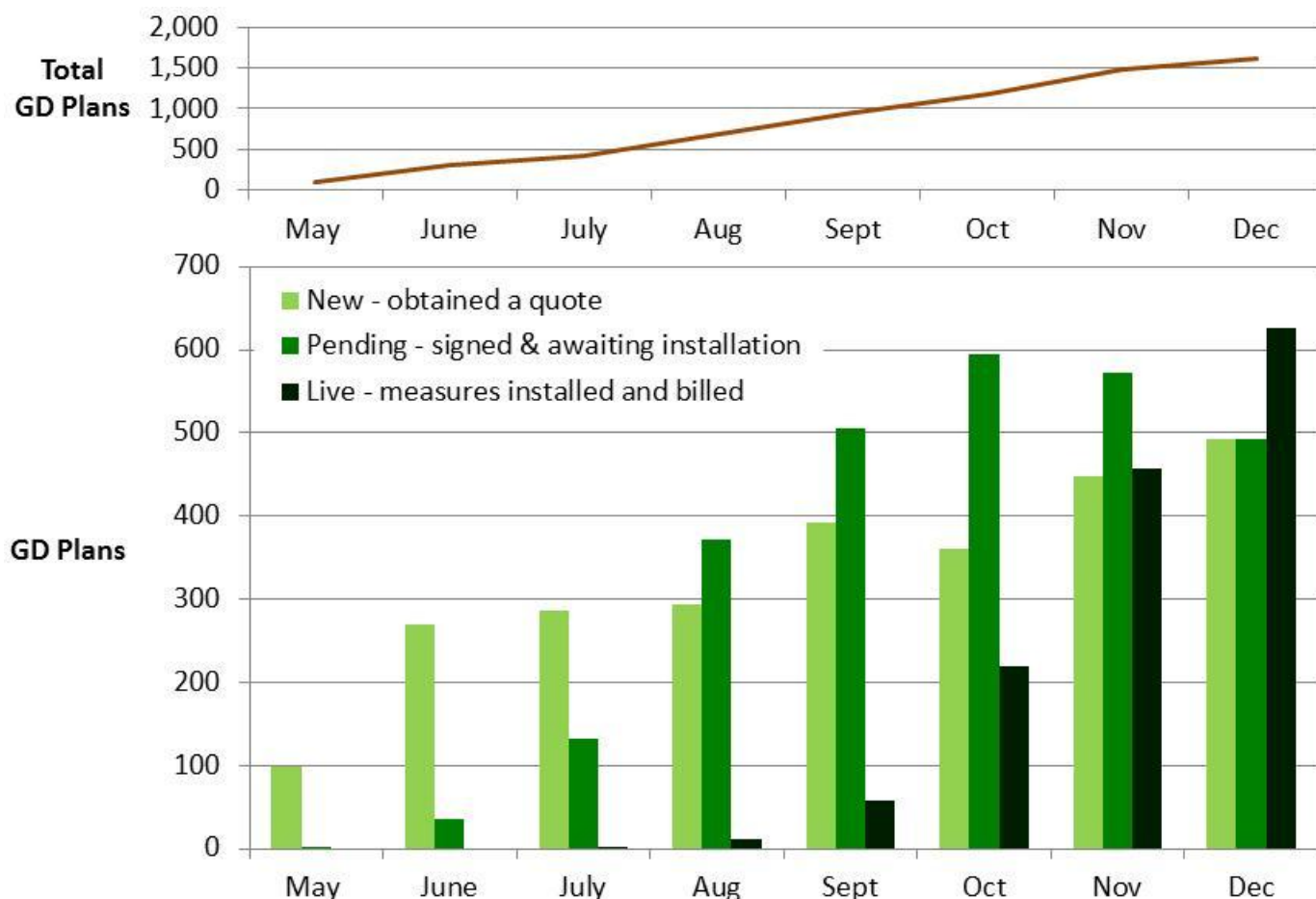
Following an Assessment, for householders who choose to take on any of the recommended measures, there are a number of routes to pay for the improvements. Some customers may choose Green Deal finance to pay for part or all of their planned improvements, whilst others may choose to pay for measures out of savings or other sources of finance, and some may be part funded through ECO support.

For those who choose Green Deal finance, there are three stages in the life cycle of a Green Deal Plan. The **first stage** (a 'new' Plan) is after a customer has obtained a quote and confirmed they wish to proceed, the **second stage** (a 'pending' Plan) is when a Plan has been signed by the customer and progress is being made to install measures, whilst the **final stage** (a 'live' Plan) is after the measures have been installed and the energy supplier has all the information required to bill Green Deal charges. For more detail on these stages, please see [Annex B](#).

In total, there were 1,612 Green Deal Plans in the system at the end of December, up from 1,478 at the end of November. Of these, 493 were 'new' (quote accepted), another 493 had moved to 'pending' (Plan signed) and 626 were 'live' (all measures installed), 39 per cent of all Plans and up from 31 per cent at the end of November. As 'new' and 'pending' Green Deal Plans lead to installation of measures and charges starting to accrue, they will be replaced as 'live' Green Deal Plans in future monthly releases. The three reporting stages are presented in Table 3 and Chart 2.

The total number of measures installed using Green Deal finance was 1,472 up to the end of December (see Table 3a). Boilers accounted for 32 per cent of measures installed, followed by photovoltaics (22 per cent), solid wall insulation (18 per cent) and loft insulation (10 per cent) (see Table 3b).

Chart 2 - Number of Green Deal Plans in unique properties, cumulative totals at end of each month, and by stages



### Cashback vouchers where payments have been made, by month of installation (Table 4, Chart 3)

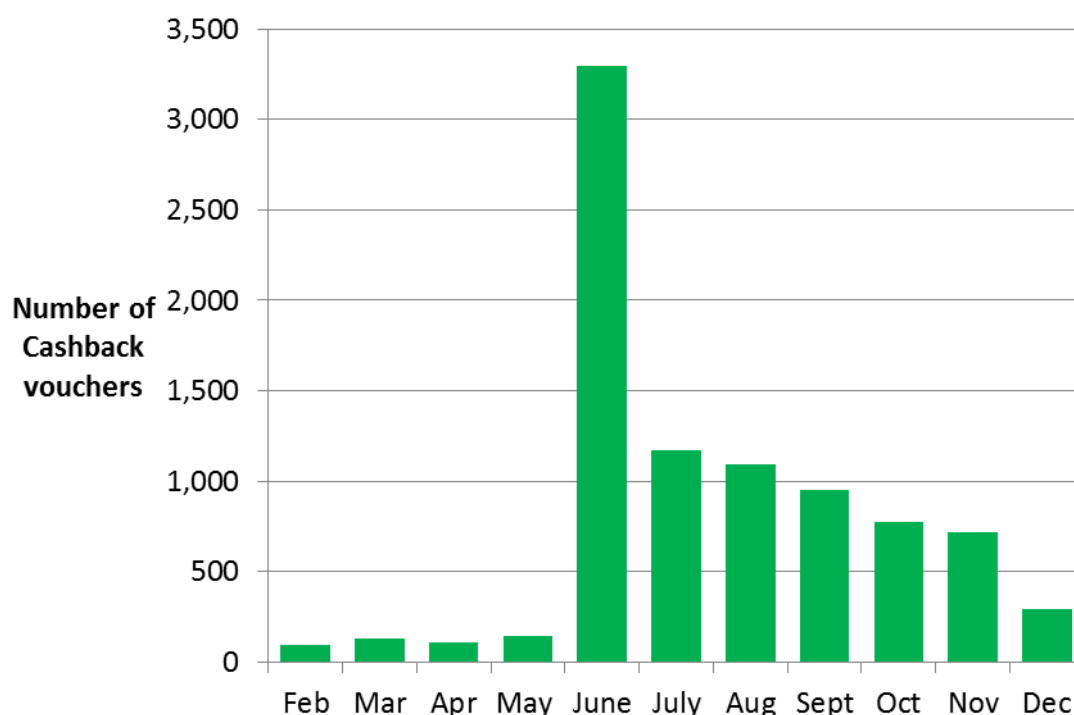
The Cashback scheme has been available since January 2013 in England and Wales. It is a financial incentive specifically aimed to encourage domestic customers to get measures installed through the Green Deal process, although it is the customers' choice whether they decide to take out Green Deal finance or other sources of finance to fund the installation of the measures. For more information on Cashback please see the [Cashback website](#)

