



ENERGY IN THE CITY

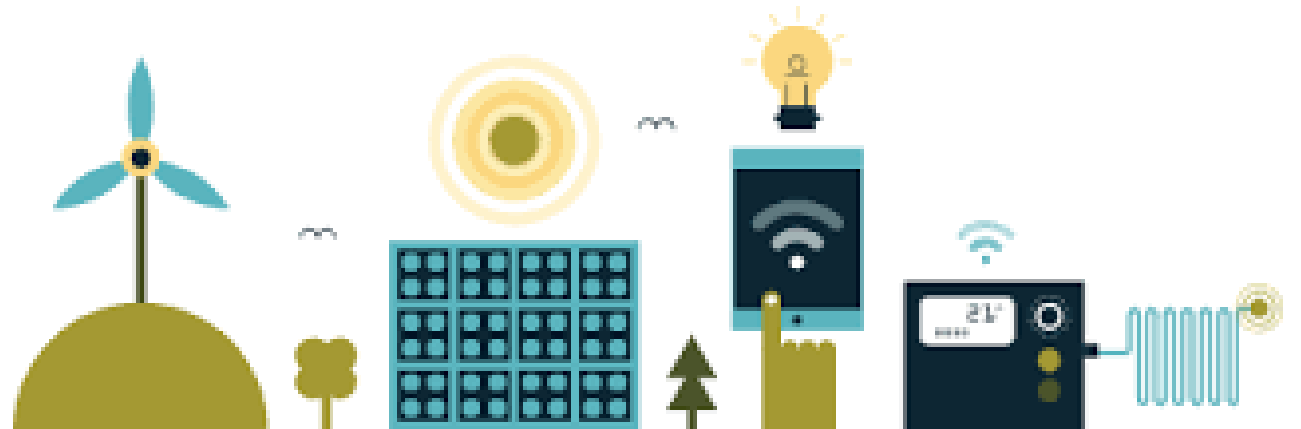
Christopher Hayward
Chairman, Planning &
Transportation Committee

A LEADING INTERNATIONAL FINANCIAL & BUSINESS CENTRE



AN ENERGY POLICY THAT'S

PROGRESSIVE



A CITY SERVING THE WORLD MARKET

MMF Institute for Urban Strategies
The Mori Memorial Foundation

Global Power City Index

Top 10 Cities
in Comprehensive Ranking



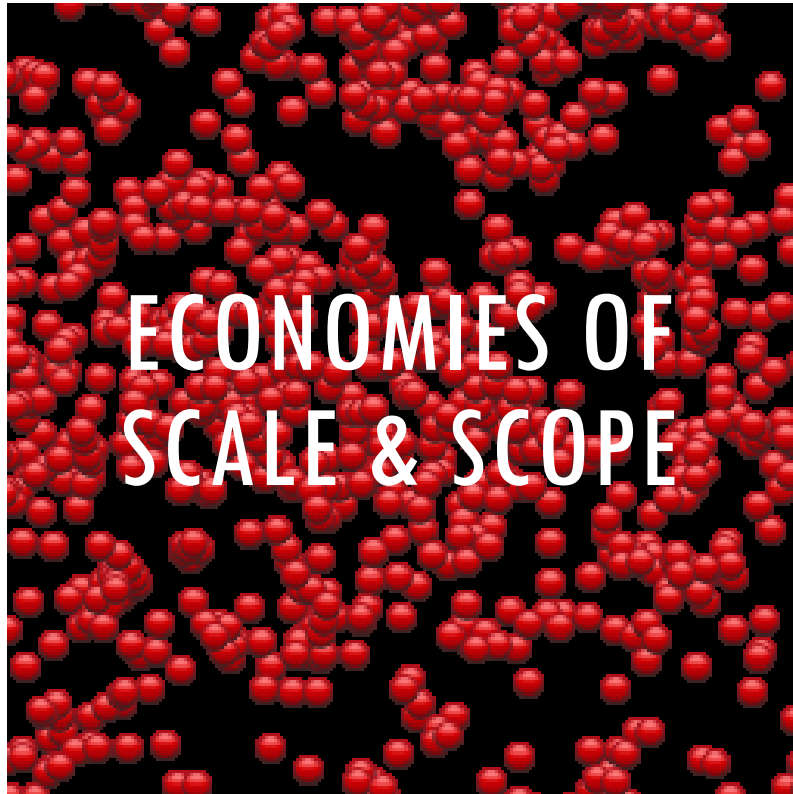
14%
OF GDP



HALF A MILLION OF THE BRIGHTEST PEOPLE



CLUSTER OF ACTIVITIES - OFFERING ECONOMIES OF SCALE AND ECONOMIES OF SCOPE



COMPETING ON THE WORLD STAGE



The Global Financial Centres Index 24

Centre	GFCI 24	
	Rank	Rating
New York	1	788
London	2	786
Hong Kong	3	783
Singapore	4	769



