

MAYOR OF LONDON



**INTRODUCING
RE:FIT LONDON**

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RE:FIT LONDON ASSISTS PUBLIC SECTOR TO MEET CO₂ EMISSION REDUCTION TARGETS

TODAY

2020

- 20% fewer greenhouse gas emissions (vs. 1990)
- 20% increase in renewables
- 20% cut in energy

2025

- London Mayor's Climate Change Target
- 60% fewer greenhouse gas emissions (vs. 1990)

2050

- UK Climate Change Act
- 80% fewer greenhouse gas emissions (vs. 1990)



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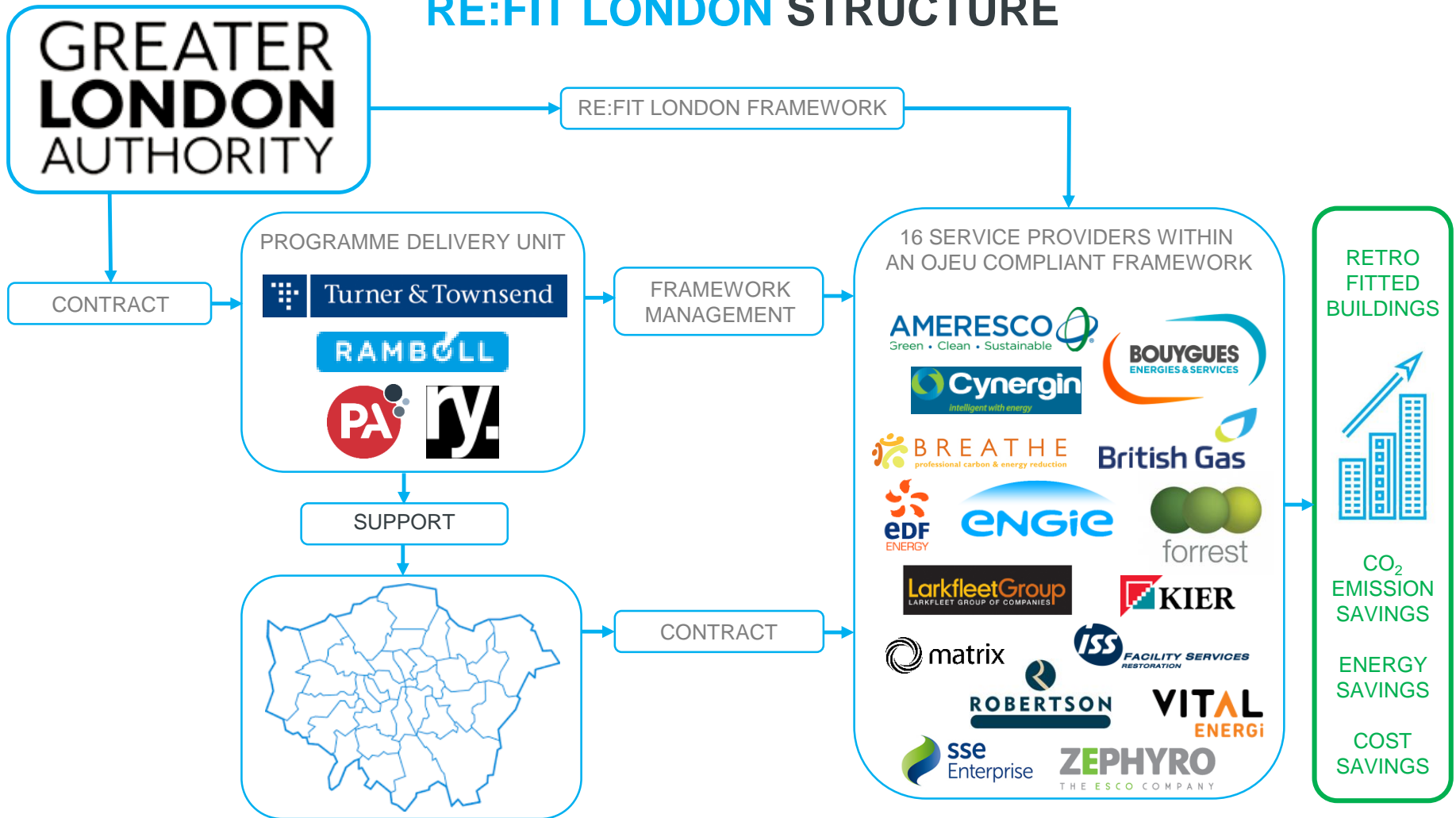
WHAT IS RE:FIT LONDON?

