




Advisory Services for
the Green Deal
with



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CarbonGuru

Solution for Low Carbon
Buildings

The Green Deal - A New Opportunity

Businesses need to reduce Energy, Costs and Carbon

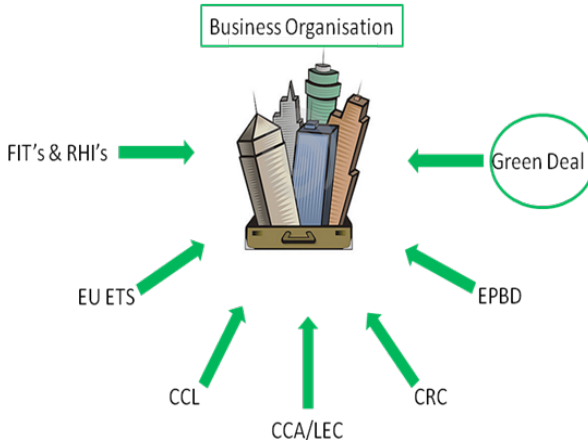
Here's why:

- 45% of total CO2 emissions in the UK comes from buildings.
- Emissions reductions of [70% - 80% by 2050] in non domestic buildings are needed to contribute to carbon budgets.
- UK's 1.8m non-domestic buildings are responsible for 18% of total CO2 emissions¹.
- 738,000 (41%) of non domestic buildings have to day an energy rating of either F or G².
- It will be illegal to sell or let any property with an energy rating greater than E from 2018³.

UK Government Targets

Average Display Energy Certificate (DEC) rating needs to improve by approximately 4 ratings to meet existing carbon reduction targets.

Legislation and policy incentives are driving businesses to reduce energy:



Issues Faced by Businesses

- Increasing Emissions ✓
- Increasing Energy Prices ✓
- Increasing Carbon Taxes ✓
- Complex Legislation ✓
- Regulatory Risks ✓

Carbon Masters unique combination of deep carbon and energy domain expertise can help you navigate the policy complexity, maximize the incentives available, reduce your costs and ensure you are regulatory compliant.

1 Ernst & Young, 2011; 2 DECC, 2011; 3 Energy Bill, 2011

The Green Deal Opportunity

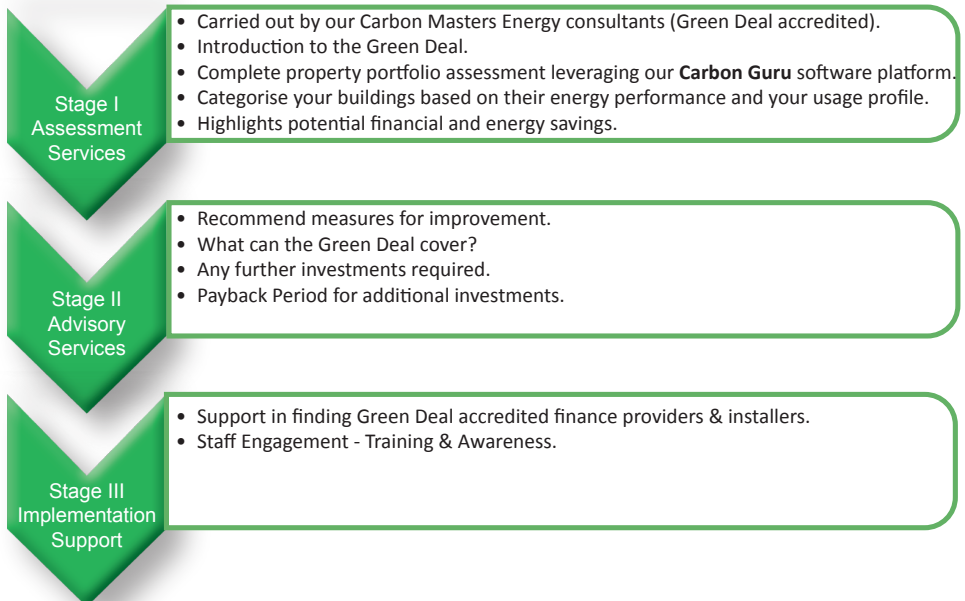
The Green Deal is a major UK government initiative due to start in October 2012. It aims to support the implementation of energy efficiency measures in households and businesses across the UK.

Without any requirement for payment of upfront costs, owners of domestic and non domestic properties can borrow to invest in installing energy efficiency measures and have that investment paid for via the reduction in their energy bills that the measure produces.

Carbon Masters Advisory Services for the Green Deal is designed to assist you to:

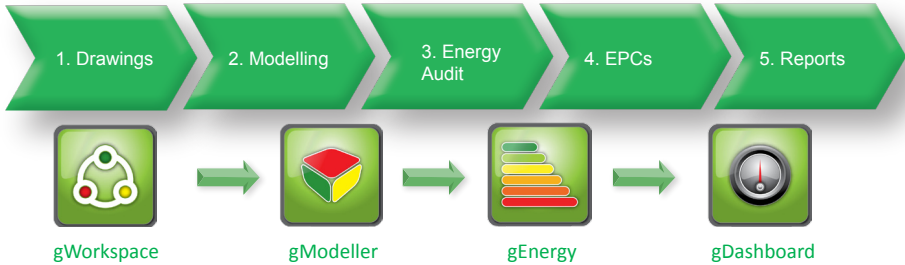
- Navigate successfully through the Green Deal process: Assessment, Financing and Installation.
- Improve the energy performance and carbon asset rating of your building portfolio.
- Help your business reduce carbon.
- Save your costs and assist you in being regulatory compliant.

Our Services:





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- You provide us your building drawings (floor plans & elevations) which are deposited in GWork space.
- We create 3D Models of your buildings using G-modeller for Energy Analysis and rendered with appropriate color codes for building material type, window glass, doors etc.
- Site visit and assessment by a Carbon Masters Green Deal accredited energy assessor.
- Model and energy audit data fed into the G-Energy analysis engine to generate EPCs.
- Results with recommendations report are shown in the dashboard.

The Result- A complete assessment of your building portfolio

Energy Efficiency Rating		
Total Buildings - 200	Buildings Split	Improvement Scope
<i>Very energy efficient - lower running costs</i>		
A	0	Potential 63
B	0	
C	10	
D	25	
E	85	
F	50	Current 37
G	30	
<i>Not energy efficient - higher running costs</i>		

Example:

- Total Number of Buildings – 200.
- 80 (40%) of the buildings have an energy rating greater than E.
- Current average rating of the buildings portfolio is F.
- The average energy rating of the buildings portfolio can be improved to D.
- How can the Green Deal help in this improvement?

To find out more about how Carbon Masters could assist you on your Green Deal journey contact us at:

info@carbonmasters.co.uk