Financial Centre Futures



Cities of Opportunity

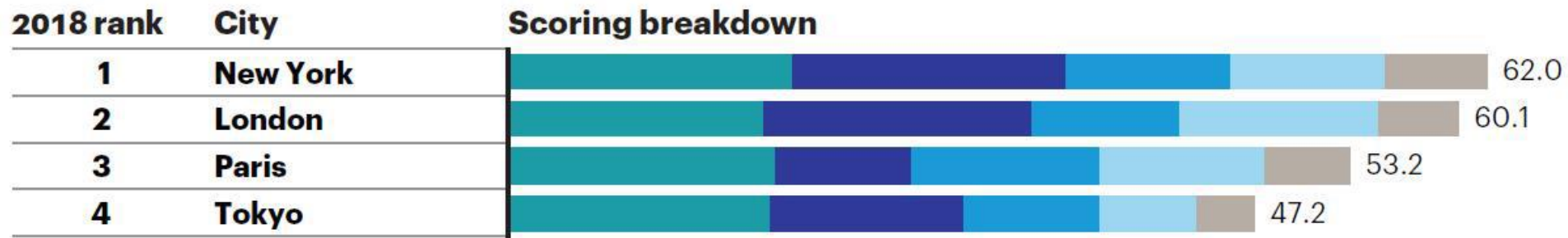


Score

30	London	1,466
29	Singapore	1,377
28	Toronto	1,366
27	Paris	1,360

COMPETING ON THE WORLD STAGE

Global Cities Index, rank and score



ATKearney

CAPACITY CONNECTIVITY CHARACTER

THE CLIMATE OF THE WORLD IS CHANGING



TOWARDS DECARBONIZATION OF ENERGY SUPPLY AND USE



ROLES TO PLAY AT EVERY LEVEL



UNITED NATIONS SPONSORED PARIS AGREEMENT 2015



THE UK'S CLEAN GROWTH STRATEGY

LEADING THE WAY TO A LOW CARBON FUTURE



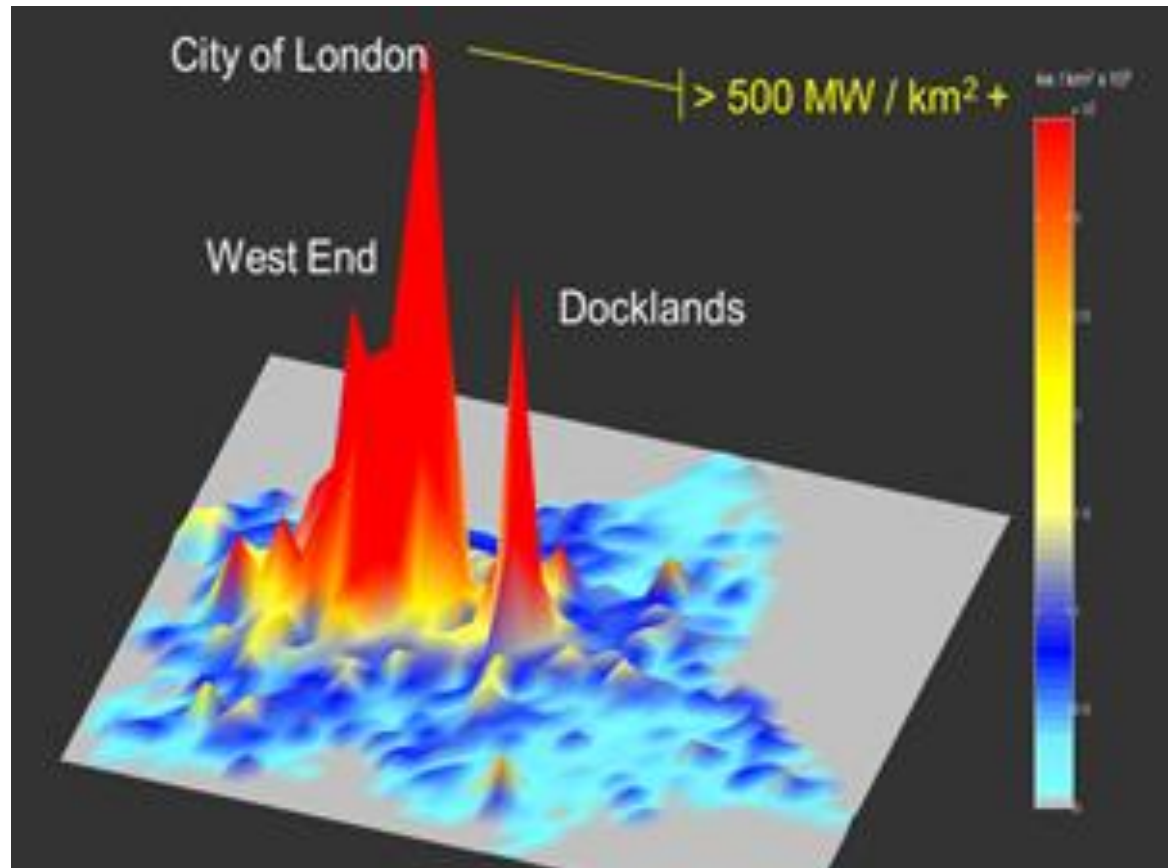
"The government is today publishing the Clean Growth Strategy - an ambitious strategy to cut emissions while keeping costs down for consumers, creating good jobs and growing the economy."

