

MAYOR OF LONDON

RE:FIT LONDON NEWSLETTER AUTUMN 2017

Welcome to the Autumn 2017 edition of the RE:FIT Newsletter.

WHAT'S NEW?

Despite economic uncertainties across the UK and London in particular the interest in RE:FIT remains strong.

There has also been a flurry of activity by the RE:FIT London programme team, in carrying out a series of post contract reviews, reaching back into RE:FIT projects delivered across London over the last six or seven years to sample project outcomes, test whether the energy performance guarantees have delivered and to learn lessons to help RE:FIT clients – current and future – to deliver their energy savings projects efficiently.

REFIT's Innovation team has also run a series of workshops, to help understand the public sectors barriers to delivering energy efficiency measures quickly. The team brought together past and present RE:FIT clients, who from their collective experience of RE:FIT energy efficiency measures, could help influence and speed up future use of the framework and procurement of energy efficiency retrofit in general.

For more information please visit our website [here](#).



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WHAT HAS RE:FIT LONDON ACHIEVED SO FAR?



This current phase of RE:FIT runs from April 2016 until August 2019 and the challenge has been set to achieve further energy and carbon savings over this programme duration to drive further savings of **68 MWh** and **23,477 tCO₂** across **435 public sector buildings** throughout London.

The RE:FIT programme team recognises that this is a challenge as many London Boroughs, NHS Trusts, Schools and Universities have already worked hard to drive down energy usage, yet huge potential to save further energy and money remains! The recently released UK Government's Clean Growth Strategy highlighted energy efficiency as a key priority, naming RE:FIT as a recognised delivery route.

The RE:FIT London team is also working closely with its UK wide partners Local Partnerships and Refit Wales (Cymru) as many of the clients we have engaged this year have buildings throughout UK, not solely based in London region.

So far across UK, RE:FIT programme achievements are as highlighted in the adjacent regional graphic

.....
200+
PUBLIC SECTOR
ORGANISATIONS PARTICIPATING

.....
30k
TONNES OF CO₂ SAVED
EACH YEAR

.....
550+
BUILDINGS SUPPORTED
FOR RETROFIT

.....
£102m
TOTAL INVESTMENT
IN RETROFIT PROJECTS

.....
149k
TONNES OF CO₂
SAVED SO FAR

.....
£7.1m
PUBLIC SECTOR COST
SAVINGS EACH YEAR



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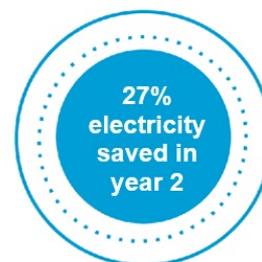
PROJECT HIGHLIGHT

London Borough of Sutton (LBS)

LBS used the RE:FIT programme to support its carbon management plan, by delivering energy efficiency across the Boroughs' buildings, and driving down both energy consumption and carbon emissions. The selected buildings for this phase of RE:FIT ranged libraries, offices, depots, a public hall and the LBS Civic Centre; nine buildings of varying age, condition and usage.

Energy conservation measures used so far in LBS's buildings include:

- Lighting upgrades
- Voltage optimisation
- Boiler control upgrade
- Heating system insulation



Annual Reconciliation Reports, essential to ensure that the energy performance contract is delivering in accordance with the service provider's guarantee, have proved that after two years of operation, the energy performance is in accordance with targeted savings, and highlighted particularly high savings in electricity usage of 27% reduction.

LBS has taken advantage of RE:FIT's guaranteed energy savings and CO₂ reduction which has reduced the Borough's carbon footprint in this 2nd year, by 484 tonnes of CO₂ - that's equivalent to the annual carbon emissions of almost 130 annual averaged-sized homes.

"RE:FIT is a very effective program as it tackles the one most sensitive issues of any energy efficiency investment: up-front costs. Combined with guaranteed savings, it is a no brainer for any local authority" **Rodrigo Matabuena – LBS Energy Manager**



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PROJECT PIPELINE

Since the new framework started in 2016, over 12 clients have signed “Access Agreements”, which provides a more structured agreement for Clients intending to use RE:FIT. This is the first stage of the RE:FIT process and we have eight clients benefiting from the FREE support of the RE:FIT Programme team as they work through business case, invitation to tender documentation and the procurement process. In addition to those, a further eight clients are currently engaged with RE:FIT service providers who are working up designs for energy retrofit works (also known as Investment Grade Proposals).

Our London RE:FIT clients range across sectors; London Boroughs, GLA Group, NHS Trusts, Schools – both Local Authority maintained and Academy groups – Universities, Colleges, Culture, Heritage and Central Government departments. The energy saving projects identified range in capital investment value c.£10,000 to c.£5,000,000 – with a myriad of technologies and installations from lighting, controls, heating installations, CHP and renewables including solar PV.

EVENTS

Looking back over the year, there have been a number of events and conferences at which RE:FIT has been present to speak, network and share knowledge. These include;

- Carbon Trust – February 2017, RE:FIT conducted a workshop on the framework
- Associations of Colleges – March 2017, RE:FIT hosted the AoC and presented the framework
- Building Europe (ESCO Congress) – April 2017, RE:FIT presented in Amsterdam on energy efficiency
- G20 Energy Efficiency Forum – May 2017, RE:FIT presented retrofitting in Hamburg
- CITYinvest Latvia – May 2017, RE:FIT presented in Riga exploring innovative financing in energy retrofits
- The Public Sector Show – June 2017, RE:FIT spoke on retrofitting solutions
- Skills for Londoners – August 2017, RE:FIT presented to HE on how we guarantee the reduction of their CO2 and energy cost
- Roundtable on Finance for Energy Efficiency – November 2017, RE:FIT discussed in Copenhagen on making energy efficiency attractive for the financial sector
- London Environment Director’s Network – December 2017, RE:FIT has been hosting the event and presenting the programme

View our events in more detail [here](#).



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RE:FIT – WORKING WITH PARTNERS

The RE:FIT programme has been available for many years and therefore over this time, the team has met and worked with many organisations seeking to drive down energy usage and save money.

The recent release of the draft London Environment Strategy also gives important context to what the London Mayor is seeking to achieve and how RE:FIT might support. The full draft strategy can be found [here](#).

Over the last year, RE:FIT has been creating further opportunities by working with new partners including;

- [Ashden Foundation - Less CO2](#) and its schools change programme focussed upon environmental matters within schools
- [London Councils](#) – we are working with them to form the strategic partnership to promote RE:FIT across their membership and engage with their various working groups.
- [London Energy Project](#) – collaborating with its membership to provide training support to help with monitoring and verification (M&V) and verifying energy savings – an essential part of the RE:FIT energy performance guarantee
- [Eco Action Games Schools Programme](#) – working with schools to fund a series of educational sessions to help schools to save energy and raise awareness of environmental efficiency.

Get in touch to find out more at refit@london.gov.uk or visit us www.london.gov.uk/refit



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