

NEIGHBOURHOODS
OF THE FUTURE

B U R O H A P P O L D

E N G I N E E R I N G

09 July 2019

TREVOR KEELING

'Associate in Sustainability team with over 12 years' experience designing for people and planet'

- In depth experience of Sustainability requirements for London and the World
- Leading Wellbeing focus group
- Policy work understanding implications of future changes



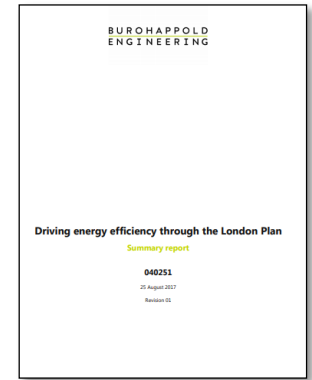
Residential buildings

Managing sustainability during design and construction



Commercial buildings

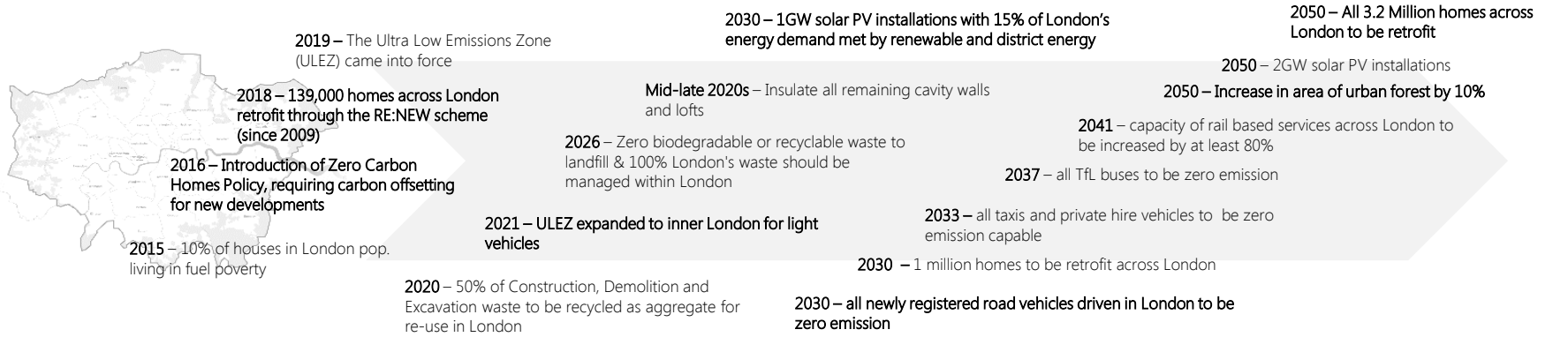
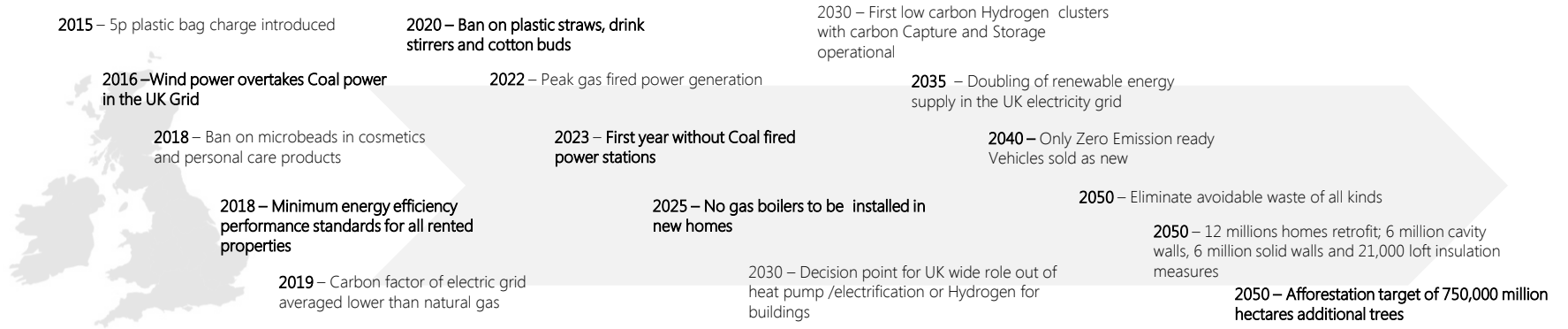
Leading design for wellbeing and sustainability in offices and public realm



Policy Work

Climate Change Strategy for London Borough of Waltham Forest

UK AND LONDON POLICY TIMELINE



THE FUTURE IS NOT A RESULT OF TECHNOLOGY ALONE



STREETS WITHOUT CARS WILL PROVIDE MORE SPACE AND HAVE LESS AIR AND NOISE POLLUTION



Marlborough Road 1952



Marlborough road today

Natural driveways to conserve bees and nature

Less cars will mean you can play in the streets

Less traffic means greater energy independence. The UK relies heavily on oil, gas and coal from Russia and the Middle East.