Claire Perry MP
Minister for Climate Change and Industry



Building our
#IndustrialStrategy

CITY ENERGY - PEAK DEMAND

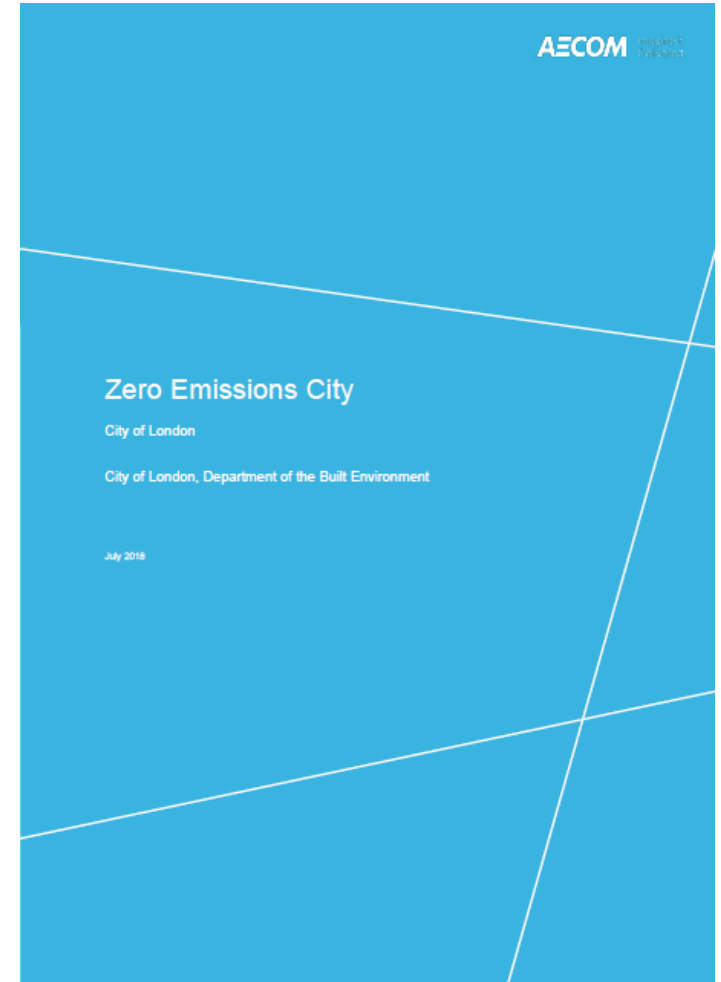


LONDON — A ZERO CARBON CITY BY 2050

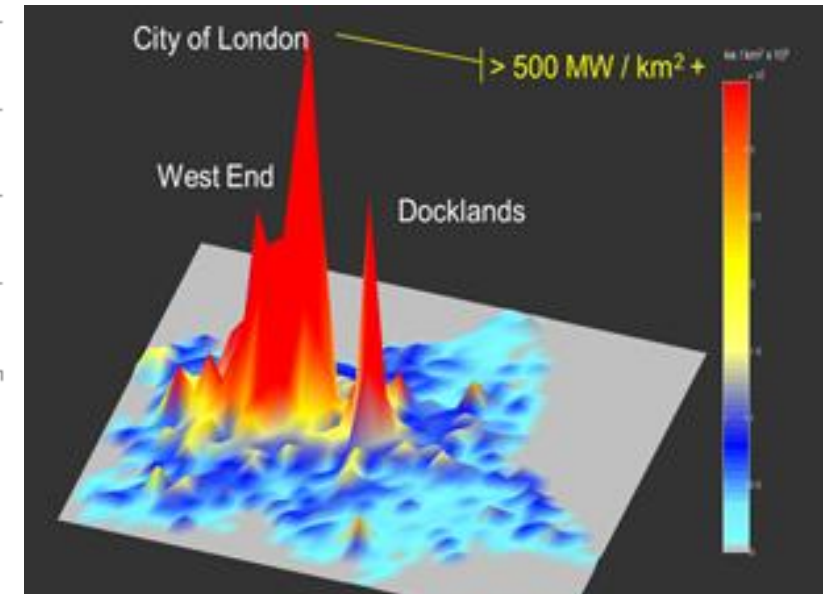
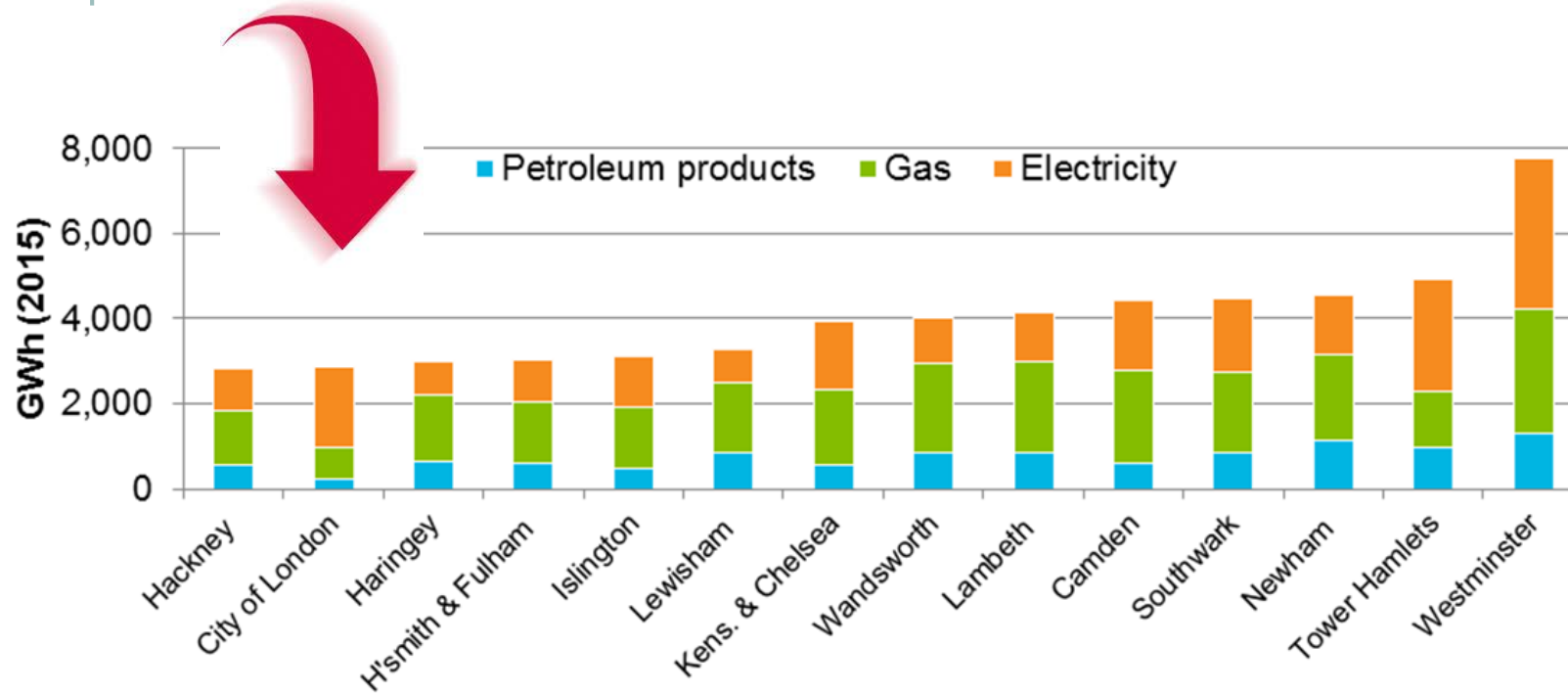


AECOM — CITY OF LONDON

ZERO EMISSIONS CITY (JULY 2018)

