



**European Union**

European Regional  
Development Fund

**MAYOR OF LONDON**

# Retrofit Accelerator - Homes

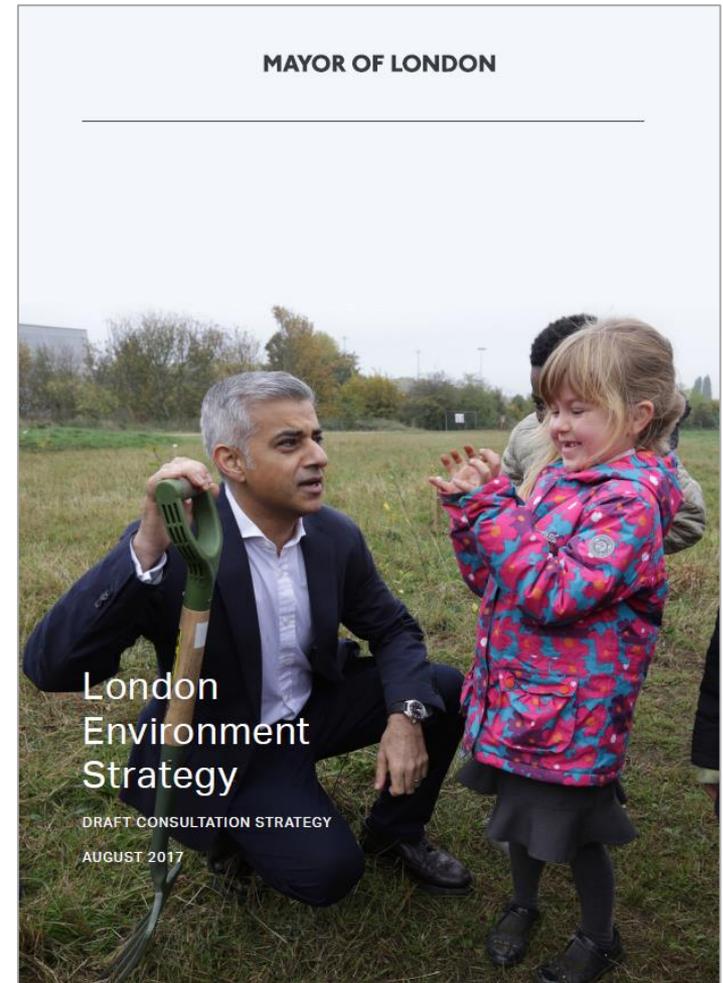


# GLA CONTEXT – ZERO CARBON AND LONDON ENVIRONMENT STRATEGY

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## Ambition includes:

- Zero carbon city
- Zero waste city
- World health organisation pm2.5 targets for air quality
- Increase green cover to 50%
- Action plans for fuel poverty and solar
- New funding to catalyse action
- New businesses cases for energy efficiency and green infrastructure



## Retrofit Accelerator - Homes

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- Aims to transform the way London retrofits its ageing and energy-inefficient housing to create warm, affordable and ultra-low carbon homes
- Part of the Mayor's **Energy for Londoners** programme and is designed to speed up the pace of cutting carbon emissions and achieving zero carbon by 2050
- With the backing of the **European Regional Development Fund**, the Retrofit Accelerator for homes will help tackle the climate emergency and reduce energy bills, through insulation and low carbon heat and power solutions

# The aims of Retrofit Accelerator – Homes programme

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- Help to London boroughs and housing associations to develop energy efficiency projects at scale with technical and commercial solutions.
- Get started on 1,600 whole-house retrofits in Greater London over the next three years.
- Create a market for the low carbon and environmental goods and services sector, creating new, high-skilled jobs.
- Unlock funding and low-cost finance for energy efficiency projects.
- Tackle fuel poverty by making homes warmer and more affordable.

# Overview of the service

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- **Delivering technical support service**
  - Technical assistance for deep-retrofit
  - Unlocking funding and finance
  - Instigating the roll-out of new delivery mechanisms
  - Piloting area based retrofit schemes
- **Key differences from RE:NEW**
  - More carbon per home – target of 60% reduction (averaged)
  - Deeper retrofit, multi-measure
  - Focus remains on social housing but wider goal to enable ‘area-based retrofit’
  - Laying foundations for a future sustainable retrofit market

# The team and progress so far...

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- **Delivery team led by Turner & Townsend, supported by**
  - Energiesprong UK – embracing a net zero energy approach
  - Carbon Trust
  - PA Consulting
  - Camargue & Baker Baird
- **Our Delivery Strategy**
  - Building a ‘collective commitment’ to over 2,000 homes procured
  - Driving down costs of deep retrofit by 50%
  - Bridging the funding gap
- **Progress since contract mobilisation May 2019**
  - £3.4m capital subsidy secured from BEIS, plus more from ECO3i
  - Supporting 6 housing organisations initially
  - Fully funded pipeline of over 1000 homes, with potential of > 10,000

## A blended, open approach

- Building a future sustainable market for industrialised, deep whole house retrofit
- “Whole house approach” : no regrets & starting with end in mind
- Targeting net zero emissions  
(60% avg CO2 reduction, 2.47 tonnes – rest from grid decarbonisation)

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## Low carbon, warm, desirable homes



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This is **replicable** at scale. Let's innovate and **scale it up** so **income and savings** can fund the work!



**Questions?**