Of the 10,563 vouchers issued at the end of December, 8,773 (83 per cent) had been paid following installation of 9,153 measures, with a total value of around £2.5 million (Table 4 and Chart 3).

Customers only receive payments once Providers have confirmed to the Cashback Administrator that the measures have been installed and a large batch of payments were processed in June, hence the higher number in that month.



Chart 3 - Number of Cashback vouchers where payments have been made, by month of installation



Cashback measures where payments have been made (Table 4a)

Table 4a shows that replacement boilers were the main measure where Cashback payments have been made (94 per cent of all Cashback measures installed), whilst a further three per cent were for loft insulation, two per cent were for solid wall insulation and one per cent were for cavity wall insulation. However, more than one measure can be installed in a property and covered by a single Cashback payment.

**ECO measures installed by obligation, up to the end of November (Table 5, Table 5a, Chart 4, Chart 5)**

The [Energy Company Obligation](#) (ECO) was introduced in January 2013 to reduce energy consumption and support people living in fuel poverty. Information on measures installed under ECO is at a lag of a month compared to other figures presented in this release due to the time taken for information to be reported and verified. Hence, data on measures installed under ECO is presented until the end of November 2013.

All measures installed under ECO are provisional until the end of the obligation period as checks are undertaken. Users should note that, in order to produce the most timely data possible, estimates in this report include a month of data that has yet to be through initial Ofgem validation checks (i.e. they are as reported by energy suppliers to Ofgem). Revisions to data are routinely included in releases and will be explained if they are large.

Table 5 shows the provisional number of measures installed under ECO and Chart 4 shows the cumulative total number of measures installed and by [ECO obligation](#) by month of

installation<sup>1</sup>. Overall, 461,726 measures had been installed to the end of November, with 82,131 measures installed in November, which was around 14 per cent higher than the number of measures installed in October (72,258).

The split by obligation shows 35 per cent of measures installed under ECO were delivered through the Carbon Saving Target (CERO), 20 per cent delivered were through Carbon Saving Communities (CSCO) and 45 per cent were delivered through Affordable Warmth (HHCRO<sup>2</sup>). From the end of July to the end of November, the total number of Affordable Warmth measures delivered has more than doubled.

Chart 4 - Provisional cumulative number of ECO measures installed, by obligation, at end of each month

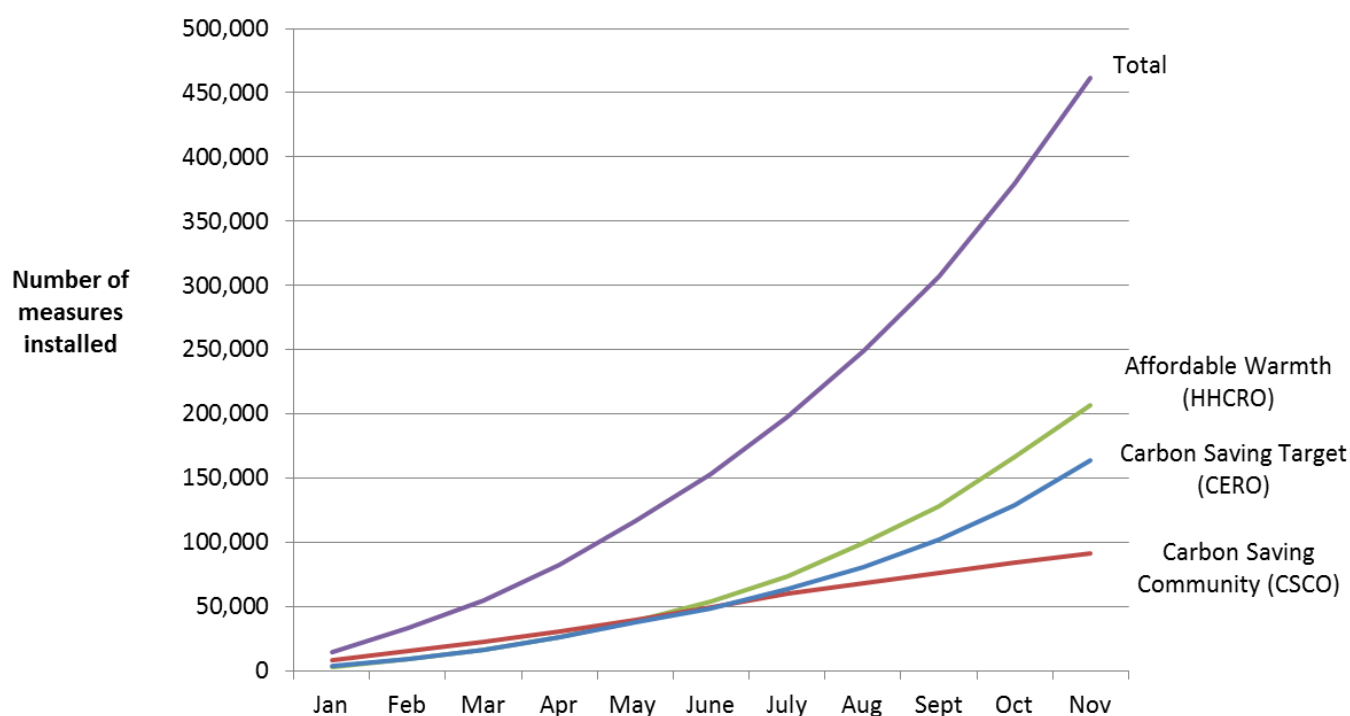
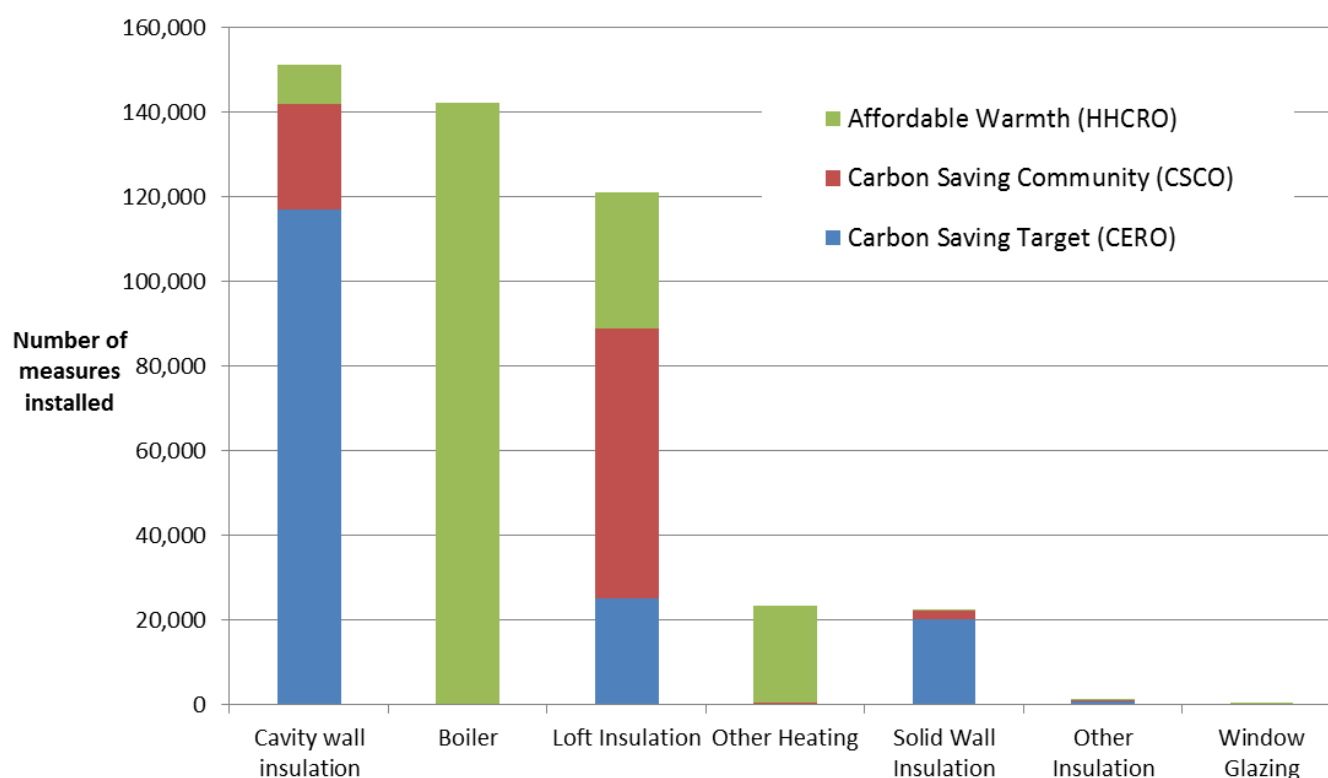