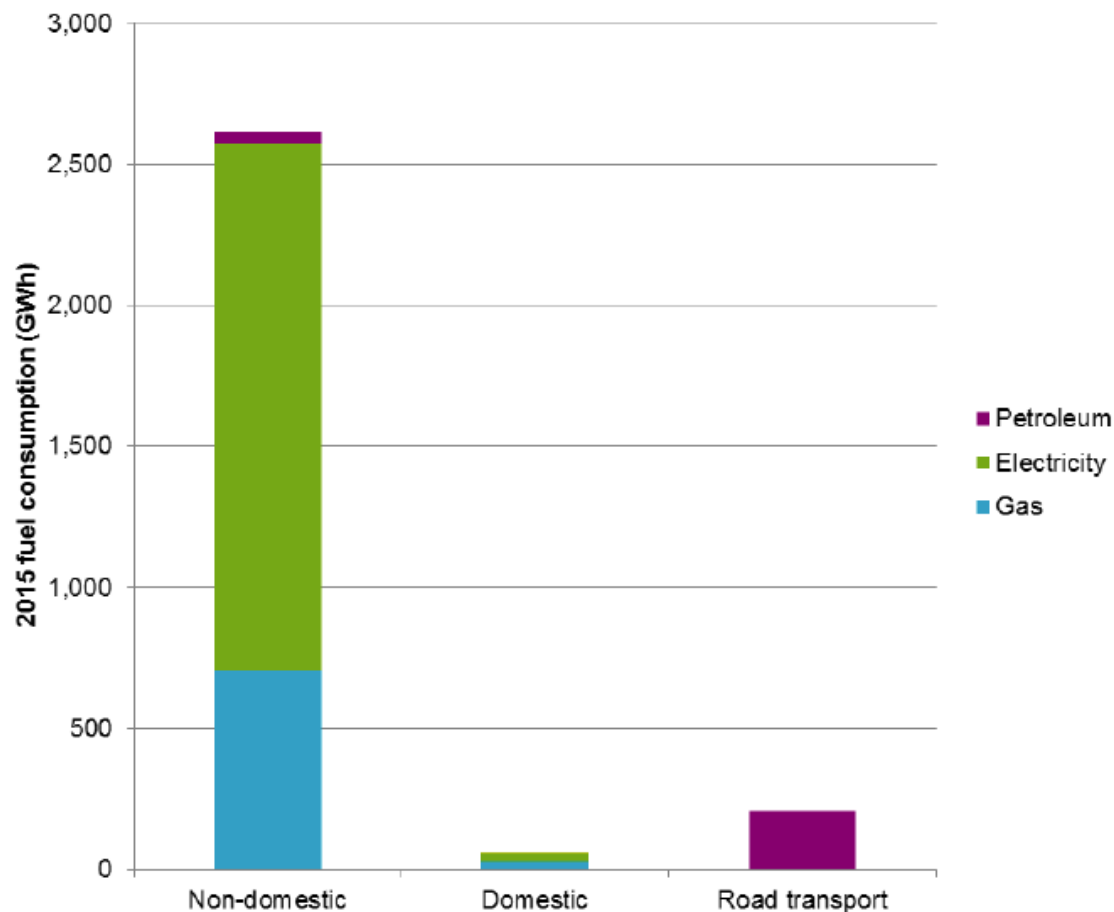


CITY OF LONDON — CONCENTRATED ENERGY DEMAND

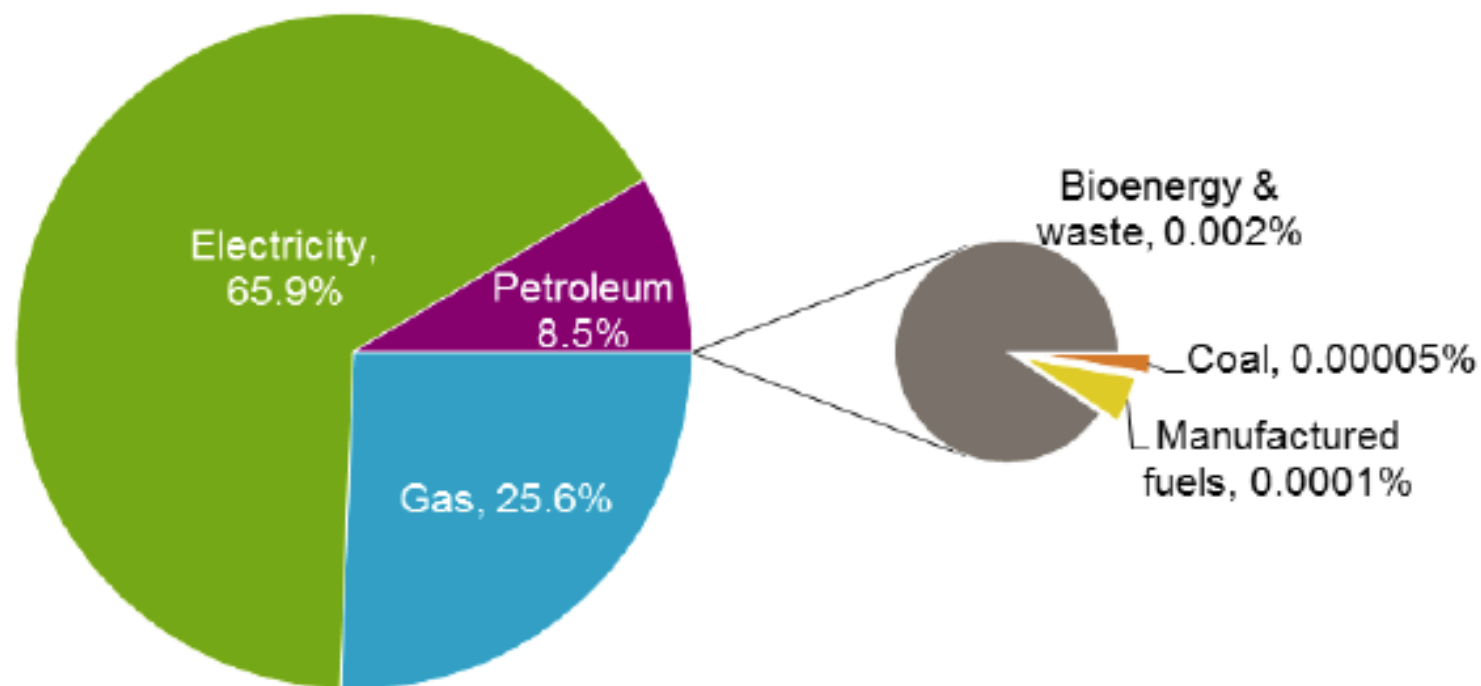


CITY OF LONDON — FUEL CONSUMPTION BY SECTOR & TYPE 2015

