

The Green Deal

NOVEMBER 2011, ISSUE 1



Stroma Certification Ltd have been accepted to participate in the pilot accreditation project for certification of **Green Deal Installers** and **Green Deal Advisor** services.



STROMA[®]
CERTIFICATION

www.stroma.com/certification/greendeal

The Energy Bill received Royal Assent and became the Energy Act 2011 on the 18 October 2011.

The Energy Act provides for a step change in the provision of energy efficiency measures to homes and businesses, and makes improvements to legislative frameworks to enable secure low-carbon energy supplies and fair competition in the energy markets.

The Energy Act includes provisions on:

The Green Deal

- Creating a new financial framework that enables the provision of fixed improvements to the energy efficiency of households and non-domestic properties, funded by a charge on energy bills that avoids the need for consumers to pay upfront costs.

The Private Rented Sector

- From April 2016, private residential landlords will be unable to refuse a tenant's reasonable request for consent to energy efficiency improvements where a finance package, such as the Green Deal and/or the Energy Company Obligation (ECO), is available.
- Provisions in the Act also provide for powers to ensure that from April 2018, it will be unlawful to rent out a residential or business premise that does not reach a minimum energy efficiency standard (the intention is for this to be set at EPC rating 'E').

Energy Company Obligation (ECO)

The Act amends existing powers in the Gas Act 1986, Electricity Act 1989 and the Utilities Act 2000 to enable the Secretary of State to create a new ECO that will:

- Take over from existing obligations to reduce carbon emissions (the Carbon Emissions Reduction Target (CERT) and Community Energy Saving Programme (CESP)), which expire at the end of 2012.
- Work alongside the Green Deal finance offer by targeting appropriate measures at those households likely to need additional support – in particular those containing vulnerable people on low incomes and in hard-to-treat housing.

To assist in the promotion and launch of the Green Deal, the Department of Energy and Climate Change (DECC) and United Kingdom Accreditation Service (UKAS) have enabled a pilot scheme under Green Deal Scheme EN 45011.

DECC believes the Green Deal will revolutionise the energy efficiency of British properties.

All households and businesses will be entitled to an energy efficiency assessment, carried out by a **certified assessor (Green Deal Advisor)**.

Following assessment, consumers may be offered energy efficiency improvements at no up-front cost. Instead, the value of the investment can potentially be recouped through mechanisms such as a charge on the energy bill, fixed to the property.

Certified Green Deal Installers will install the measures to the highest quality assured standards to ensure the energy efficiency measures deliver genuine carbon and energy bill savings, with the confidence that the advice, products and service received is from reliable and accredited sources.

The repayment and follow up of the Green Deal finance will be a charge added to the energy meter installed at the property, which enables the occupier to repay via their energy bill.

This repayment obligation sits with the property and transfers to any new occupier.



The Green Deal will require a large number of certified advisors and installers to improve energy efficiency, energy security and enable low-carbon technologies required for each property.

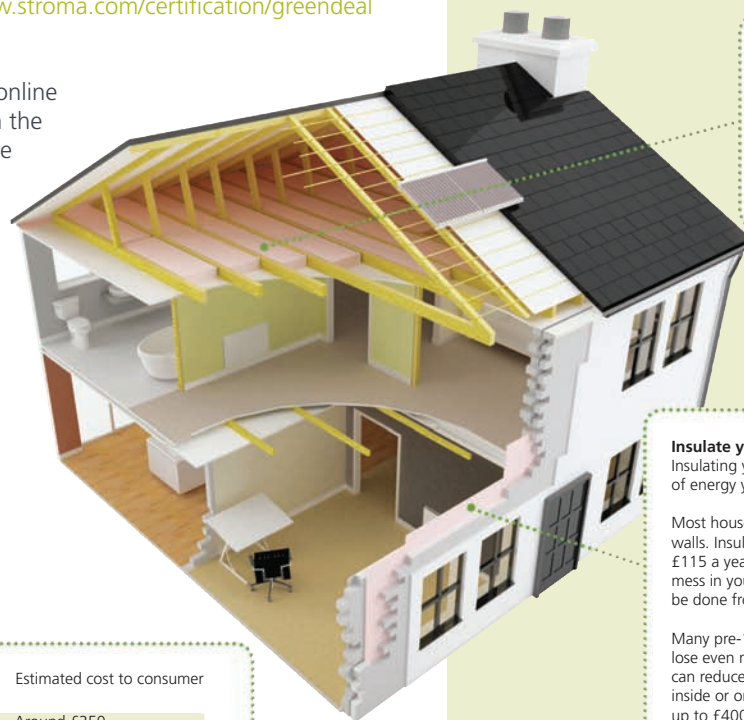
Stroma Certification Ltd. have been accepted to participate in the pilot accreditation project for certification of Green Deal Installers and Green Deal Advisor services.