THE FUTURE OF CAR PARKING

Hackney



San Francisco



THE FUTURE OF STREETS

Hong Kong

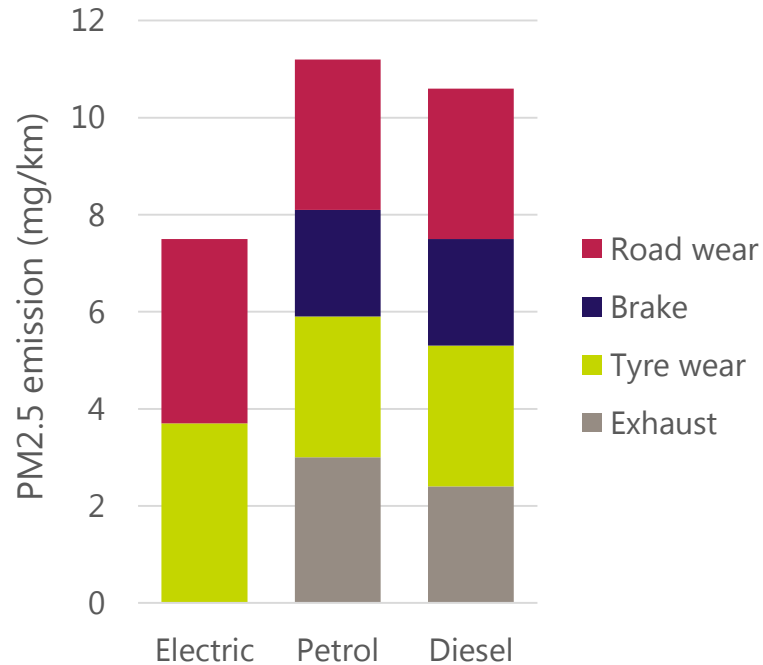


Barcelona

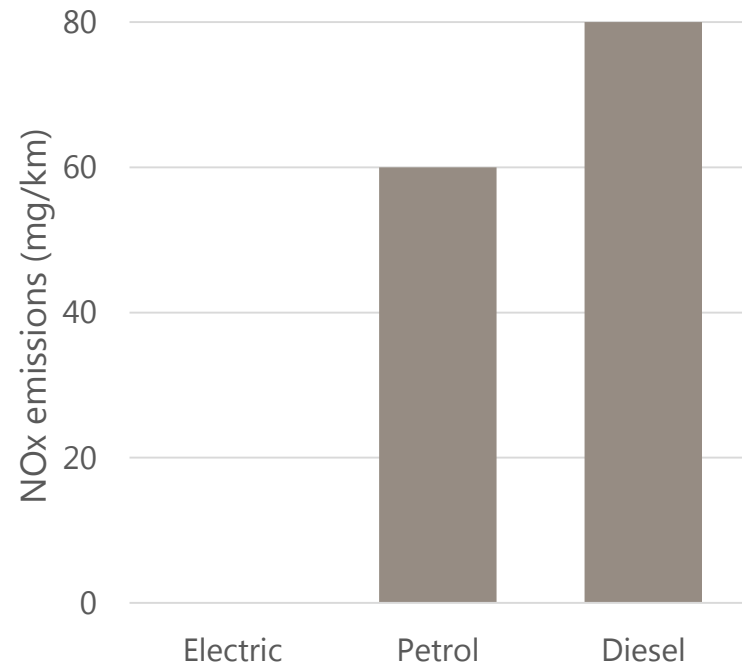


REDUCED AIR POLLUTION FROM ELECTRIC VEHICLES

Particulate matter



NOx emissions



POTENTIAL TO NATURALLY VENTILATE

Kentish Town road



Modern fully sealed office



CHANGING DRESS CODES



London today and 150 years ago



South California today and 500 years ago



MY COOL BIZ



MY COOL BIZ

www.team-6.jp

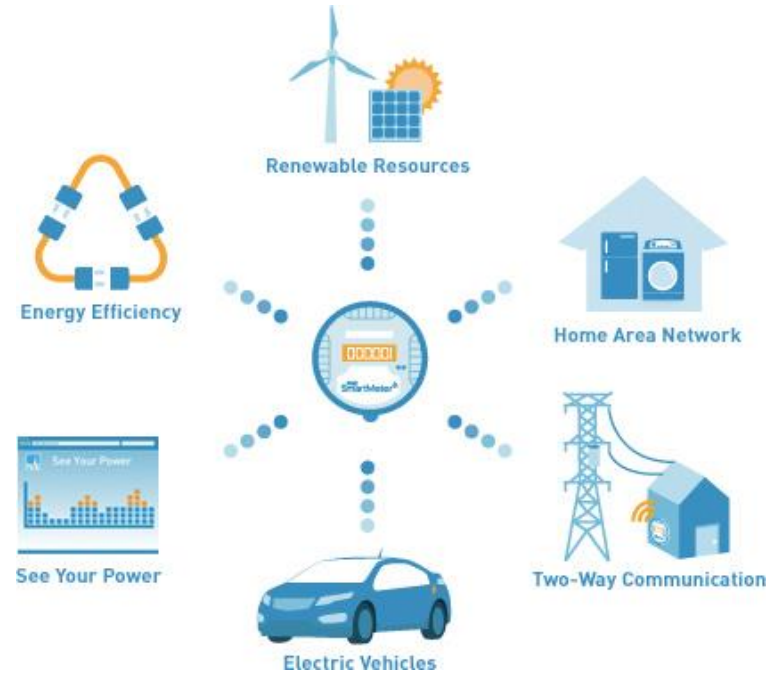


THE INCREASING ELECTRIFICATION OF TRANSPORT AND POSSIBLY HEAT

Vehicle charging infrastructure



Smart grids that share power



NEW TYPES OF SKILLS AND JOBS

Vehicle mechanic / electrician



Trained energy efficiency installers



www.trustmark.org.uk

THREE ACTIONS FOR CAMDEN

1. Encourage the infrastructure that enables car sharing and electric vehicles;
2. Don't install cooling in any council buildings and encourage relaxed clothing in summer and extra layers in winter;
3. Encourage local businesses to plan for the risks and opportunities around climate change.