- The Mayor of London's **award-winning building retrofit programme** for public sector organisations
- Fast-track **OJEU compliant** framework with 16 service providers to choose from
- A **tried and tested** Energy Performance Contracting model in place since 2010
- A **Programme Delivery Unit** that provides technical assistance and continual support from design to implementation free of charge
- **Guaranteed** to save you money and energy
- **Reduces 15–25%** of organisations' energy costs



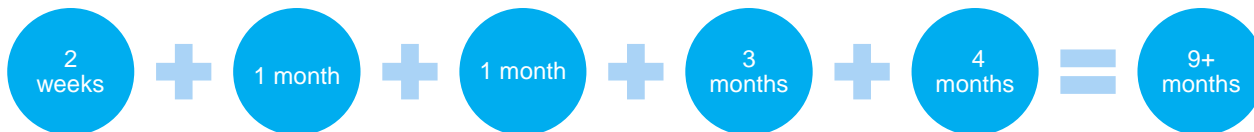
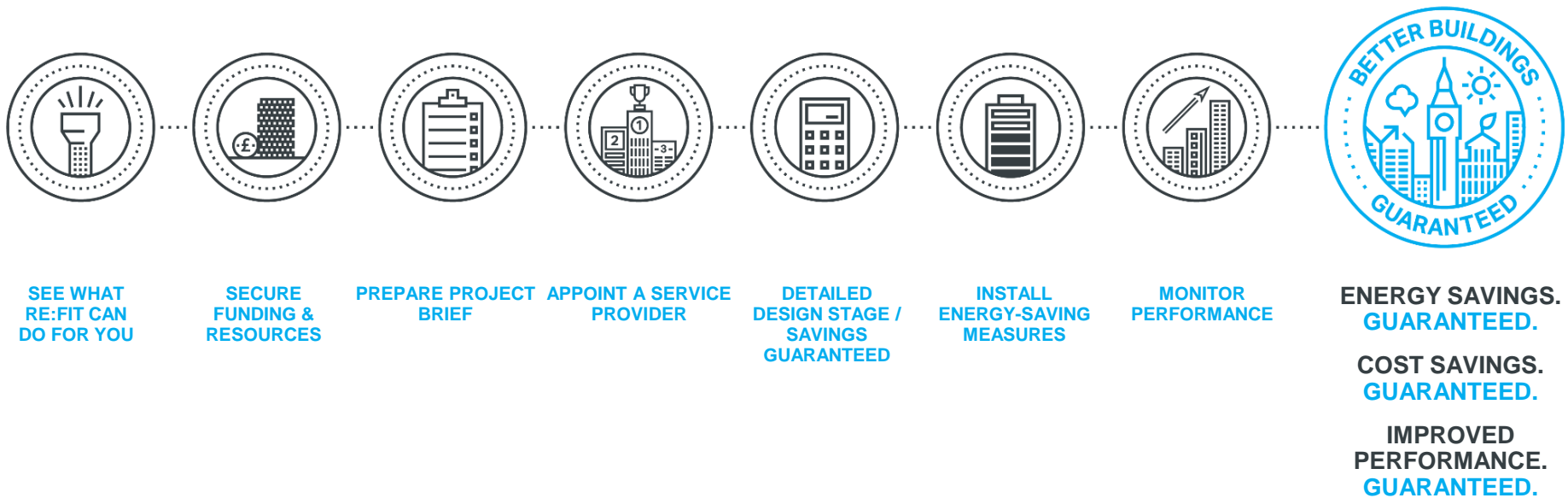
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RE:FIT LONDON STRUCTURE