Table 5a and Chart 5 show the provisional number of measures installed under ECO, by measure type and [ECO obligation](#). This shows that the majority of the 461,726 measures installed under ECO were for cavity wall insulation (33 per cent), boiler upgrades (31 per cent) and loft insulation (26 per cent). Overall, 394,370 properties benefitted from one or more ECO measures being installed up to the end of November 2013 (Table 5a).

<sup>1</sup> ECO measures installed in earlier installation months can be notified at a later date under some circumstances. Some notified measures can be reallocated to different ECO obligations and so are subject to change.

<sup>2</sup> Affordable Warmth is also known as Home Heating Cost Reduction Obligation (HHCRO).

Chart 5 - Provisional number of measures installed under ECO, by measure type<sup>3</sup>, by obligation, up to end November



The majority (78 per cent) of the 151,098 cavity wall insulation measures installed were delivered to Hard to Treat cavity wall properties<sup>4</sup>.

The majority (73 per cent) of the 121,079 loft insulation measures installed under ECO up to the end of November were top ups<sup>5</sup>.

Of the 22,313 solid wall measures installed virtually all were External Wall Insulation.

### Measures installed through other finance routes

The figures in Tables 3b (Green Deal) Tables 4a (Cashback) and Table 5a (ECO) do not include estimates of measures installed following a Green Deal Assessment where the measure was financed outside of GD finance, GD Cashback or ECO. Alternative sources of finance may include householder savings or loans; Local Authority funding (such as through the Core Cities or Pioneer Places schemes) and other sources.

However, [research](#) published by DECC on 16 January 2014 on householders who have had a GD assessment between 1st of July and 30th of September (wave 3 of the research) indicated that 65 per cent of households who had a Green Deal assessment reported installing at least one recommended measure, and a further six per cent were in the process

<sup>3</sup> Boilers are only eligible under HHCRO. A full list of measure type eligibility by obligation is published here: <https://www.ofgem.gov.uk/ofgem-publications/83100/ecomeasurestable03102013.pdf>

<sup>4</sup> Hard to Treat cavity wall properties are also sometimes known as 'hard-to-fill'. This means that they cannot be insulated using the same methods and/or products as a standard cavity wall.

<sup>5</sup> Where there was at least 60mm of existing loft insulation.

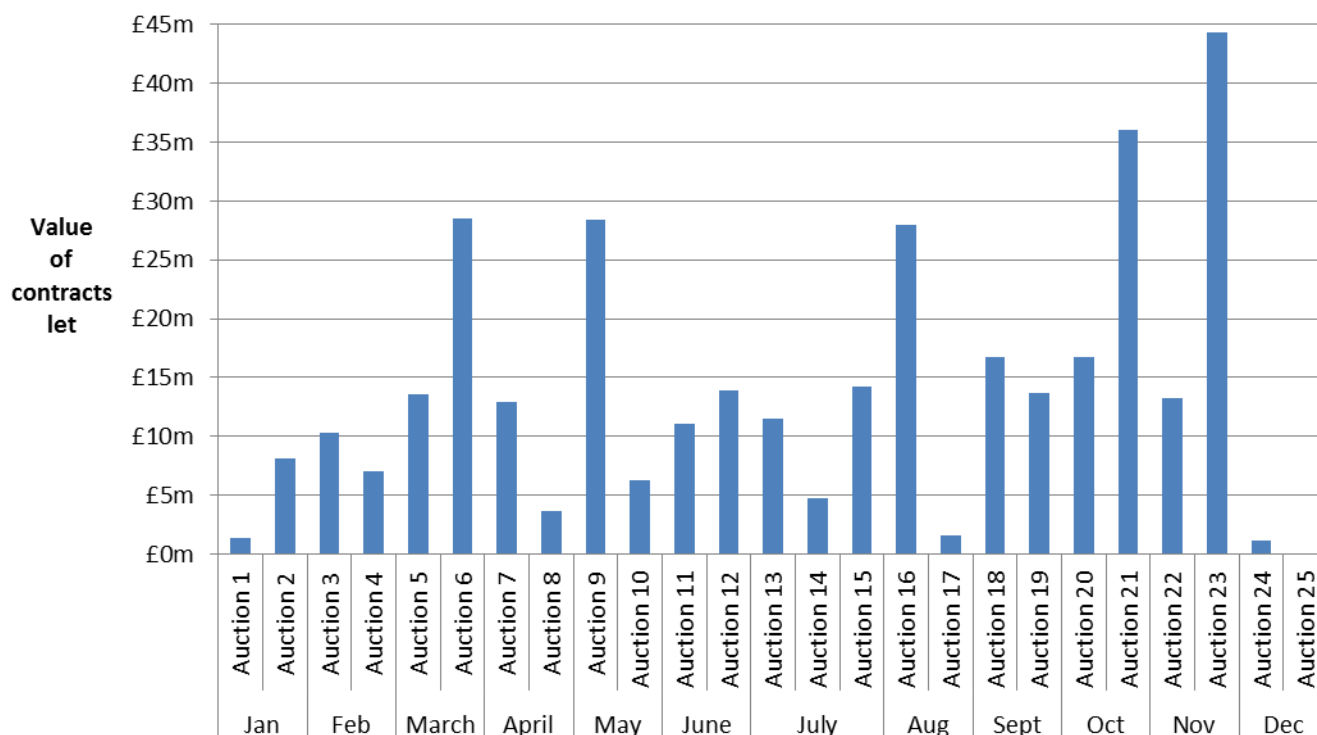
of installing measures. Overall, 81% of households who had a Green Deal assessment said they have, are getting, or intend to install at least one energy saving measure. Results were similar for wave 2 of the research (householders that had an assessment between 1st of April and 30th of June) with 56% of households saying they had installed, 6% in the process of installing and 19% intending to install at least one measure.