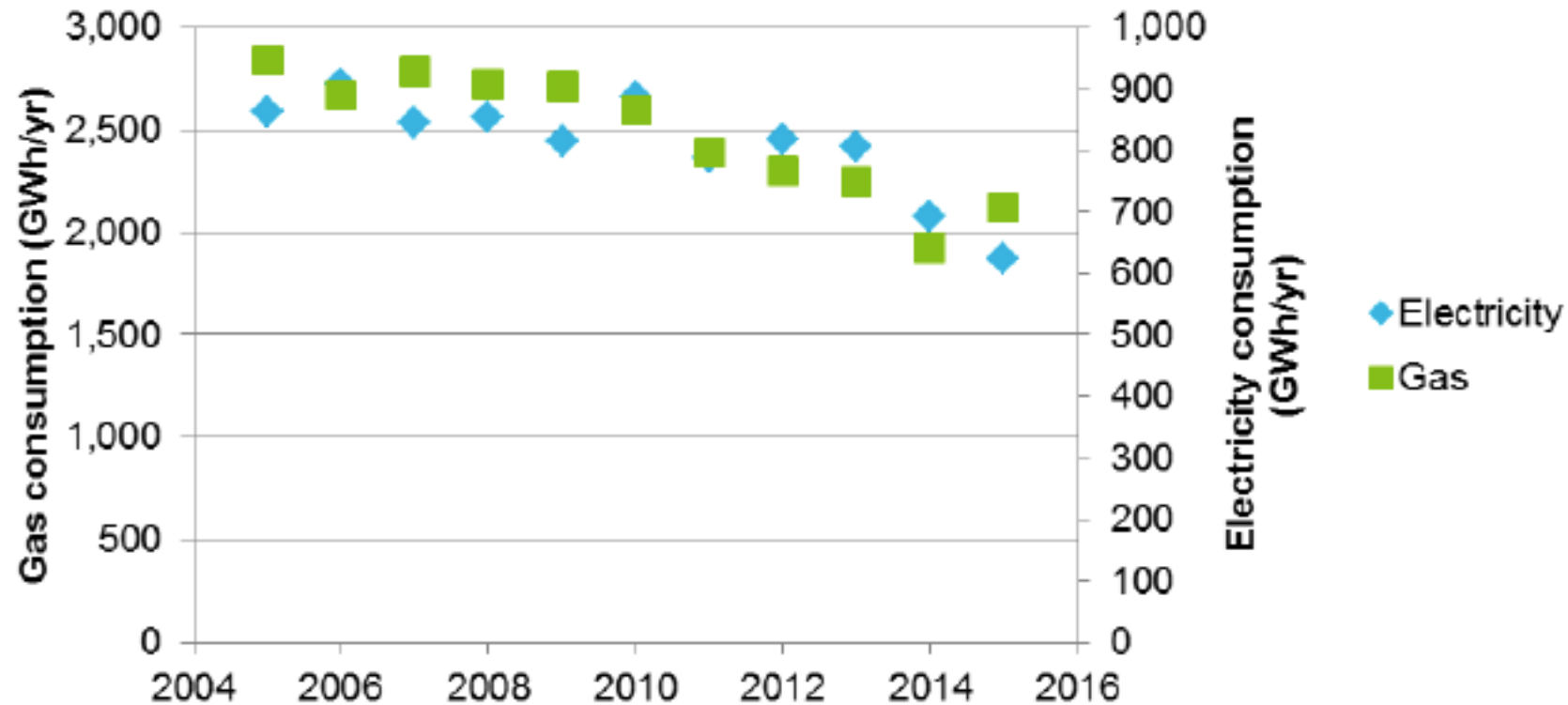
COMMERCIAL DEMAND DOMINANT



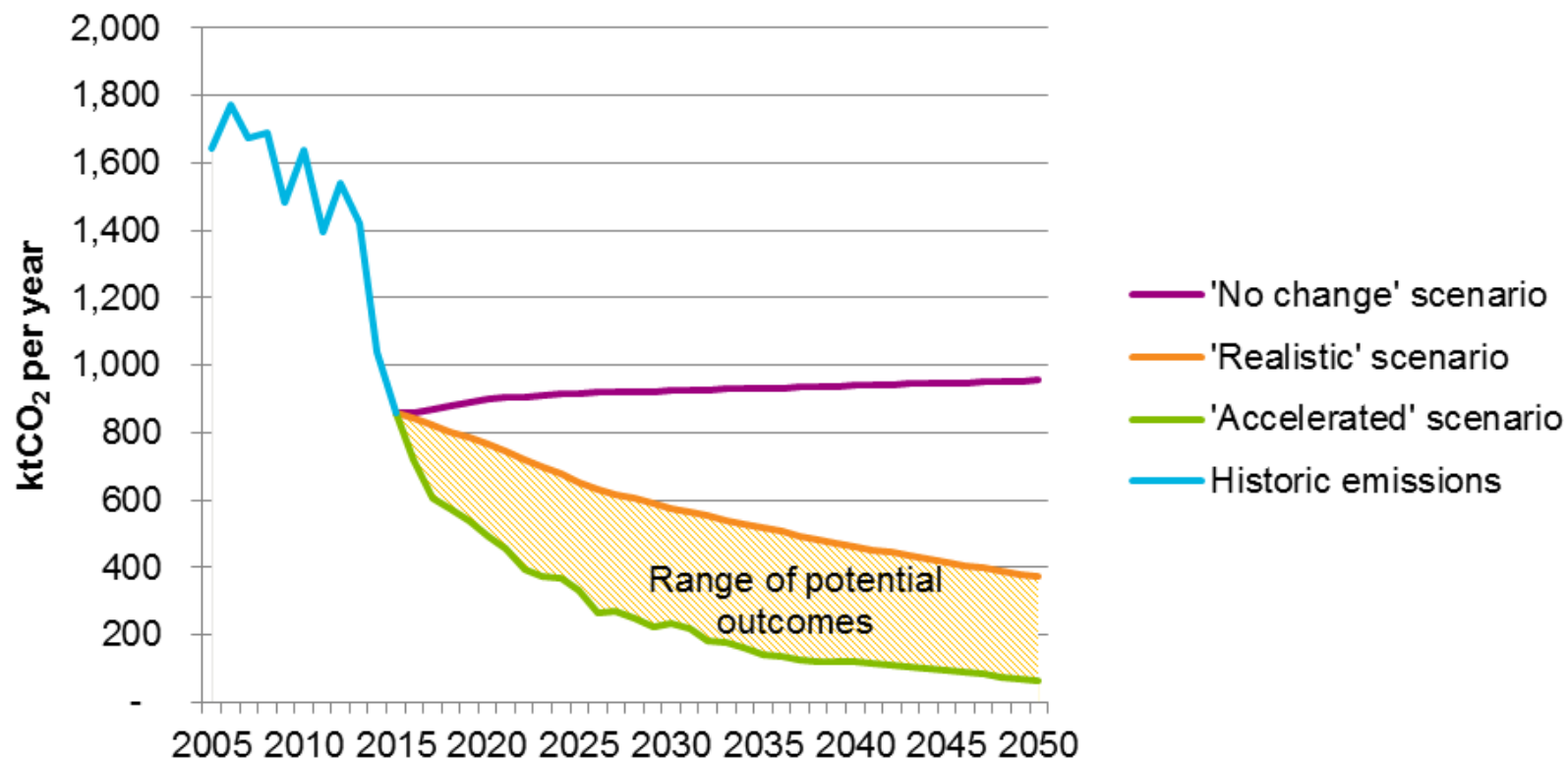
FUEL CONSUMPTION BY TYPE — ELECTRICITY DOMINANT



