

Transforming London into the Energy Neutral City

UK Group

ECTP Young Planners Workshop 2014

Presentation 1 – 4th March 2014

Our Presentation

- UK Team
- Key Questions
- Our Approach
- Objectives



UK Team

- Our team have a range of backgrounds and experience working for the local Government (public sector), Developers (private sector), consultants and students.
- Backgrounds in planning, urban design, economics, transport.

UK Team.

Zoe Green (Co-ordinator) – Senior Planning Consultant, Atkins

Rachel Ferguson – Planning Consultant, CBRE

Jonathan Manns – Associate Director, Colliers International

Donald Messenger – Planning Consultant, Deloitte

Harry Manley – Planning Consultant, Deloitte

Jonathan Douglas Green – Planning Consultant, Mott MacDonald



London

- Considerable energy challenges;
- The London Mayor aims to achieve **60% reduction in CO2 by 2025:**
 - Target is more ambitious than the EU objective of 40% reduction by 2030;
- Rising population – 8.4 million and rising;
- Rapidly growing economy;
- **Ageing electricity distribution infrastructure;**
- Reliance on resources beyond borders;
- Political pressure towards more decentralised energy sources

Key Questions

- **“How can London become a less energy and carbon intensive city?”**
 - Current 5.9 tonnes per person per year
- **“How can we move to a lower carbon energy system, which is both more secure and affordable for London’s population and businesses?”**

Our Approach – instruments and policies

1. Analyse existing planning instruments and policies;



THE LONDON PLAN

SPATIAL DEVELOPMENT STRATEGY FOR GREATER LONDON
JULY 2011

MAYOR OF LONDON



SUSTAINABLE DESIGN AND CONSTRUCTION DRAFT SUPPLEMENTARY PLANNING GUIDANCE

JULY 2013

PUBLISHED FOR PUBLIC CONSULTATION

LONDON PLAN 2011
IMPLEMENTATION FRAMEWORK

MAYOR OF LONDON



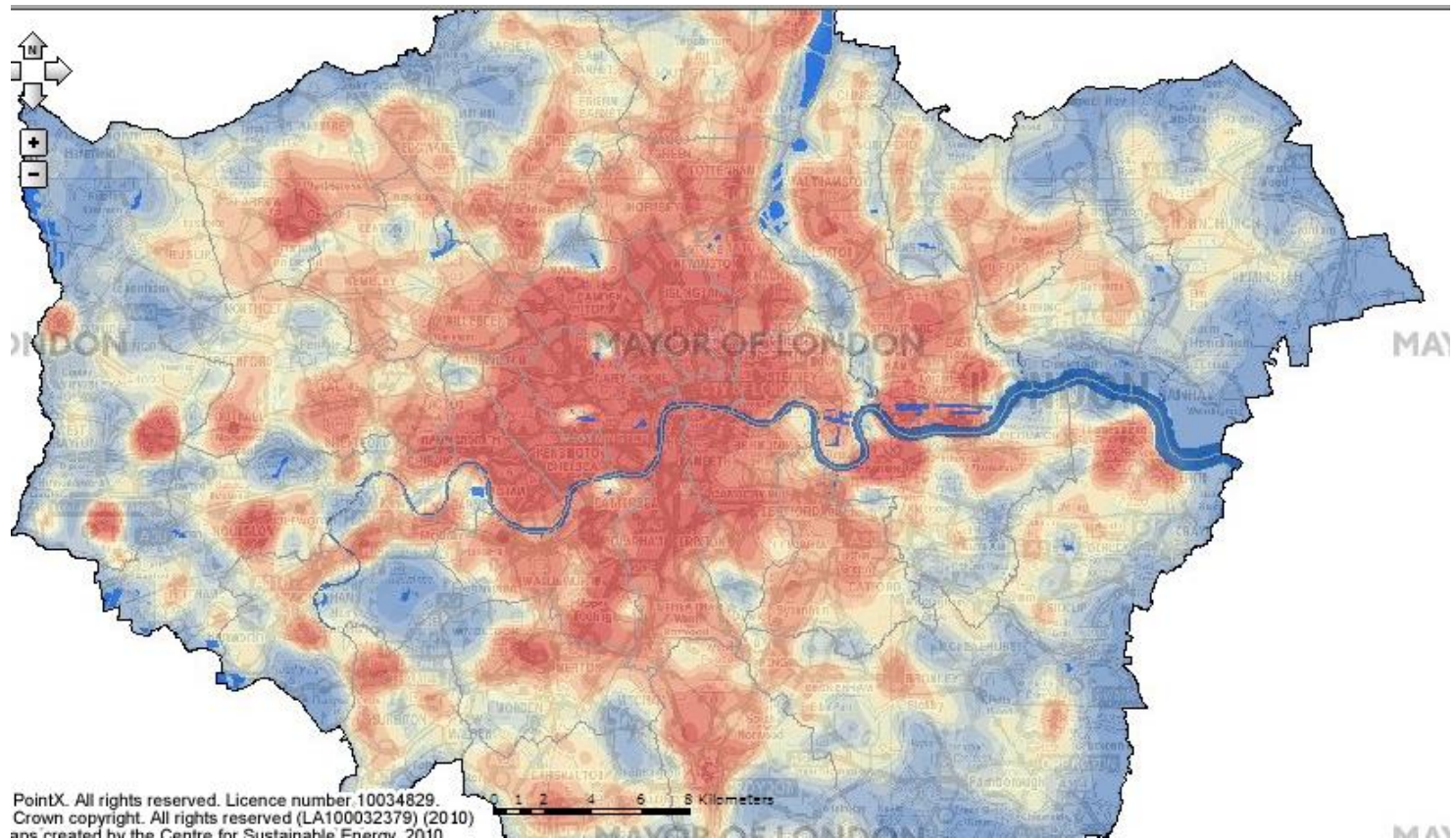
DELIVERING LONDON'S ENERGY FUTURE: EXECUTIVE SUMMARY

THE MAYOR'S CLIMATE CHANGE MITIGATION AND ENERGY STRATEGY
OCTOBER 2011

MAYOR OF LONDON

Our Approach – instruments and policies

London Heat Map – to identify decentralised energy opportunities



Our Approach – Case Studies

2. Exploring these through best practice case studies:

- Local level - Brixton Community Energy Project;
- District level - Stratford City and the Olympic Park.



Objectives

To identify new approaches that could be adopted to facilitate London's transformation and also be applied across Europe, to address important issues such as heat loss, local energy generation, energy prices and security.