Overall, in wave 3, 20% of those who had installed at least one selected measure mentioned any form of self-financing (savings/regular income, loans from bank/building society, loans from installers/providers, mortgage extension or other finance). The figure was similar for wave 2, with 21% indicating they used some form of self-financing. Some of these households indicated that they were applying for Cashback, but these findings suggest there may be a proportion of households installing measures which we will not pick up through our data sources, although the majority who plan to have measures installed have indicated they will be doing so through the GD/ECO framework. We will review this through further research in 2014.

### ECO brokerage, as at the end of December (Table 6, Chart 6)

The [ECO Brokerage](#) system operates as a fortnightly anonymous auction where providers can sell 'lots' of future measures of ECO Carbon Saving Target, ECO Carbon Saving Communities and ECO Affordable Warmth, to energy companies in return for ECO subsidy. Chart 6 shows that up to the end of December there have been 25 auctions, with a total value of contracts let worth £347 million. The low level of brokerage activity in December 2013 is likely to have been affected by uncertainty around the period of the recently announced proposals for a [set of changes to ECO](#).

Chart 6 - Value of ECO brokerage contracts let, by auction

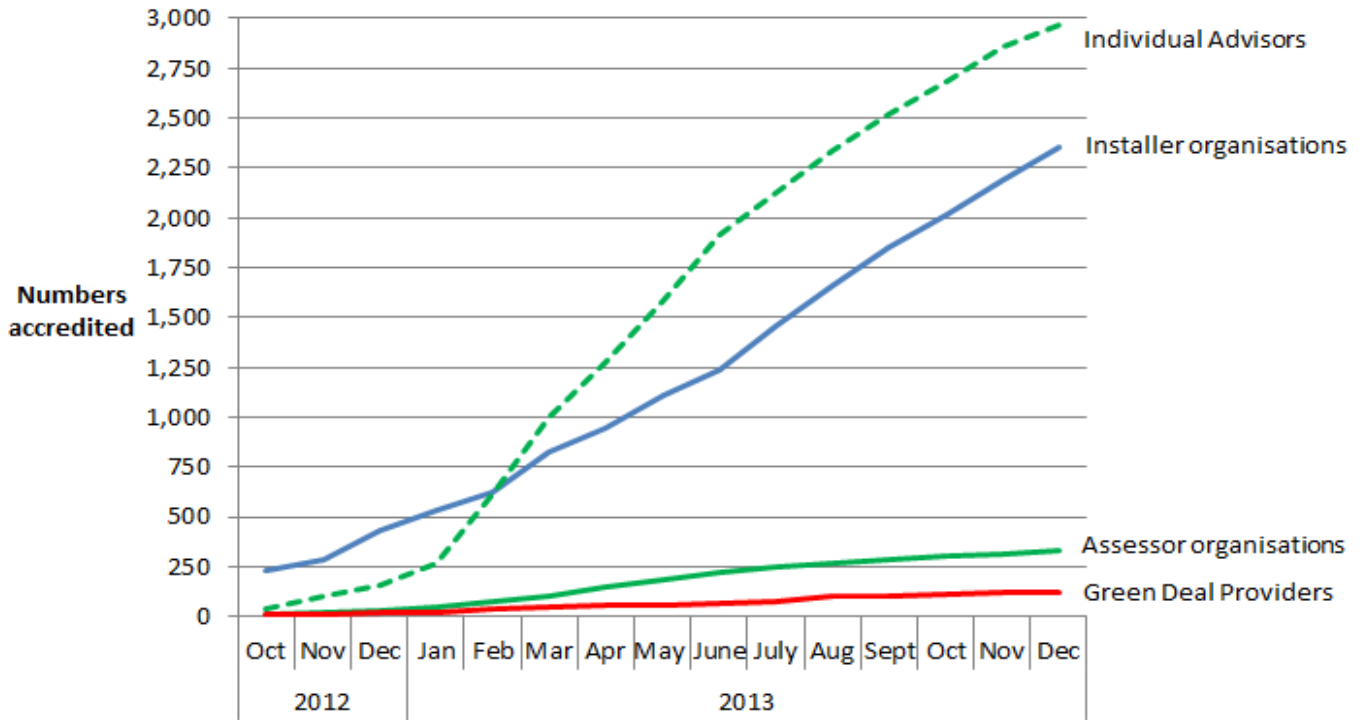


For more detail on the results of each auction, please see [ECO Brokerage](#)

## Supply chain, as at the end of December (Table 7, Chart 7)

The supply chain to support the Green Deal has been developing since October 2012. This includes individual Advisors (who carry out and produce Green Deal Advice Reports) and Assessor organisations (who employ authorised Green Deal Advisors), Green Deal Providers (who quote for and arrange Green Deal Plans with householders and arrange for the measures to be installed), and Installer organisations<sup>6</sup> (who install energy efficiency improvements under the GD finance mechanism). Chart 7 shows the number of organisations and individuals who have been accredited as of the end of each month.

Chart 7 - Development of supply chain (cumulative numbers) at end of each month



The numbers of accredited GD Assessor organisations and individual Advisors has been increasing steadily since December 2012 as individual Assessors complete their training and are accredited. At the end of December 2013<sup>7</sup> there were 331 organisations employing a total of 2,972 Advisors, compared to 48 and 270 respectively at the end of January 2013.

The number of Green Deal Providers has increased to 125 from 25 at the end of January 2013. The number of accredited Installer organisations has increased steadily since the beginning of the year from 531 accredited at the end of January 2013 to 2,353 organisations accredited at the end of December 2013. These organisations will provide a wide range of different measures and in different geographical locations (see [quarterly statistical release](#) for more details).

The Green Deal Oversight and Regulation Body (ORB) produces publically available information on the supply chain, and the latest figures are available by using the search tool on the [ORB website](#). There is also information available on [contacts in local areas](#).

<sup>6</sup> Unlike Advisors in Assessor organisations, individual Installers within an installer organisation do not need to register.