BUSINESSES ARE ON THE JOB — TOTAL DEMAND FALLING

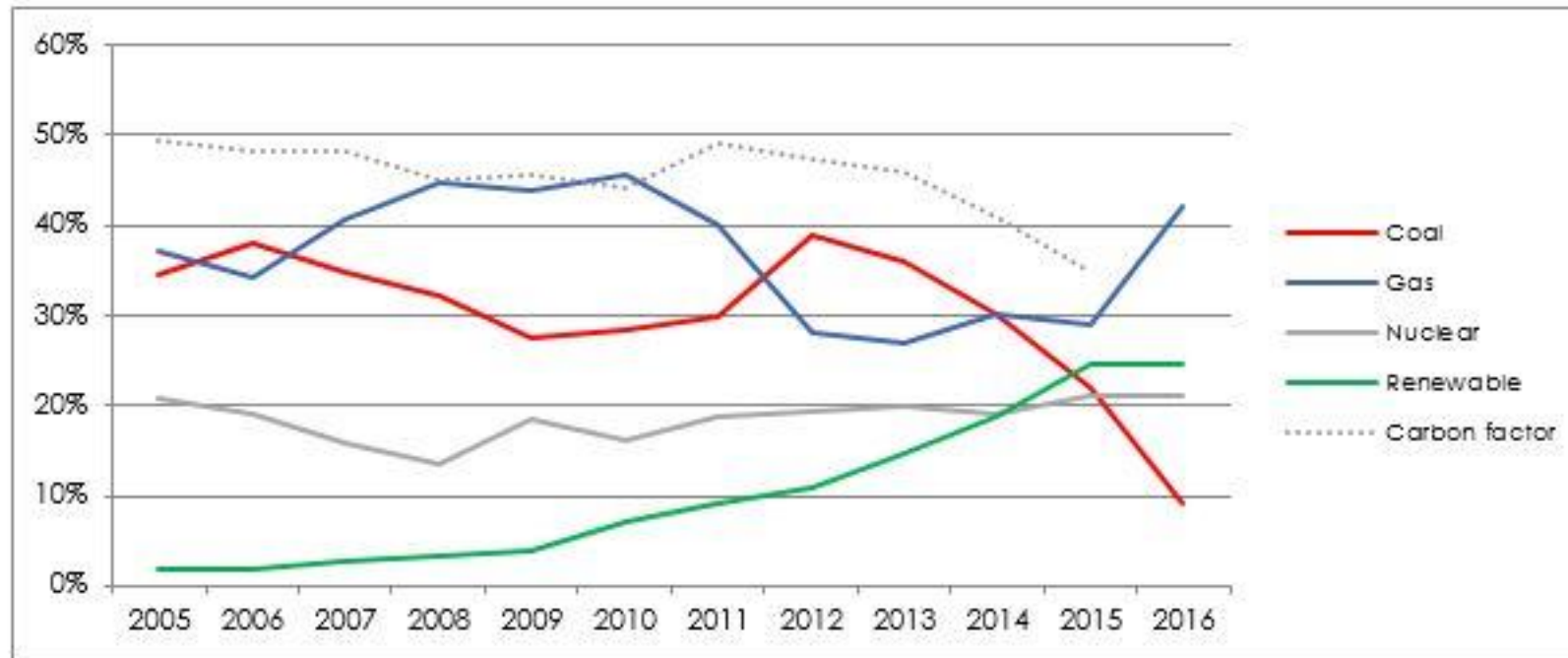


THE 'DO NOTHING' SCENARIO — EMISSIONS WORSEN

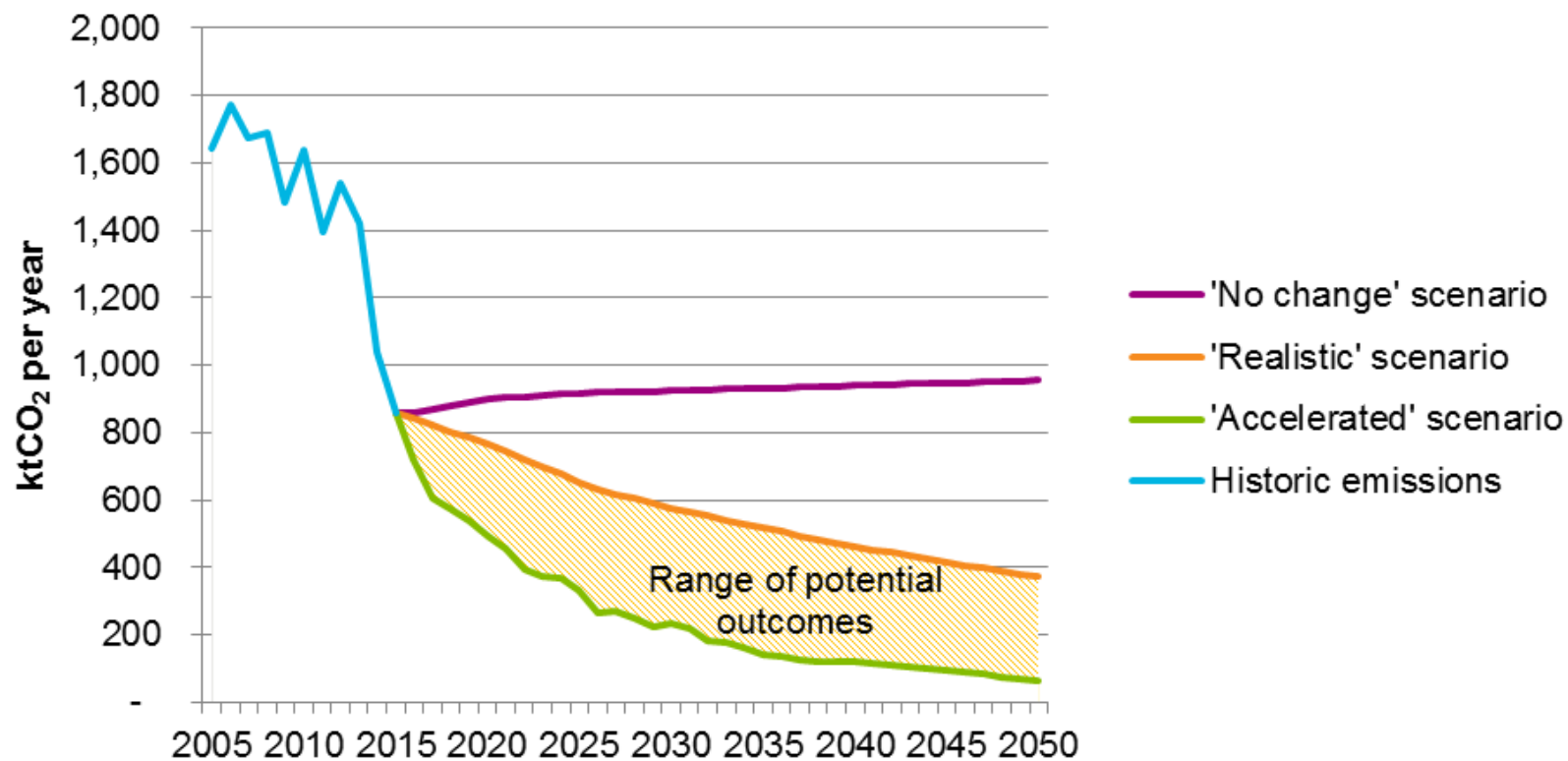


NATIONAL GRID — DECARBONISATION IS HAPPENING

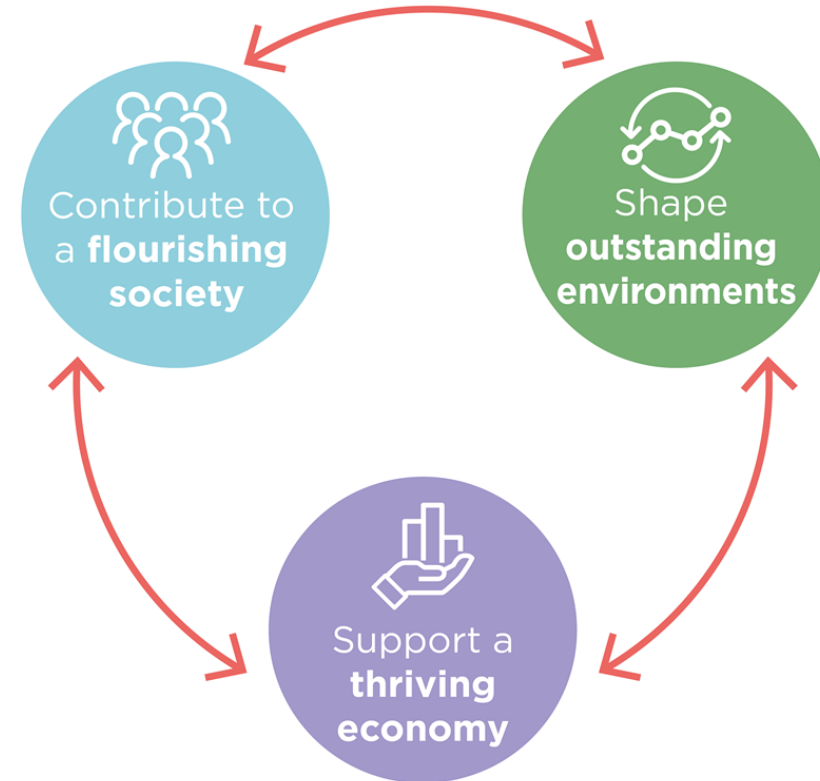
Figure 1 Sources of UK National Grid Electricity