With a long standing reputation within the industry as a leading certification body with extensive certification schemes such as Energy Assessment, Competent Person Scheme (CPS) and Microgeneration Certification Schemes (MCS) approved by the Department of Communities and Local Government (DCLG) and DECC, Stroma Certification Ltd. are in the perfect position to offer advisors and installers a cohesive platform of support and exposure within the Green Deal market.

It is expected that DECC will introduce the Green Deal by October 2012, with access to finance from Autumn 2012 onwards.

Stroma Certification Ltd. provide up to date information, and training to support the progression of the Green Deal scheme further information can be found on www.stroma.com/certification/greendeal

You can also register your details online to receive on going information in the form of newsletters, as the scheme progresses.



Insulate your loft
By making sure that your loft insulation is at least 270mm thick your home will stay warmer for longer and you won't need to heat your home for as long – cutting your heating bills for years to come.

Insulate your walls
Insulating your walls will reduce the amount of energy you need to heat your home.
Most houses built after 1930 have cavity walls. Insulating these can save you around £115 a year. It's simple, quick and makes no mess in your home as the work can usually be done from the outside.

Many pre-1930 homes have solid walls which lose even more heat than cavity walls. You can reduce this by insulating them on the inside or on the outside and it could save you up to £400 a year.

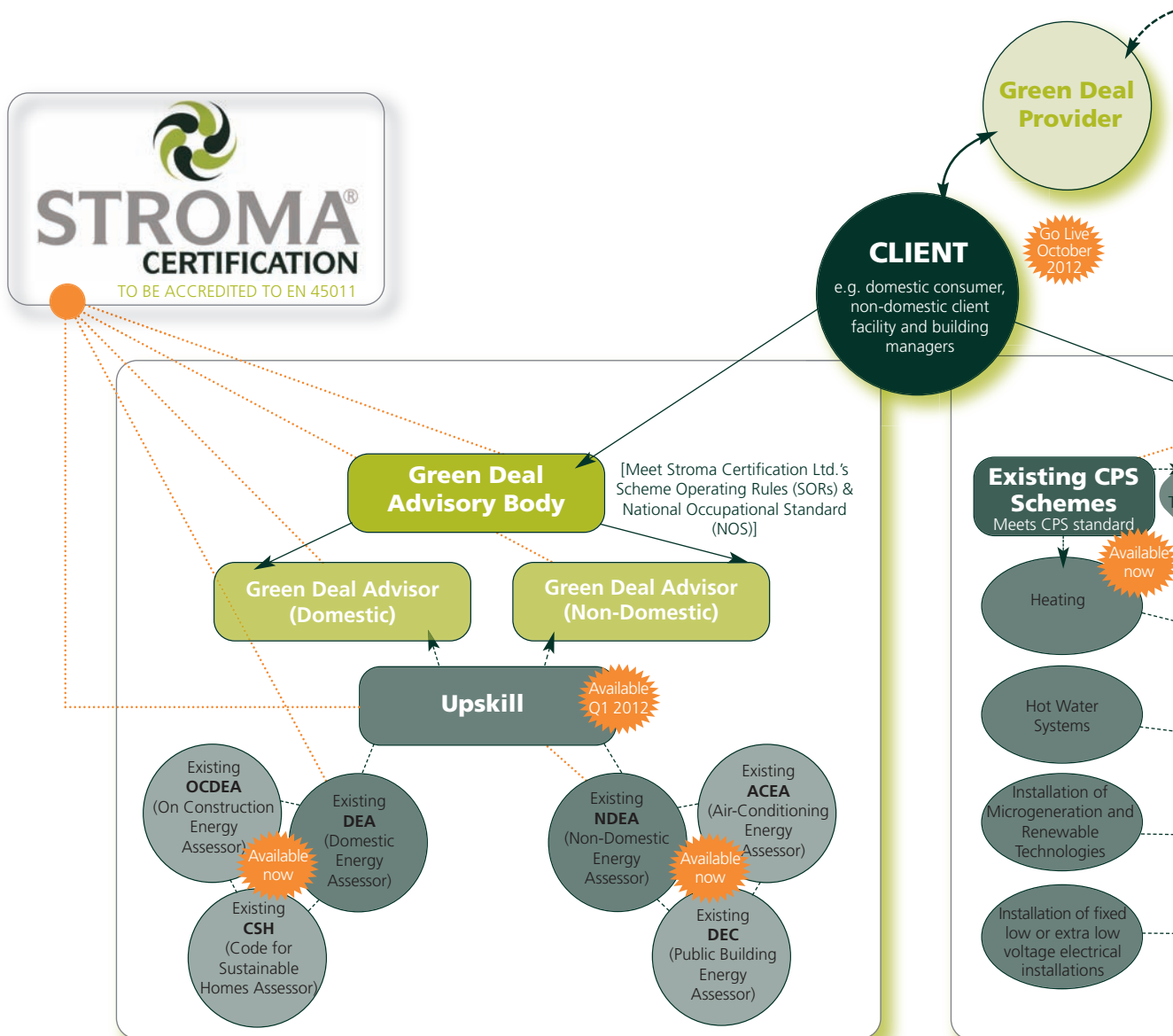
Measure	Savings (£/year)	Estimated cost to consumer
Loft insulation top up	Around £45	Around £250
Cavity wall insulation	Around £115	Around £250
Internal wall insulation	Around £380	£5000-£7000
External solid wall insulation	Around £400	£7600-£12600