<sup>7</sup> December reporting period is up to the 23rd December 2013.

## Annex A – Tables

**Table 1: Provisional number of measures installed through ECO, Cashback or using Green Deal finance, by month of installation**

Installation Month <sup>1</sup>	Delivery mechanism			Total number of measures installed <sup>3</sup>
	ECO	Cashback	Green Deal	
January 2013 <sup>2</sup>	14,667	0	0	14,667
February 2013	18,833	94	0	18,927
March 2013	21,194	132	0	21,326
April 2013	27,821	110	0	27,931
May 2013	33,865	145	0	34,010
June 2013	36,371	3,333	5	39,709
July 2013	45,267	1,266	7	46,540
August 2013	50,822	1,154	126	52,102
September 2013	58,497	1,010	153	59,660
October 2013	72,258	830	505	73,593
November 2013	82,131	777	393	83,301
<b>Total to date</b>	<b>461,726</b>	<b>8,851</b>	<b>1,189</b>	<b>471,766</b>

<sup>1</sup> Measures installed in earlier installation months can be notified at a later date under some circumstances.

<sup>2</sup> Includes some measures installed between October and December 2012

<sup>3</sup> Some measures may have been installed through more than one delivery mechanism and there is therefore a small level of double counting

**Table 1a: Provisional number of individual households that have had measures installed through ECO, Cashback or using Green Deal finance, by month of installation**

Installation Month <sup>1</sup>	Delivery mechanism			Total number of individual households <sup>3</sup>
	ECO <sup>2</sup>	Cashback	Green Deal	
January 2013 <sup>4</sup>	13,016	0	0	13,016
February 2013	16,804	94	0	16,898
March 2013	18,796	131	0	18,927
April 2013	24,808	109	0	24,917
May 2013	30,483	143	0	30,626
June 2013	32,926	3,298	0	36,224
July 2013	39,968	1,172	1	41,141
August 2013	42,878	1,094	11	43,983
September 2013	49,188	953	45	50,186
October 2013	59,104	776	162	60,042
November 2013	66,399	715	239	67,353
<b>Total to date</b>	<b>394,370</b>	<b>8,485</b>	<b>458</b>	<b>403,313</b>

<sup>1</sup> Measures installed in earlier installation months can be notified at a later date under some circumstances.

<sup>2</sup> Where a household has measures installed in two or more months, the earliest installation month is recorded.

<sup>3</sup> Some households may have had installations through more than one delivery mechanism and there is therefore a small level of double counting.

<sup>4</sup> Includes some measures installed between October and December 2012.

**Table 2: Number of Green Deal Assessments<sup>1</sup>, month and cumulative total, by month**

Month	Total in Month	Cumulative Total
	Green Deal Assessments	Green Deal Assessments
January 2013	74	74
February 2013	1,729	1,803
March 2013	7,491	9,294
April 2013	9,522	18,816
May 2013	12,146	30,962
June 2013	13,517	44,479
July 2013	13,645	58,124
August 2013	13,087	71,211
September 2013	13,967	85,178
October 2013	16,677	101,855
November 2013	15,599	117,454
December 2013	12,388	129,842

<sup>1</sup> As measured by the number of Green Deal Advice Reports lodged on the central register against unique property.



**Table 3: Number of Green Deal Plans<sup>1,2,3</sup> in unique properties, cumulative total by month**

Month	'New' <sup>1</sup> Green Deal Plans	'Pending' <sup>2</sup> Green Deal Plans	'Live' <sup>3</sup> Green Deal Plans	'Total' <sup>4</sup> Green Deal Plans
May 2013	98	2	0	100
June 2013	270	36	0	306
July 2013	286	132	1	419
August 2013	293	372	12	677
September 2013	392	505	57	954
October 2013	360	594	219	1,173
November 2013	448	572	458	1,478
December 2013	493	493	626	1,612

<sup>1</sup> A 'new' Green Deal Plan is after a customer has obtained a quote from a Green Deal Provider and confirmed they wish to proceed.

<sup>2</sup> A 'pending' Green Deal is when a Green Deal Plan has been signed by the customer, progress is being made to install Green Deal Plan measures (measures are installed during the 'pending' stage) and the Plan is being finalised so that charging can start.

<sup>3</sup> A 'live' Green Deal Plan is after all the measures have been installed in the property, the information required to disclose the Plan to future bill payers has been attached to the Plan and the energy supplier has all the information required to bill Green Deal charges.

<sup>4</sup> Total Green Deal Plans are the total number of Plan identifiers for unique properties on the Central Charge Database at the end of reporting month.

**Table 3a: Number of measures installed using Green Deal finance<sup>1 2</sup>, month and cumulative total<sup>3</sup>, by month<sup>4</sup>**

	Total in Month	Cumulative Total
Installation Month	Green Deal Measures	Green Deal Measures
June 2013	5	5
July 2013	7	12
August 2013	126	138
September 2013	153	291
October 2013	505	796
November 2013	393	1,189
December 2013	283	1,472

<sup>1</sup> As measured by the number of measures installed using Green Deal finance where a Green Deal Plan has gone 'live'.

<sup>2</sup> There may be a number of measures which have also been reported under ECO or Cashback.

<sup>3</sup> The number of measures installed using Green Deal finance in earlier installation months are subject to revision as Green Deal Plans may become 'live' after the month of installation.

<sup>4</sup> The number of measures installed using Green Deal finance in any month other than the latest month are not directly comparable with the number of 'live' Green Deal Plans for each of those respective months. This is because some measures may have been installed in a month previous to when the corresponding Green Deal Plan went 'live'.

**Table 3b: Number of measures installed using Green Deal finance<sup>1 2</sup>, up to end of December 2013**

Measure Types	Total number of Measures installed using Green Deal finance	Percentage of Measures
<b>Boiler</b>	<b>474</b>	<b>32</b>
Condensing bottled LPG boiler	1	0
Condensing bulk LPG (not community) boiler	2	0
Condensing gas boiler	199	14
Condensing gas boiler with flue gas heat recovery	2	0
Condensing mains gas (not community) boiler	269	18
Condensing oil boiler	1	0
<b>Cavity wall insulation</b>	<b>26</b>	<b>2</b>
<b>Loft Insulation</b>	<b>140</b>	<b>10</b>
<b>Micro-generation</b>	<b>328</b>	<b>22</b>
Photovoltaics	328	22
<b>Other Heating</b>	<b>129</b>	<b>9</b>
Heating controls	129	9
<b>Other Insulation</b>	<b>114</b>	<b>8</b>
Hot water cylinder insulation	71	5
Hot water cylinder thermostat	36	2
Under Floor Insulation	7	0
<b>Solid Wall Insulation</b>	<b>260</b>	<b>18</b>
External wall insulation	259	18
Internal wall insulation	1	0
<b>Window Glazing</b>	<b>1</b>	<b>0</b>
<b>Total<sup>3</sup></b>	<b>1,472</b>	<b>100</b>

<sup>1</sup> As measured by the number of measures installed using Green Deal finance where a Green Deal Plan has gone 'live'.

<sup>2</sup> There may be a small number of measures which have also been reported under ECO or Cashback.

<sup>3</sup> The number of measures installed using Green Deal finance in earlier installation months are subject to revision as Green Deal Plans may become 'live' after the month of installation.

