

MAYOR OF LONDON

Energy for Londoners

January 2017



Manifesto Commitments

- Committing London to an ambitious target of becoming a zero-carbon city by 2050
- Establish Energy for Londoners, a not-for-profit company providing a comprehensive range of energy services to help Londoners generate more low-carbon energy and increase their energy efficiency, support local and community energy enterprises, and buy clean energy generated across the city, using it to power GLA and TfL facilities.
- Lead on work to cut energy bills for Londoners by promoting the rollout of smart meters and exploring the business case for potential savings on bills by bulk-buying energy.

Energy for Londoners

- Umbrella brand for Mayor's programmes on energy efficiency, renewables and fuel poverty
- Key objectives are to reduce carbon dioxide emissions and alleviate fuel poverty through:
 - energy efficiency and buildings retrofit
 - increased generation of clean energy
 - low carbon heat
 - fair and more affordable energy tariffs
 - better, more effective, use of energy

Energy for Londoners: Priority areas

- Zero carbon modelling
- Not for profit energy company
- Buildings energy efficiency
- Fuel poverty
- Smart energy
- Solar and community energy
- Low carbon energy supply
- Supply chain
- Green finance

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- **Zero carbon modelling**
 - Determining the pathways to achieving (net) zero carbon by 2050 in London and possible sectoral trajectories and policies
 - High level modelling will be available in March 2017 in order to inform the ambition needed in London Plan as well as the transport, environment and economic strategies
 - Further detailed modelling and scenarios will be developed through 2017 in parallel to the strategy consultations in order to finalise policies in the final versions of the strategies
- **Energy supply company**
 - Internal analysis of options available for energy supply company – range from White Label to Full Supply Licence
 - In process of commissioning an external options appraisal and business case for preferred option
 - Will continue to engage with boroughs both collectively and on an individual basis
 - Decision expected in Spring 2017

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- **Buildings energy efficiency**
 - RE:FIT (public buildings) is funded until mid-2019
 - RE:NEW (homes) has struggled as a result of changes to government policy and its current funding ends in July 2017
 - Focussing on how best to deliver support to household energy efficiency improvements through RE:NEW and other programme support
 - Exploring how we can stimulate demand for energy efficiency in privately owned homes and the private rented sector
- **Fuel poverty**
 - Development and implementation of the Fuel Poverty Action Plan which will be published in Spring 2017
 - Stakeholder and borough discussions about how best to support efforts to alleviate fuel poverty without duplicating the good programmes currently being implemented
 - Better Boilers scheme is also being piloted as part of the development of the Action Plan securing £1m capital which will help around 500 households keep warm this winter

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- **Solar and community energy**
 - Solar Action Plan is being developed, and will be published in Spring 2017
 - Clarify our approach to promoting solar and community energy
 - Online mapping of solar potential
- **Decentralised and clean energy**
 - Next phase of the Decentralised Energy support programme due to launch shortly
 - It will provide a wide range of technical support to ensure successful development and implementation of renewable and low carbon energy supply projects
 - Viability of Licence Lite will be tested over the next month when we call a mini-competition to buy power from the framework generators
 - Assuming all goes well, we would be expecting the first electricity exchange with TfL to take place in April.
- **Smart energy**
 - Smart meters are an important enabler for demand side management and behaviour change
 - Working with key stakeholders to understand how best to increase the rollout rate in London
 - Potential pilot of demand side response mechanisms in households to understand the potential at this scale

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- Green finance
 - Underpinning all of our work
 - Unlocking low cost capital and aligning it to where it is needed on the ground, through effective finance mechanisms, is the key to making significant progress on retrofit and low carbon energy generation
 - Comprehensive mapping project of available private and public sector capital funds, including requirements and boundaries for its use to support different project risk levels to be completed by the end of 2017
- London supply chain
 - Limited supply chain and often-cited higher costs of delivery within London are major challenge to
 - Need a healthy, vibrant supply chain to achieve our decarbonisation ambitions
 - Map the existing supply chain and work with skills and training providers
 - Mapping project will be completed in late 2017

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