All statistics based on CERT calculations and relate to an average three-bedroom, semi-detached house.

Source: The Green Deal Energy Savings for Homes and Businesses (DECC)

How do Stroma Certification Ltd. and its members fit into the Green Deal pilot scheme?

Stroma Certification Ltd. offer a combination of Government approved energy assessment, CPS and MCS schemes, which provide training and software solutions for current and future legislation.



The above chart indicates the current status of the Green Deal pilot scheme. The Green Deal scheme is scheduled to be operational in October 2012, with approved training, certification and operational rules confirmed by April 2012.



Stroma Certification Ltd. are:

Participating in the Pilot Green Deal Scheme for:

- Green Deal Advisors
- Green Deal Installers

Authorised by the DECC to run Microgeneration Certification Schemes (MCS) for:

- Solar Photovoltaics (PV)
- Solar Thermal
- Heat Pumps

Accredited under UKAS BS EN 45011:1998.

Authorised by the DCLG to run Competent Person Schemes (CPS) for:

- Installation of Microgeneration and Renewable Technologies
- Heating and Hot Water Systems
- Part P Installation of Fixed Low or Extra Low Voltage Electrical Installations

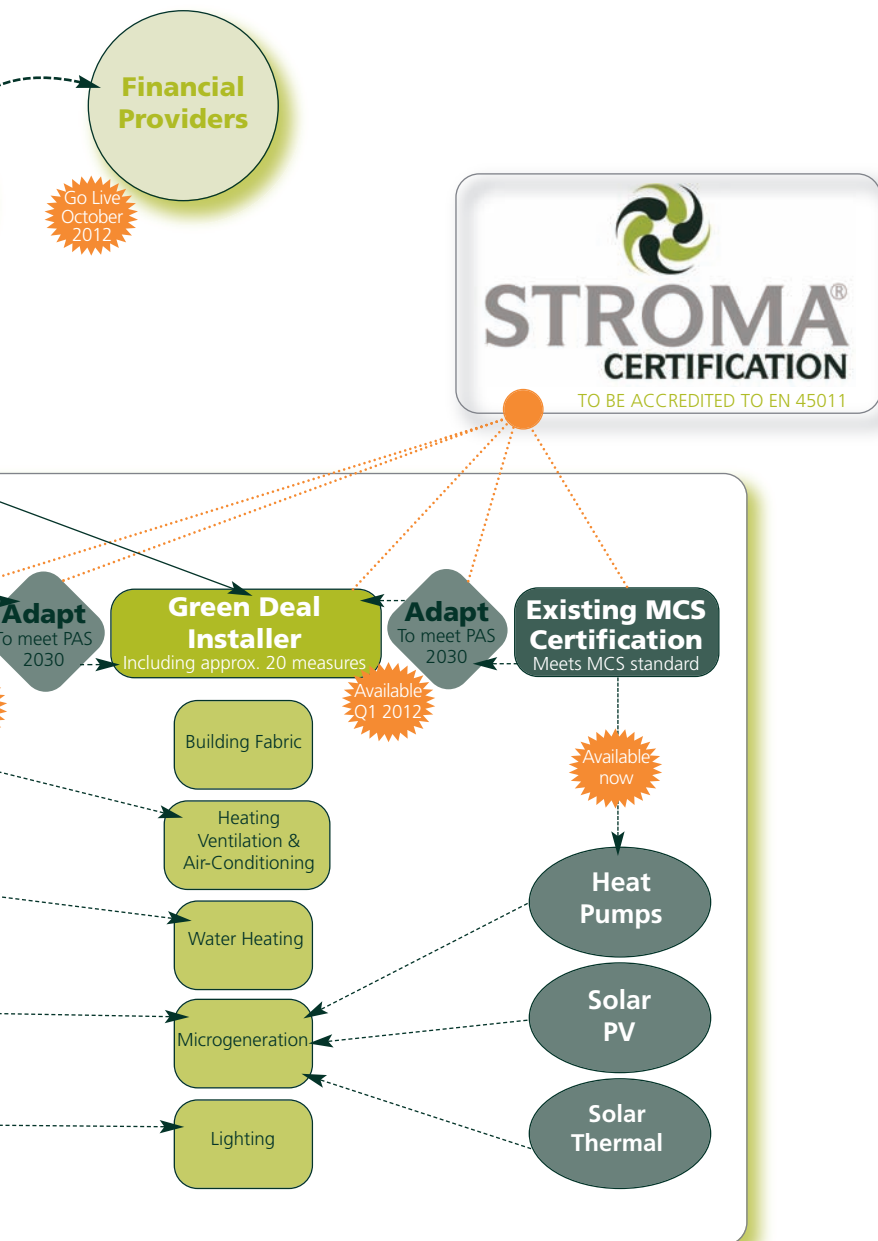
Offering MCS related training courses:

- City & Guilds 2399 Level 2 Award in Environmental Technology Systems
- City & Guilds 2399 11/12 Solar Photovoltaic Design, Installation and Maintenance
- City & Guilds 2399 21/22 Solar Thermal Design, Installation and Maintenance
- City & Guilds 2399 31/32 Heat Pump Design, Installation and Maintenance
- BPEC Unvented Hot Water Systems Certificate
- BPEC Domestic Solar Hot Water Installer