NATIONAL GRID — CARBON EMISSIONS FALLING



CITY CORPORATION - OVERARCHING AIMS



LEADING BY EXAMPLE

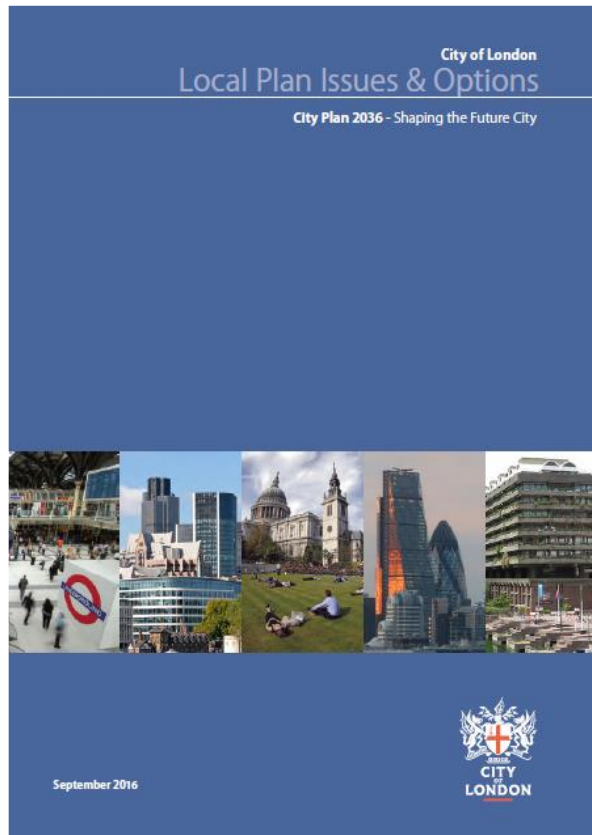


Responsible Business Strategy, 2018-23

Towards a Sustainable Future

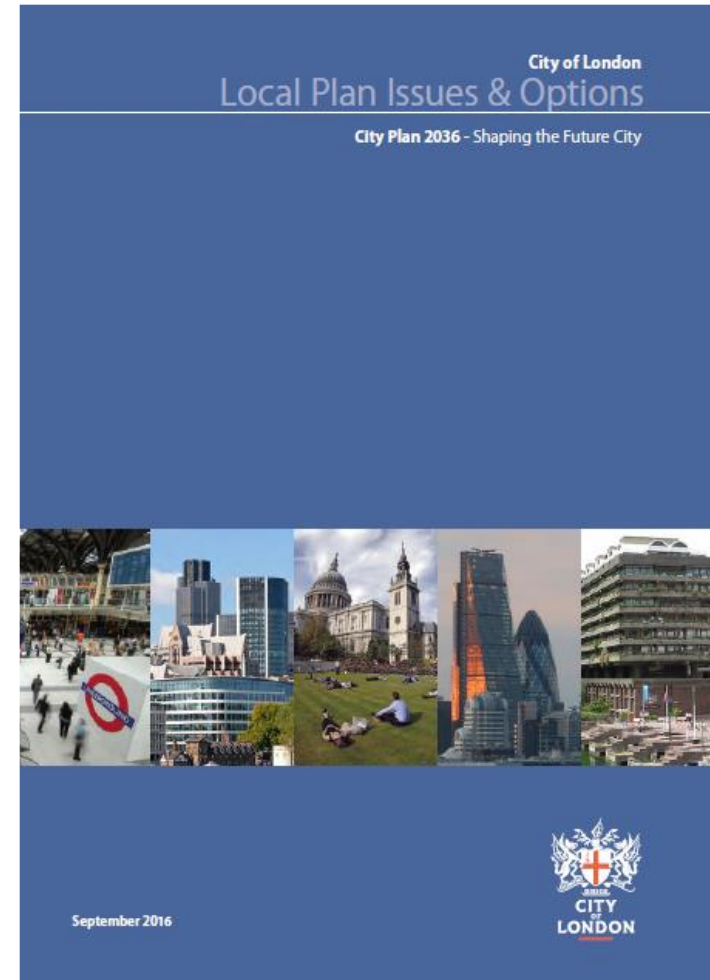
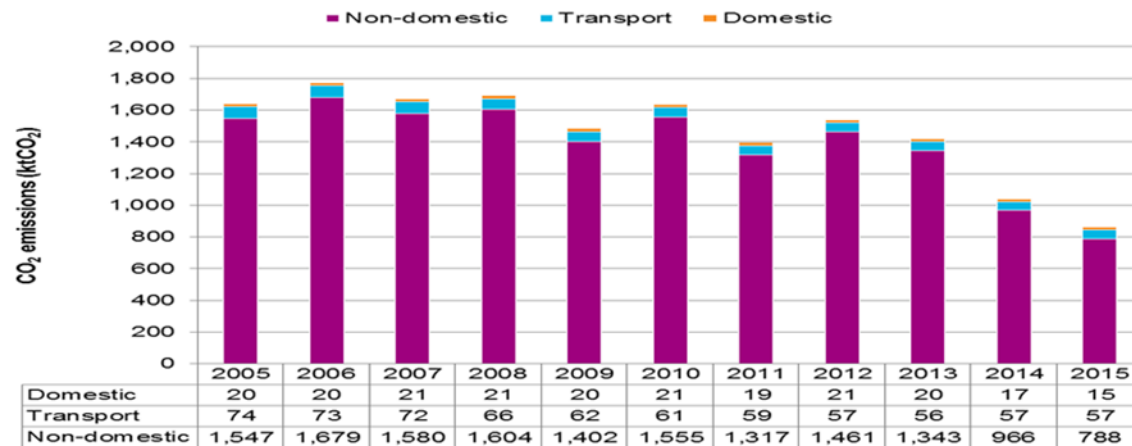