**Table 4: Number and value of Cashback vouchers paid, month and cumulative total, by month, England and Wales only**

Installation Month	Vouchers issued <sup>1</sup>	Payments made <sup>2</sup>	
	Number	Number	Value (£)
February 2013		94	25,380
March 2013		131	35,370
April 2013		109	29,510
May 2013		143	40,192
June 2013		3,298	895,135
July 2013		1,172	330,430
August 2013		1,094	304,176
September 2013		953	265,019
October 2013		776	223,368
November 2013 <sup>3</sup>		715	219,589
December 2013		288	88,777
<b>Total to date <sup>4</sup></b>	<b>10,563</b>	<b>8,773</b>	<b>2,456,944</b>

<sup>1</sup> Cashback vouchers issued data cannot be broken down to the same level of detail. The 10,563 cashback vouchers issued up to the end of December equates to a total budget committed of around £3.3m.

<sup>2</sup> Numbers of Cashback vouchers paid in earlier installation months are subject to revision as Cashback redemptions can be paid in months after the month of installation.

<sup>3</sup> The numbers of Cashback vouchers paid for measures installed in November has been revised from 347 to 715. This is due to Cashback redemptions being paid in later months.

<sup>4</sup> The Cashback Exception Process has additionally paid 172 vouchers, totalling £83,869.97 for solid wall insulation and warm air heating measures where those recommended measures are not displayed on the EPC.

**Table 4a: Number of measures installed with Cashback<sup>1</sup>, up to end of December 2013, England and Wales only**

	Total number of Cashback measures delivered	Percentage of Measures
<b>Boiler</b>	<b>8,569</b>	<b>94</b>
Gas Boiler	8,506	93
Oil Boiler	63	1
<b>Cavity wall insulation</b>	<b>108</b>	<b>1</b>
<b>Loft Insulation</b>	<b>277</b>	<b>3</b>
Loft Insulation	276	3
Room in Roof Insulation	1	0
<b>Other Heating</b>	<b>4</b>	<b>0</b>
Electric Storage Heaters	0	0
Flue Gas Heat Recovery Devices	0	0
Heating Controls	4	0
Warm Air Units	0	0
Waste water heat recovery systems	0	0
<b>Other Insulation</b>	<b>24</b>	<b>0</b>
Draught Proofing	8	0
Flat Roof Insulation	1	0
Hot Water Cylinder Insulation	5	0
Passageway Walk-through Doors	8	0
Under Floor Insulation	2	0
<b>Solid Wall Insulation</b>	<b>147</b>	<b>2</b>
<b>Window Glazing</b>	<b>24</b>	<b>0</b>
Double Glazing	24	0
Secondary Glazing	0	0
<b>Total number of measures</b>	<b>9,153</b>	<b>100</b>

<sup>1</sup> More than one measure can be installed with Cashback per unique property.

**Table 5: Provisional number of ECO measures installed, by obligation, by month**

Installation Month <sup>3</sup>	Obligation			Total number of ECO measures installed
	Carbon Saving Target (CERO)	Carbon Saving Community <sup>2</sup> (CSCO)	Affordable Warmth (HHCRO)	
January 2013 <sup>1</sup>	3,981	7,981	2,705	14,667
February 2013	5,300	7,446	6,087	18,833
March 2013	6,635	7,155	7,404	21,194
April 2013	10,115	7,830	9,876	27,821
May 2013	12,138	9,526	12,201	33,865
June 2013	10,463	9,868	16,040	36,371
July 2013	15,288	10,542	19,437	45,267
August 2013	17,235	7,685	25,902	50,822
September 2013	21,220	8,541	28,736	58,497
October 2013	26,866	7,614	37,778	72,258
November 2013	34,618	7,255	40,258	82,131
<b>Total to date</b>	<b>163,859</b>	<b>91,443</b>	<b>206,424</b>	<b>461,726</b>

<sup>1</sup> Includes some measures installed between October and December 2012.

<sup>2</sup> May figure includes one measure installed under the 'rural' sub-obligation of CSCO  
June figure includes eight measures installed under the 'rural' sub-obligation of CSCO  
July figure includes one measure installed under the 'rural' sub-obligation of CSCO  
September figure includes 14 measures installed under the 'rural' sub-obligation of CSCO  
October figure includes 27 measures installed under the 'rural' sub-obligation of CSCO  
November figure includes 39 measures installed under the 'rural' sub-obligation of CSCO.

<sup>3</sup> ECO measures installed in earlier installation months can be notified at a later date under some circumstances. Some notified measures can be reallocated to different ECO obligations and so are subject to change.

**Table 5a: Provisional number of ECO measures installed<sup>1</sup>, by measure type, by obligation, up to end November 2013**

Measure Types <sup>2</sup>	Obligation			Total number of ECO measures delivered	Percentage of ECO Measures
	Carbon Saving Target (CERO)	Carbon Saving Community <sup>3</sup> (CSCO)	Affordable Warmth (HHCRO)		
<b>Boiler</b>	<b>N/A</b>	<b>N/A</b>	<b>142,287</b>	<b>142,287</b>	<b>30.8</b>
Installation of a Non qualifying boiler	N/A	N/A	1,601	1,601	0.3
Repair qualifying boiler 1 year warranty	N/A	N/A	11	11	0.0
Repair qualifying boiler 2 year warranty	N/A	N/A	388	388	0.1
Replacement qualifying boiler	N/A	N/A	140,287	140,287	30.4
<b>Cavity wall insulation</b>	<b>117,039</b>	<b>25,046</b>	<b>9,013</b>	<b>151,098</b>	<b>32.7</b>
Standard CWI	869	24,001	8,930	33,800	7.3
HTTC: Cavity wall insulation solution	115,61				
	0	1,045	83	116,738	25.3
HTTC: Solid wall insulation solution	560	0	0	560	0.1
<b>Loft Insulation</b>	<b>25,188</b>	<b>63,647</b>	<b>32,244</b>	<b>121,079</b>	<b>26.2</b>
Loft Insulation Ceiling Level Virgin	9,174	16,422	7,131	32,727	7.1
Loft Insulation Ceiling Level Topup	15,980	47,162	25,043	88,185	19.1
Loft Insulation Rafter	15	14	64	93	0.0
Room in Roof Insulation	19	49	6	74	0.0
<b>Micro-generation</b>	<b>N/A</b>	<b>N/A</b>	<b>0</b>	<b>0</b>	<b>0.0</b>
Air Source Heat Pumps	N/A	N/A	0	0	0.0
Biomass Boilers	N/A	N/A	0	0	0.0
Ground Source Heat Pumps	N/A	N/A	0	0	0.0
Micro CHP	N/A	N/A	0	0	0.0
Micro hydro	N/A	N/A	0	0	0.0
Micro wind	N/A	N/A	0	0	0.0
Photovoltaics	N/A	N/A	0	0	0.0
<b>Other Heating</b>	<b>209</b>	<b>395</b>	<b>22,824</b>	<b>23,428</b>	<b>5.1</b>
Electric Storage Heaters	N/A	N/A	11	11	0.0
DHS: Biomass boiler new connections	0	24	0	24	0.0
DHS: Biomass boiler upgrades	0	0	0	0	0.0
DHS: CHP new connections	85	16	0	101	0.0
DHS: CHP upgrades	0	0	0	0	0.0
DHS: Gas/Oil boiler new connections	104	185	0	289	0.1
DHS: Gas/Oil boiler upgrades	20	170	0	190	0.0
DHS: heat meters	0	0	0	0	0.0
Flue Gas Heat Recovery Devices	N/A	N/A	0	0	0.0
Heat Recovery Ventilation	N/A	N/A	0	0	0.0
Heating Controls	N/A	N/A	22,813	22,813	4.9
Radiator Panels	N/A	N/A	0	0	0.0
Warm Air Units	N/A	N/A	0	0	0.0