- BPEC Part P Electrical Installation
- City & Guilds 17th Edition Wiring Regulations

Authorised by the DCLG to certify assessors, inspectors and advisors needed as a result of legislative updates and industry developments.

- Domestic Energy Assessor (DEA)
- Non-Domestic Energy Assessment (NDEA)
- On Construction Energy Assessor (OCEA)
- Public Building Assessment (DEC)
- Code for Sustainable Homes (CSH)
- Air-Conditioning Energy Assessment (ACEA)

Training is available for all of the above certification schemes.



Green Deal Advisor Gateway for Domestic Energy Assessors

DEA Changes:

The additional skills that will be trained and assessed through the new qualification will include, but not necessarily be limited to:

- the need to review recommendations and ensure they are appropriate for the building that is being assessed;
- a better overall knowledge of the principles of building structure, elements and fabric;
- greater familiarity with the software used to produce EPCs;
- ensuring evidence is collected and retained;
- a better understanding of the interaction between building fabric and services;
- greater emphasis on interaction with the consumer, ensuring they understand the EPC and more generally providing a professional customer service.

A new version of RdSAP will be available from April 2012 for the lodgement of domestic EPCs.

DEA Timeline

Revisions to the DEA National Occupational Standard (NOS) completed.

Awarding organisations will convert the new QCF unit into a qualification.

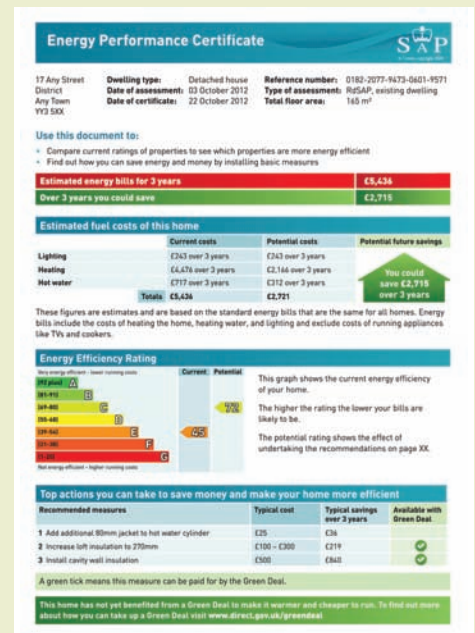
All DEAs will be expected to undertake this training and successfully complete the assessment by April 2012.