AN EVOLVING POLICY CONTEXT



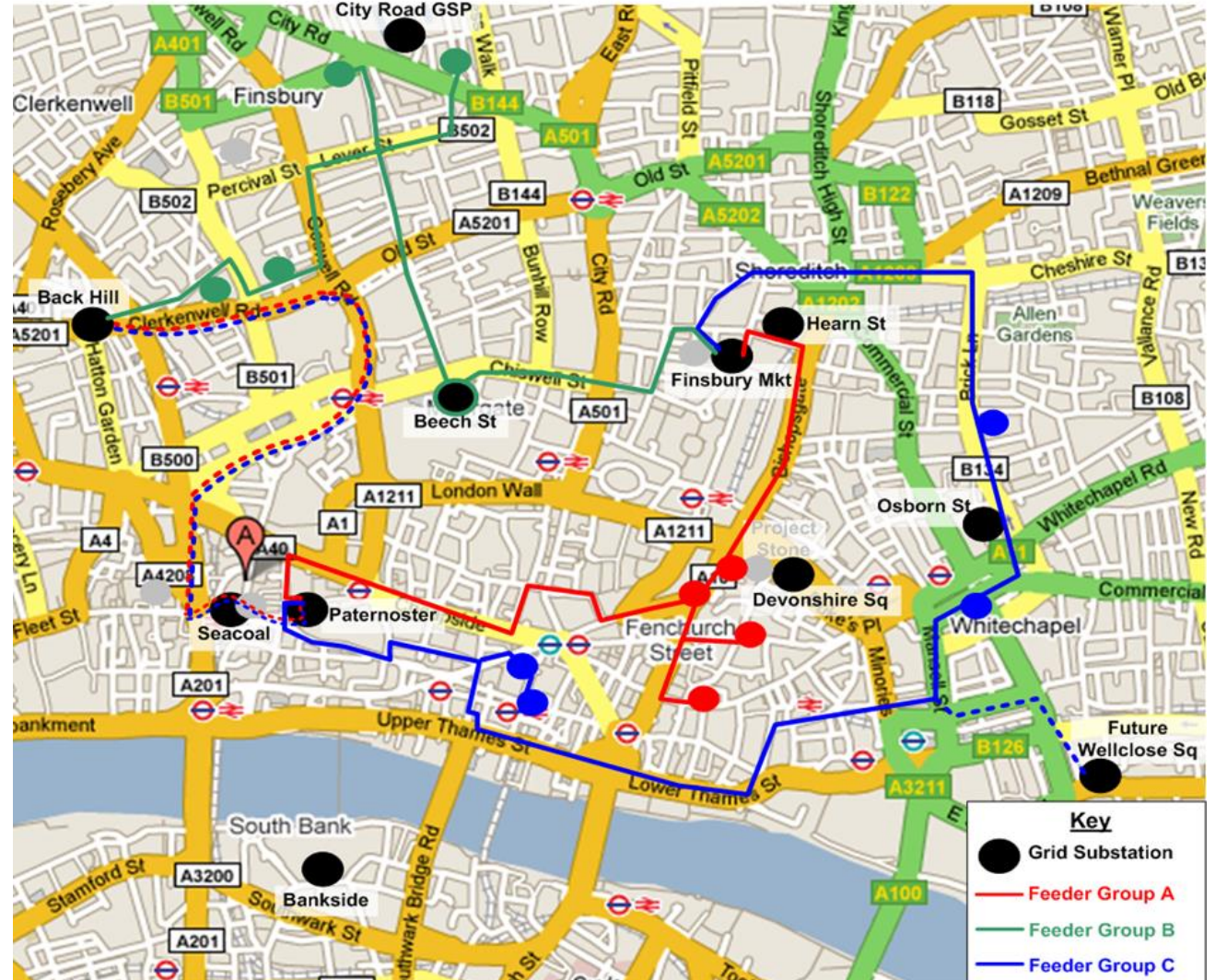
THE DRAFT CITY LOCAL PLAN

BREEAM®



FUTURE INFRASTRUCTURE: UTILITIES

UKPN 33KV NETWORK



CITIGEN COMBINED HEAT & POWER (CHP) NETWORK



CHP MAIN PLANT

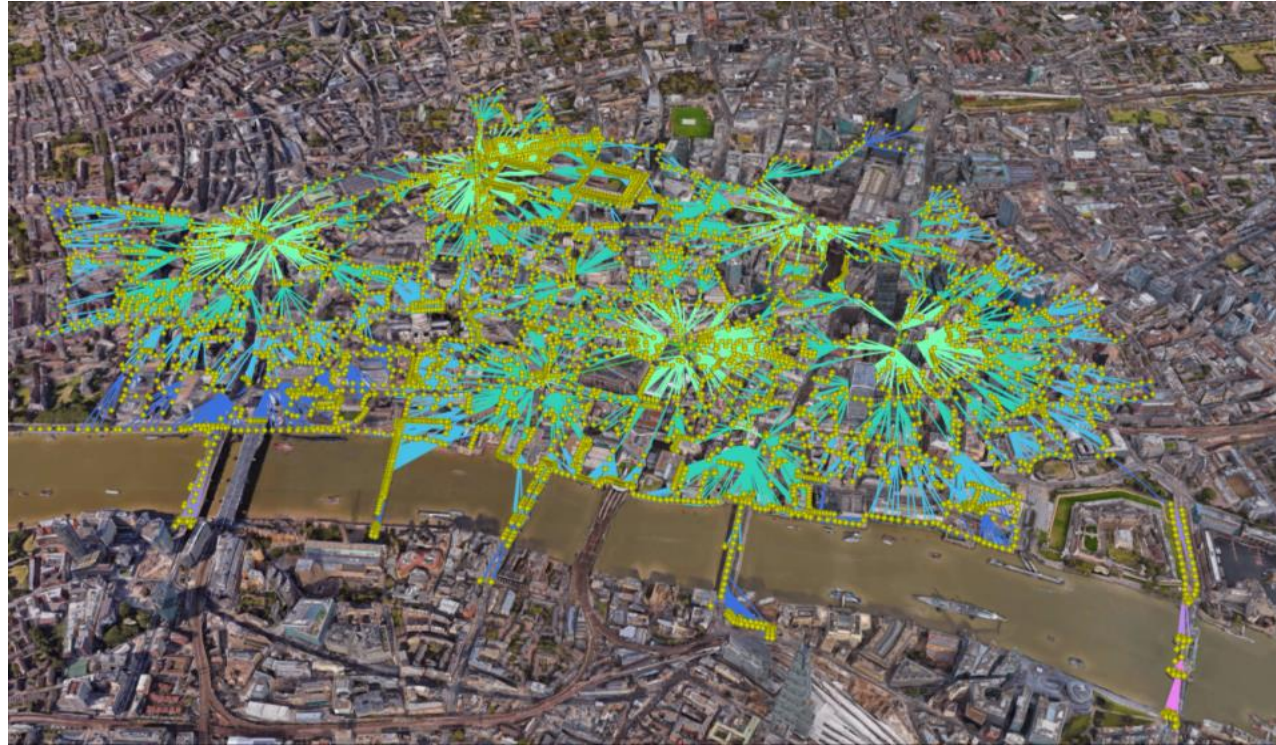


CHP CUSTOMER CONNECTIONS



LEADING BY EXAMPLE

LED STREETLIGHTS AND MESH NETWORK



LEADING BY EXAMPLE — MOVING TO E-VEHICLES



LEADING BY EXAMPLE — RESPONSIBLE PROCUREMENT



Responsible Business Strategy, 2018-23

Towards a Sustainable Future

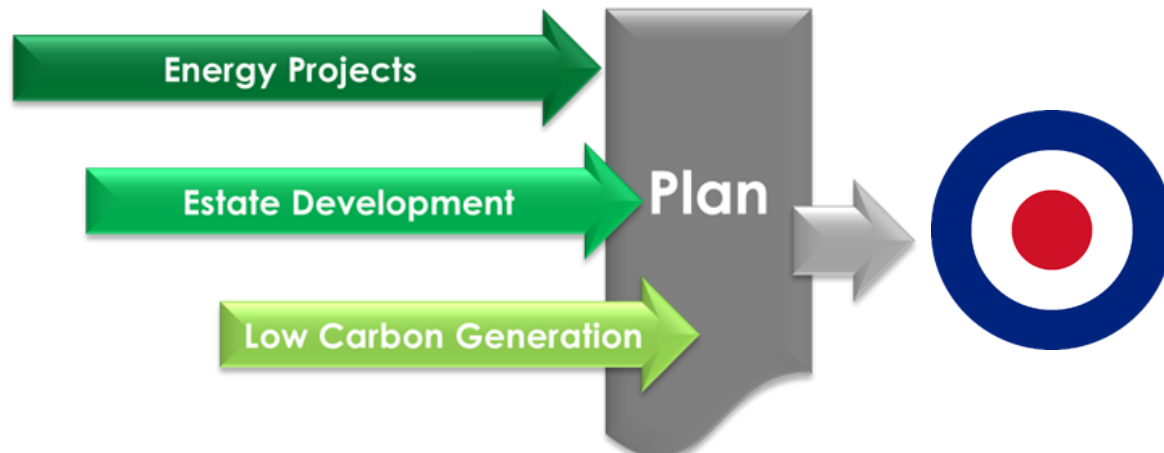


City of London Corporation
Responsible Procurement Strategy



LEADING BY EXAMPLE - CARBON DESCENT PLAN

- 40% ENERGY REDUCTION BY 2025



SYNERGY FOR A BETTER FUTURE CITY



THANK YOU