<b>Other Insulation</b>	<b>840</b>	<b>399</b>	<b>45</b>	<b>1,284</b>	<b>0.3</b>
Flat Roof Insulation	85	24	0	109	0.0
Draught Proofing	586	79	32	697	0.2
Hot Water Cylinder Insulation	130	115	N/A	245	0.1
Passageway Walk-through Doors	0	0	0	0	0.0
Pipework Insulation	0	0	0	0	0.0
Under Floor Insulation	39	181	13	233	0.1
<b>Solid Wall Insulation</b>	<b>20,351</b>	<b>1,952</b>	<b>10</b>	<b>22,313</b>	<b>4.8</b>
External wall insulation: Solid brick walls, built from 1967	3,893	327	0	4,220	0.9
External wall insulation: Solid brick walls, built pre 1967	9,104	1,304	10	10,418	2.3
External wall insulation: Solid non-brick walls	6,755	286	0	7,041	1.5
Internal wall insulation: Solid brick walls, built from 1967	30	2	0	32	0.0
Internal wall insulation: Solid brick walls, built pre 1967	358	33	0	391	0.1
Internal wall insulation: Solid non-brick walls	144	0	0	144	0.0
Park Home External wall insulation	67	0	0	67	0.0
<b>Window Glazing</b>	<b>232</b>	<b>4</b>	<b>1</b>	<b>237</b>	<b>0.1</b>
<b>Total number of measures</b>	<b>163,859</b>	<b>91,443</b>	<b>206,424</b>	<b>461,726</b>	<b>100</b>
<b>Total number of unique properties</b> <sup>4 5</sup>	<b>136,705</b>	<b>83,353</b>	<b>176,766</b>	<b>394,370</b>	

<sup>1</sup> As reported by energy suppliers to Ofgem in their monthly returns. Please see the accompanying [Methodology Note](#) for more details.

<sup>2</sup> Please see [Ofgem's guidance](#) for suppliers for more details on eligible measures

<sup>3</sup> Includes 90 measures installed under the 'rural' sub-obligation of CSCO, including 16 standard CWI and two hard-to-treat CWI, 33 virgin loft insulation, 34 topup loft insulation installations, four draught proofing installations and one under floor insulation.

<sup>4</sup> The addresses where 15 ECO measures were installed is unknown. As it is not known whether these are unique properties they have been excluded from this total. Also some ECO measures were installed in properties without recording the full address (i.e. blocks of flats), so there may be more unique properties than is recorded here.

<sup>5</sup> The total number of unique properties by obligation does not equal the total number of unique properties overall, as some properties have measures installed under more than one obligation



**Table 6: Number of ECO brokerage auctions<sup>1</sup> and total amount traded, by month**

Month	Number of auctions	Total amount traded
January 2013	2	£9.5m
February 2013	2	£17.4m
March 2013	2	£42.0m
April 2013	2	£16.6m
May 2013	2	£34.6m
June 2013	2	£25.0m
July 2013	3	£30.5m
August 2013	2	£29.5m
September 2013	2	£30.4m
October 2013	2	£52.9m
November 2013	2	£57.6m
December 2013	2	£1.2m
<b>Total to date</b>	<b>25</b>	<b>£347.0m</b>

<sup>1</sup> ECO brokerage auctions are scheduled to take place on a fortnightly basis.

**Table 7: Number<sup>1</sup> of accredited Assessor organisations, individual Advisors, Green Deal Providers, and Installer organisations, cumulative totals by month**

Month <sup>2</sup>	Assessor organisations	Individual Advisors	Green Deal Providers	Installer organisations
October 2012	13	40	8	231
November 2012	18	100	15	285
December 2012	29	159	20	429
January 2013	48	270	25	531
February 2013	77	618	40	629
March 2013	108	1,003	48	831
April 2013	152	1,274	55	942
May 2013	182	1,582	60	1,108
June 2013	226	1,919	66	1,234
July 2013	248	2,129	79	1,457
August 2013	269	2,332	101	1,662
September 2013	286	2,517	107	1,853
October 2013	302	2,687	112	2,020
November 2013	314	2,855	123	2,190
December 2013 <sup>3</sup>	331	2,972	125	2,353

<sup>1</sup> Numbers include domestic, both domestic and non-domestic and a small number of non-domestic only participants.

<sup>2</sup> Months are approximate as they are based on numbers up to the end of the last full week in the month.

<sup>3</sup> December reporting period is up to the 23rd December 2013

# Annex B – Background

## Green Deal

The [Green Deal](#) (GD) was launched on 28 January 2013 in England and Wales (and on 25 February in Scotland) and will tackle a number of the key barriers to the take-up of energy efficiency measures.

Customers having Green Deal Assessments undertaken have the choice of how they proceed. They might take the view that their home is sufficiently energy efficient, or that they want to finance work through a Green Deal Plan or that they want to use alternative funding arrangements (e.g. use of savings).

The Green Deal process for households is briefly described below:

**Step 1 – Assessment** – A Green Deal assessor will come to the home, talk to the owner/occupier about their energy use and see if they can benefit from making energy efficiency improvements to their property.

**Step 2 – Recommendations** – The assessor will recommend improvements that are appropriate for the property and indicate whether they are expected to pay for themselves through reduced energy bills.

**Step 3 – Quotes** – Green Deal Providers will discuss with the owner/occupier whether a Green Deal Plan is right for them and quote for the recommended improvements, including the savings estimates, savings period, first year instalments and payment period for each improvement. A number of quotes can be obtained.

**Step 4 – Signing a Plan** – The customer chooses to proceed with a given provider and package of measures. The owner/occupier needs to obtain the necessary consent to make improvements to the property before they can agree terms with the GD Provider of a Green Deal Plan<sup>8</sup>, at which stage they enter a cooling-off period<sup>9</sup>.

**Step 5 – Installation** – Once a Green Deal Plan has been agreed, the Provider will arrange for the improvements to be made by a Green Deal Installer. Once the installation has been completed a letter is sent to the Bill Payer and, at this stage, the Green Deal Plan goes 'live'.

Repayments will be no more than what a typical household should save in energy costs.

It has only been possible for Green Deal Providers to request Plans once commercial agreements between the Green Deal Finance Company and Green Deal Providers have been agreed. It took Green Deal Providers some time to prepare their businesses to bring offers to the market with Green Deal Plans being created from May onwards for the small number of GD Providers who have finalised their offer to date.

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<sup>8</sup> The Plan is a contract between the owner/occupier and the Provider – it sets out the work that will be done and the repayments.