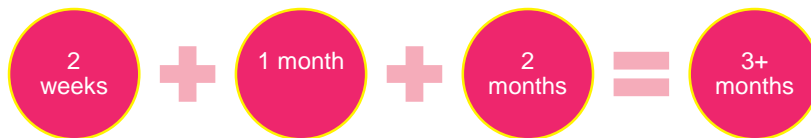
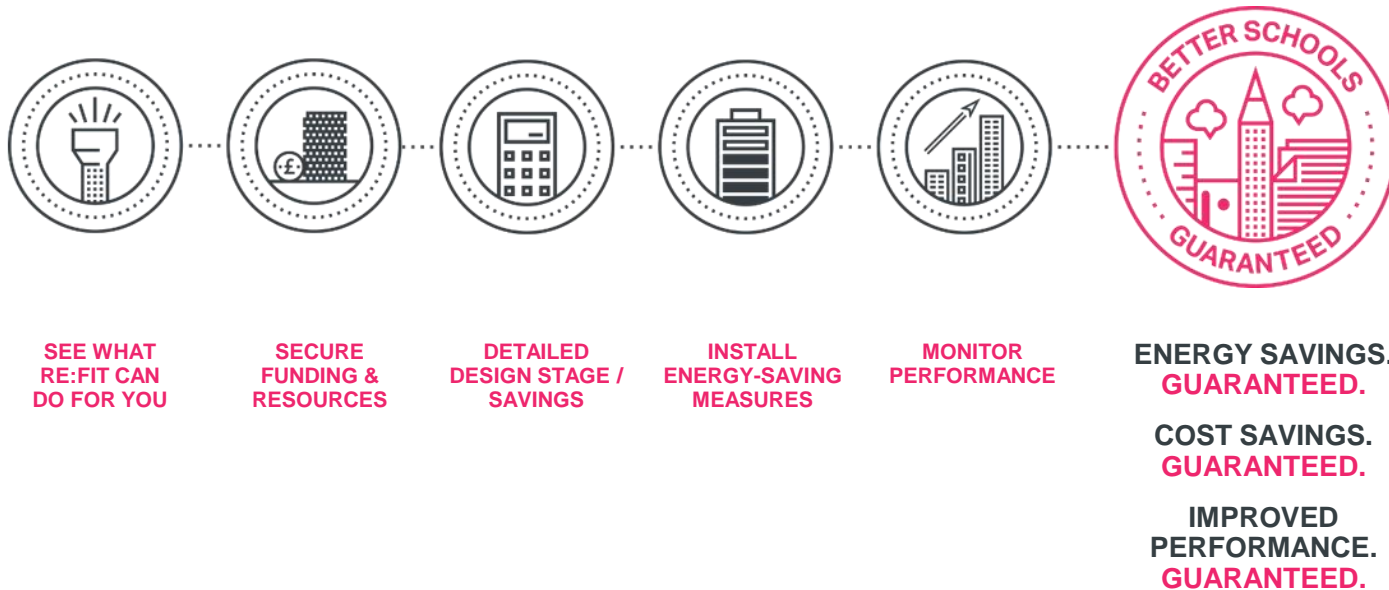
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HOW DOES RE:FIT LONDON WORK? IT'S A SIMPLE SEVEN STEP PROCESS



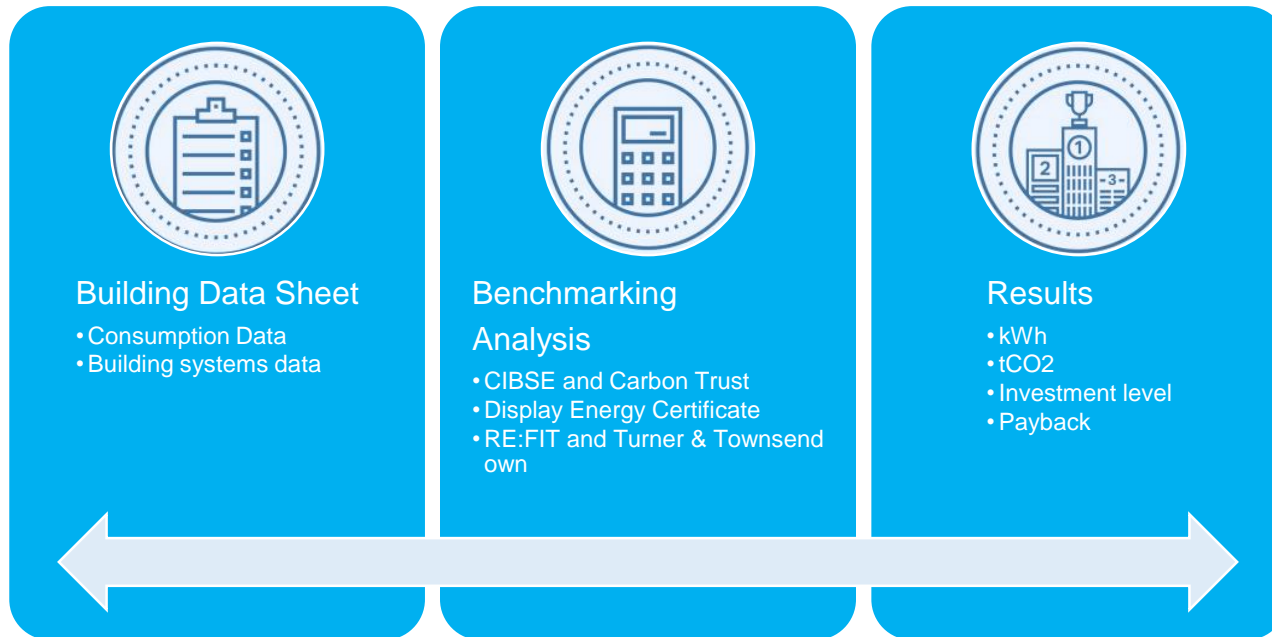
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HOW DOES REFIT LONDON **WORK**



