



London Plan Design Stage BRUKL Reports
Project: IMRI - Great Ormond Street Hospital
Date / Version: 03 May 2017 / Ver. 01
Building Regulations: L2A 2013

Values from BRUKL Reports

Area	919.00	m2
London Plan Target	40.00	%
Baseline: Part L 2013 of the Building Regulations Compliant Development	139.10	kg/Co2/m2
After energy demand reduction (Be Lean)	86.50	kg/Co2/m2
After heat network / CHP (Be Clean)	65.50	kg/Co2/m2
After renewable energy (Be Green)	65.50	kg/Co2/m2

Non Domestic: Carbon Dioxide Emissions after each stage of the Energy Hierarchy for non-domestic buildings

	Carbon dioxide emissions for non-domestic buildings (Tonnes CO2 per annum)	
	Regulated	Unregulated
Baseline: Part L 2013 of the Building Regulations Compliant Development	127.83	
After energy demand reduction (Be Lean)	79.49	
After heat network / CHP (Be Clean)	60.19	
After renewable energy (Be Green)	60.19	

Non Domestic: Regulated carbon dioxide savings from each stage of the Energy Hierarchy for non-domestic buildings

	Regulated non-domestic carbon dioxide savings	
	(Tonnes CO2 per annum)	(%)
Savings from energy demand reduction (Be Lean)	48.34	37.81
Savings from heat network / CHP (Be Clean)	19.30	15.10
Savings from renewable energy (Be Green)	0.00	0.00
Total Cumulative Savings	67.64	52.91



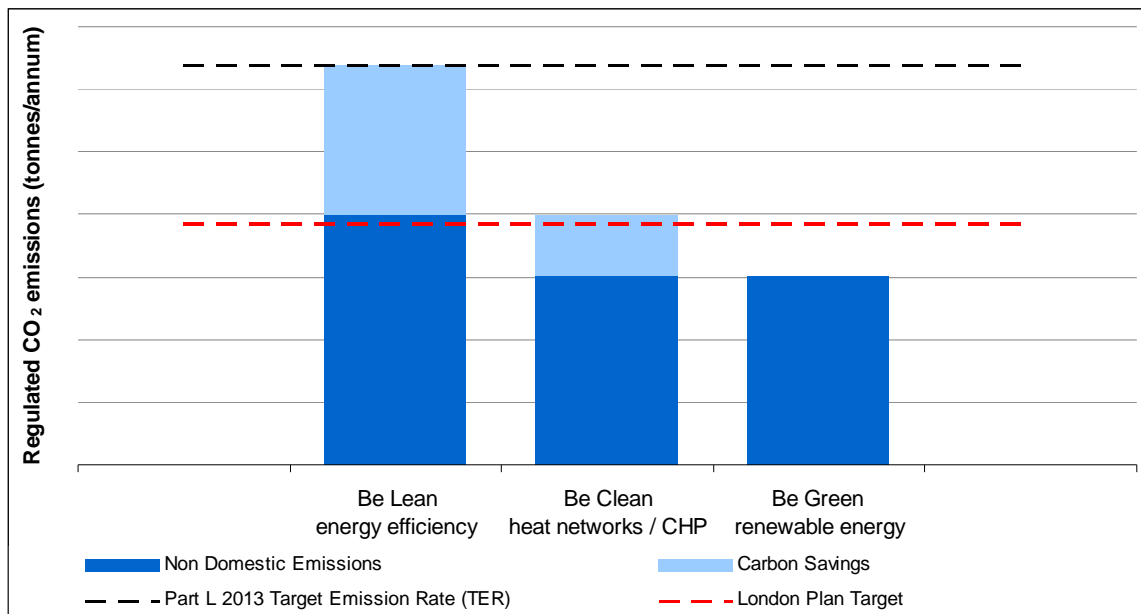


Table for chart

	Non Domestic Emissions	Carbon Savings
Be Lean energy efficiency	79.49	48.34
Be Clean heat networks / CHP	60.19	19.30
Be Green renewable energy	60.19	0.00