<sup>9</sup> For example, in the case of a Green Deal Plan that is regulated by the Consumer Credit Act 1974, the consumer will have 14 days to withdraw from the part of the Green Deal Plan which provides credit.

For those who choose Green Deal finance, there are **three stages** in the life cycle of a Green Deal Plan for which reports are generated.

- the **first stage** (a 'new' Green Deal Plan) is after a customer has obtained a quote from a Green Deal Provider and confirmed they wish to proceed. The Green Deal Provider has then successfully requested a Green Deal Plan record prior to signature by the customer. It is possible that more than one Green Deal Plan may be requested for each household.
- the **second stage** (a 'pending' Green Deal Plan) is when a Green Deal Plan has been signed by the customer, progress is being made to install Green Deal Plan measures and the Plan is being finalised so that charging can start.
- the **final stage** (a 'live' Green Deal Plan) is after the measures have been installed in the property, the information required to disclose the Plan to future bill payers has been attached to the Plan and the energy supplier has all the information required to bill Green Deal charges. At this stage the daily charge has been confirmed along with the date from when the charge will be accrued on their electricity bill.

## Energy Company Obligation

The [Energy Company Obligation](#) (ECO) started on 1 January 2013 (although energy companies have been able to count against their targets measures delivered since 1 October 2012) and runs to 31 March 2015. It broadly takes over from two previous schemes (Carbon Emissions Reduction Target - CERT - and Community Energy Saving Programme - CESP) and focuses on providing energy efficiency measures to low income and vulnerable consumers and those living in 'hard-to-treat' properties.

There are three main ECO obligations – The Carbon Saving Target (CERO); Carbon Saving Communities (CSCO) and Affordable Warmth (HHCRO).

Carbon Saving Target - This covers the installation of measures like solid wall and hard-to-treat cavity wall insulation, which ordinarily can't be financed solely through the Green Deal.

Carbon Saving Communities Obligation - This provides insulation measures to households in specified areas of low income. It also makes sure that 15 per cent of each supplier's obligation is used to upgrade more hard-to-reach low-income households in rural areas.

Affordable Warmth Obligation - This provides heating and insulation measures to consumers living in private tenure properties who receive particular means-tested benefits. This obligation supports low-income consumers who are vulnerable to the impact of living in cold homes, including the elderly, disabled and families.

The Government has recently announced proposals for a [set of changes to ECO](#). These include: extending through to 2017, with new targets; reducing the ambition of the Carbon Saving Target element; and allowing new measures (loft and standard cavity wall insulation, and district heating) to be eligible under that element. The Government plans to consult on these proposals early in 2014, and intends that changes should take effect as from 1 April 2014.

## How do the Green Deal and ECO interact?

Following a GD Assessment there will be a range of measures which could improve the energy efficiency of the property. Some of these could be paid for through GD finance, up to the point where the expected annual cost will not exceed what a typical household should save in energy costs. However, depending on the measure or the property, other sources of finance may also be required. ECO funding could be one of these sources, for example for measures such as Solid Wall Insulation and hard-to-treat Cavity Wall insulation.

### **Green Deal Cashback**

The Green Deal Cashback Scheme rewards the first Green Deal customers. It is a first-come, first served offer where householders can claim cash back from Government on energy saving improvements like insulation, front doors, windows and boilers with packages worth over £1000. It is available for households in England and Wales. For more information on Cashback please see the [Cashback website](#). For more information on the separate scheme that operates in Scotland please see the relevant [website](#).

### **ECO Brokerage**

The [ECO Brokerage](#) system operates as a fortnightly anonymous auction where GD Providers can sell 'lots' of future measures of ECO Carbon Saving Target, ECO Carbon Saving Communities and ECO Affordable Warmth, to energy companies in return for ECO subsidy.

This market-based mechanism has been introduced to support an open and competitive market for the delivery of the ECO. Brokerage allows a range of Green Deal providers to fairly compete on price to attract ECO support and enables energy suppliers to deliver their obligations at the lowest possible cost, thereby reducing the impact on customer energy bills.

Sellers (GD Providers) can make a competitive offer on brokerage by leveraging additional sources of finance, such as part funding measures through Green Deal Finance, partnerships with local authorities, or driving down costs by economies of scale.

### **The Supply Chain**

To understand more about the organisations and infrastructure underpinning the Green Deal, this report also includes a section summarising the trends in the number of Green Deal Advisors (and Assessor organisations), the number of Green Deal Providers and the number of Green Deal Installer organisations.

## Annex C – Sources and Methodology

The estimates in this and future Statistical Release use administrative data generated as part of the Green Deal and Energy Company Obligation processes.

There are seven main sources of information:

- Landmark – who manage the national lodgement of Green Deal Assessments in England and Wales
- Energy Savings Trust (EST) – who manage the national lodgement of Green Deal Assessments in Scotland
- Green Deal Central Charge Database – which manages the recording and administration of Green Deal Plans
- Ofgem – who administer the Energy Company Obligation and collect information from energy companies on measures installed under ECO.
- The Green Deal Oversight and Regulation Body (ORB) – who administer the certification of GD organisations (including assessors, installers and providers)
- Data on ECO brokerage is publically available following each auction.
- Capita – who administer the [Green Deal Cashback Scheme](#)

This report uses data from Landmark and the Energy Savings Trust for numbers of lodged Assessments and on measures installed using Green Deal finance, data from the Central Charge Database on Green Deal Plans, data from the Cashback Scheme Administrator on Cashback vouchers issued and measures installed, data from Ofgem on ECO measures, data from the ORB for the supply chain and the published data on ECO brokerage.

### Experimental Statistics

These estimates are released as Experimental Statistics which means they are official statistics undergoing an evaluation process prior to being assessed as National Statistics. They are published in order to involve users and stakeholders in their development, and as a means to build in quality assurance during development.

More information on the methodology is included [here](#).

As with any new data collection, there are likely to be some data quality issues to resolve as the process beds in. Therefore data in these monthly releases should be treated as provisional and subject to revision.

Any revisions will be marked in the data tables and for any significant revisions we will provide an explanation of the main reasons.

## Further Information and Feedback

Any enquiries or comments in relation to this statistical release should be sent to DECC's Green Deal Statistics Team at the following email address: [EnergyEfficiency.Stats@decc.gsi.gov.uk](mailto:EnergyEfficiency.Stats@decc.gsi.gov.uk)

Contact telephone: 0300 068 5202

The statistician responsible for this publication is Matt Walker.

Further information on energy statistics is available at <https://www.gov.uk/government/organisations/department-of-energy-climate-change/about/statistics>

## Next Releases

All future publications of this series will be released mid-month to cover the preceding month, with publication dates available on the gov.uk website.

The next monthly publication is planned for publication at 9.30am on **20 February 2013** and will contain the latest available information on the number of Assessments and Green Deal Plans, Cashback vouchers spent, measures installed, a summary of ECO brokerage and an overview of the supply chain.

The next quarterly publication is planned for publication at 9.30am on **20 March 2013** and will contain more detailed information on activity up to the end of December, including geographic breakdowns of Green Deal Assessments and ECO measures. We will look to include estimates of measures installed through alternative finance mechanisms if we have sufficiently robust evidence. We are also currently investigating whether it would be suitable to publish sub-Local Authority data as part of this quarterly release series.

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