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BENCHMARKING PROCESS



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FUNDING YOUR PROJECT



RANGE OF FUNDING OPTIONS

Own funding

Direct borrowing

Third party finance, including 'off- balance sheet'

A mix of the above

SALOX
SOLVING ENERGY EFFICIENCY
FINANCE IN THE PUBLIC SECTOR

LONDON
ENERGY
EFFICIENCY
FUND



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WHAT HAS RE:FIT LONDON ACHIEVED SO FAR?

200+

PUBLIC SECTOR
ORGANISATIONS PARTICIPATING

30k

TONNES OF CO₂ SAVED
EACH YEAR

680

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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RE:FIT A STEP FORWARD

To further assist London becoming a world leading low carbon capital city RE:FIT is supporting public sector to deliver renewable energy schemes.

Achievements to date:

- **Over 1.9GWh annual PV output** supported through RE:FIT
- Hounslow's Western International Market **is the largest array of solar panels** installed by any local authority in the UK.
- Cutting emissions by more than **970 tonnes a year**
- Supporting schools **to install solar PV**



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RE:FIT ENGAGED ORGANISATIONS

London Boroughs



Education



Central Government



NHS & Health



Culture & Heritage



GLA Family



RE:FIT Schools



Other Organisations



RE:FIT SMEs



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SINCE WE STARTED, **WE'VE WON**
NUMEROUS AWARDS FOR OUR WORK



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WHAT HAVE WE LEARNED TO MAKE A PROJECT MORE SUCCESSFUL?

- **Accurate building data** is important
- **Internal representative is key to delivering a successful project**
- **Senior level buy in** demonstrates commitment to service providers
- **A ring fenced budget** will improve results and increase potential savings
- **Internal awareness of energy performance** improves the impact of projects
- **Stakeholder engagement** is key
- **M&V training** is key for ensuring savings realisation



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SOME RELEVANT CASE STUDIES

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HELPING LSE BECOME A LEADER IN SUSTAINABILITY

“Retrofitting our buildings is critical for hitting our carbon reduction targets, but it’s a struggle to systematically deliver improvements. RE:FIT has been a brilliant solution for us. It’s enabled my team to overcome our barriers to delivery and get savings moving and we’re looking forward to our next RE:FIT phase.”

KEN KINSELLA

DIRECTOR OF CAPITAL INVESTMENT,
LONDON SCHOOL OF ECONOMICS

.....

1278

TONNES OF CO2
SAVED EACH YEAR

.....

£250K

SAVED EACH YEAR

.....

11%

ANNUAL ENERGY
SAVINGS

.....

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HELPING KEW GET EVEN GREENER

“With RE:FIT we have been able to quickly and easily procure the expertise we need, allowing us to work to tight timeframes and deadlines.

Having completed two projects through RE:FIT already we are part way through a third which we hope will generate the biggest savings yet, helping us reach our 25% CO2 emission reduction target.

The framework provides confidence and reduces risk by requiring suppliers to guarantee energy and financial savings.”

SACHI FINDLATER
ENERGY MANAGER

720

TONNES OF CO2
SAVED EACH YEAR

£120K

SAVED EACH YEAR

6

YEAR PAYBACK
PERIOD

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DELIVERING A CARBON-ZERO ZONE IN HOUNSLOW

“We implemented a solar PV energy and battery storage project that demonstrates LB Hounslow’s aspiration to convert Western International Market to a carbon-zero site. It is a real business success story, and a great example of working together with the RE:FIT PDU, to put sustainable energy at the heart of future plans.”

CHARLES PIPE
ENERGY MANAGER,
LONDON BOROUGH OF HOUNSLOW

780

TONNES OF CO2
SAVED EACH YEAR

£247K

SAVED EACH YEAR

6069

PV PANELS
INSTALLED

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WAVERLEY SCHOOL ENFIELD

“RE:FIT has enabled our school to upgrade the bulk of our obsolete plant with new state of the art technology. It has enabled us to produce huge savings on our energy bills and has given us total control over energy management through our new building management system. We have found that RE:FIT has increased the staff and students awareness and understanding saving, and the positive impact to the environment of carbon reduction.”

GRAHAM WILLIAMS
BUILDING MANAGER

163

TONNES OF CO2
SAVED EACH YEAR

£30K

SAVED EACH YEAR

8

YEAR PAYBACK
PERIOD

