

UK information for Updated Building Renovation Strategy
09/11/2018

Art 4 EED Reference	Requirement	Clean Growth Strategy (CGS)	Further evidence and analysis
a)	An overview of the national building stock based, as appropriate, on statistical sampling	The CGS breaks this down into sectors e.g. Improving Business and Industry Efficiency and Supporting Clean Growth p61 & Improving Our Homes p72	This information was provided in the UK's NEEAP 2017 <ul style="list-style-type: none"> - Data analysed from building stock surveys: - Building Energy Efficiency Survey - English Housing Survey
b)	Identification of cost-effective approaches to renovations relevant to the building type and climatic zone	The CGS sets out a number of policies and proposals <ul style="list-style-type: none"> - to unlock business energy efficiency (see page 66) - improving People's Homes and Reducing Bills (see page 77) 	Domestic Cost Assumptions Household National Statistics 2017 National Energy Efficiency Data-Framework (NEED) report: Summary of 2012 analysis – Annex D ECO: Help to Heat April 2017 to September 2018 – Final Stage Impact Assessment ECO3: 2018-2022: Final Stage Impact Assessment Energy Company Obligation: April 2017 to September 2018 – The Government Response to the ECO: Help to Heat Consultation Energy Company Obligation: The Government Response to the ECO3, 2018 to 2022 Consultation <ul style="list-style-type: none"> - targeting rural building stock and off-gas grid (page 13) - targeting EPC band E,F and G social housing (page 17) - encouraging Local Authorities to target the least efficient homes (page 32) Building a Market for Energy Efficiency Call for Evidence <ul style="list-style-type: none"> - page 11

			<p>National Household Model https://www.cse.org.uk/projects/view/1233</p> <p>Buildings Mission as part of the Clean Growth Grand Challenge https://www.gov.uk/government/publications/industrial-strategy-the-grand-challenges/missions</p>
c)	<p>Policies and measures to stimulate cost-effective deep renovations of buildings, including staged deep renovations</p>	<p>The Clean Growth Strategy sets out:</p> <ul style="list-style-type: none"> • Improving People’s Homes and Reducing Bills (page 77) • Boiler Plus, RHI, heat networks, off gas grid heating (page 79) • Innovation investment (page 80) • Improving our homes (page 72) 	<p>ECO3 - Energy Company Obligation to target fuel poor homes and bring up to EPC grade C (which will often require deep retrofit). Minimum Energy Efficiency Standards (private rented sector domestic and non-domestic)</p> <p>General overview Building a Market for Energy Efficiency Call for Evidence p.13 Household National Statistics 2017</p> <p>Delivering Clean Growth: Progress Against Meeting Our Carbon Budgets – The Government Response to the Committee on Climate Change p. 23</p> <p>Regulatory: Final Stage Impact Assessment for the Private Rented Sector Regulations Amending the Private Rented Sector Energy Efficiency Regulations: Consultation Stage Impact Assessment Boiler Plus: New standards for domestic boiler installations from April 2018 https://www.gov.uk/government/consultations/heat-in-buildings-the-future-of-heat</p> <p>Fiscal:</p>

			<p>ECO: Help to Heat April 2017 to September 2018 – Final Stage Impact Assessment ECO3: 2018-2022: Final Stage Impact Assessment Green Deal and ECO evaluation – includes the following in particular:</p> <ul style="list-style-type: none"> • Evaluation of the Green Deal Communities PRS funding: Summary report • Green Deal Assessment Mystery Shopping Research • Research in to the Green Deal and ECO programme supply chain <p>Consumer protection: Each Homes Counts review</p> <p>Green finance: Green Finance Taskforce report</p> <p>Barriers: IAs include assessment of barriers Building a Market for Energy Efficiency Call for Evidence p.23 The Future Framework for Heat in buildings call for evidence https://www.gov.uk/government/consultations/a-future-framework-for-heat-in-buildings-call-for-evidence</p> <p>Appraisal of other countries: Building a Market for Energy Efficiency Call for Evidence p.27</p>
d)	A forward-looking perspective to guide investment decisions of individuals, the construction industry and financial institutions	<p>One of the main aims of the CGS is to support investment in low carbon and clean initiatives and organisations.</p> <ul style="list-style-type: none"> • Page 12 summarises policies and proposals to ‘Develop world leading Green Finance capabilities’. 	<p>Building a Market for Energy Efficiency Call for Evidence p.25 and 33</p> <p>Green Finance Taskforce page 40 and 43</p> <p>Construction Sector Deal</p>

		<ul style="list-style-type: none"> Page 34 outlines some of the key opportunities for investment in the UK <p>Clean Growth Strategy (page 77) sets out:</p> <ul style="list-style-type: none"> aspirations and trajectory for PRS, fuel poor households, social housing and all homes) Commitment to support current level of ECO funding out to 2028 	<p>The Future Framework for Heat in buildings call for evidence https://www.gov.uk/government/consultations/a-future-framework-for-heat-in-buildings-call-for-evidence</p>
e)	An evidence-based estimate of expected energy savings and wider benefits	<p>Clean Growth Strategy sets out GHG emissions by sector:</p> <ul style="list-style-type: none"> Business and Industry (page 64) Homes (page 74) Transport (page 85) Power (page 95) Natural resources (page 104) Public sector pathway (page 115) <p>Projected Emissions Intensity Ratio (EIR - page 58)</p> <p>Overview including MACC curves: Clean Growth Strategy p.146, 149, 159, 161</p>	<p>Buildings Mission Energy and Emissions Projections Updated energy and emissions projections 2017</p> <p>Specific policies: ECO and Green Deal benefits</p> <ul style="list-style-type: none"> Final Stage Impact Assessment for the Green Deal and Energy Company Obligation ECO: Help to Heat April 2017 to September 2018 – Final Stage Impact Assessment ECO3: 2018-2022: Final Stage Impact Assessment <p>PRS benefits</p> <ul style="list-style-type: none"> Final Stage Impact Assessment for the Private Rented Sector Regulations Amending the Private Rented Sector Energy Efficiency Regulations: Consultation Stage Impact Assessment <p>Boiler Plus Impact Assessment https://www.gov.uk/government/consultations/heat-in-buildings-the-future-of-heat</p>