New EPC goes live.



The Revised Green Deal EPC

The Department of Communities and Local Government (DCLG) and Department of Energy and Climate Change (DECC) and Consumer Focus (CF) have been working to revise the design and content of the domestic EPC to deliver an improved product that consumers can rely on and to ensure it can effectively support the Green Deal.



They believe the revised EPC is a significant improvement which now:

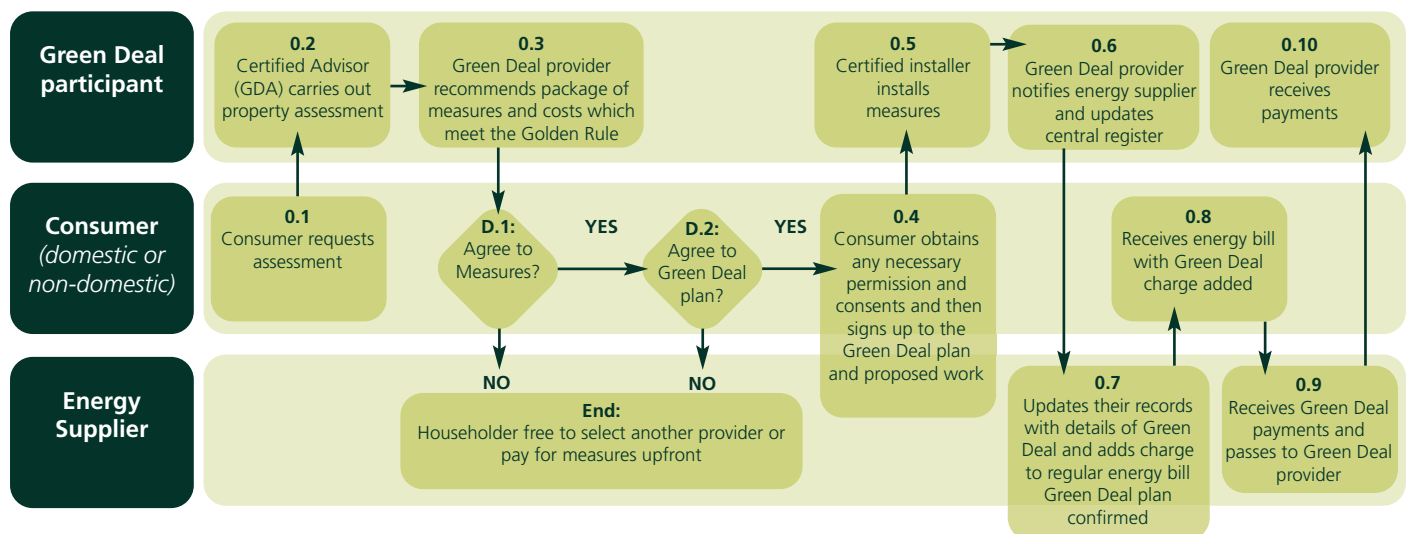
- makes better use of graphics and white space to make the document more visually appealing and easier to read;
- contains significantly reduced text;
- contains information about the Green Deal, including showing which measure could be funded through Green Deal – indicated by a green tick;
- has had information about the environmental impact of the dwelling moved further back in the document as research showed consumers were primarily interested in potential financial savings;
- shows recommended improvements nearer the front of the document so that they are more likely to be seen by consumers;
- has had text likely to be of less immediate interest that is currently on the second page moved to the back page.



Green Deal Plan

The diagram below illustrates the consumer journey - how the Green Deal assessment and installation is carried out and at what point it becomes a Green Deal plan.

(Source DECC: The Green Deal - A summary of the Government's proposals)



© Stroma November 14th 2011 Issue 1

For further information please
contact Stroma Certification Ltd. on **0845 621 11 11**
or email **info@stroma.com**.

Stroma Head Office,
4 Pioneer Way,
Castleford,
WF10 5QU

Stroma Developments Ltd. Company Registration No. 5256474

www.stroma.com