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Epsom and St Helier University Hospitals NHS Trust invests c. £32million on Fabric and Energy Projects

Breathe, as part of the Mayor of London's RE:FIT programme, are working in partnership with Epsom and St Helier University Hospitals NHS Trust on a programme of retrofitting works that will significantly reduce energy costs and CO₂ emissions. Following a very successful fabric improvement programme which completed in February this year, Breathe are also delivering critical infrastructure upgrade schemes at both Epsom and St Helier Hospitals. The majority of this project is to be financed from the London Energy Efficiency Fund ("LEEF") and the recently launched Mayor of London's Energy Efficiency fund ("MEEF"), both of which are managed by Amber Infrastructure.

The fabric improvements at St Helier have included structural repairs, updating external wall insulation and window replacements of the St Helier Hospital B and C blocks. The investment made by the Trust in this project will ensure an extension to the life of the hospital's façade for many years to come and the fast track delivery of the backlog maintenance will deliver huge savings.

Breathe was appointed to examine ways to reduce energy costs and improve energy infrastructure at these sites under the Mayor of London's RE:FIT programme. As part of the project scope developed by Breathe, on the St Helier site, the steam central boiler plant will be replaced by new energy efficient boilers and a low NOx Combined Heat and Power Plant will reduce ongoing operating costs. Steam systems throughout the hospital will also be replaced by easier to maintain low temperature hot water piping. Lighting, control systems and heating, ventilation and air conditioning systems will also be replaced or upgraded, creating a safer, well equipped environment which promotes the wellbeing of staff and patients.

On the Epsom site, the Hospital is undergoing a significant transformation with the relocation of core energy services to accommodate a land sale. The project will see a new high efficiency central boiler plant, a new combined heat and power plant plus a new standby generator installed in a novel design intended to minimise spatial requirements for this new equipment and maximise the space available across the site. The lighting systems throughout the hospital will also be upgraded, providing a higher quality environment for patients and staff.

As part of the RE:FIT programme Breathe will provide a long term performance guarantee to ensure the investment made by the Trust is underpinned by energy savings.

Trevor Fitzgerald, Director of Estates, Facilities and Capital Projects at Epsom & St Helier University NHS Trust says: “We are excited to be the first energy savings project funded by the Mayor’s MEEF fund and look forward to working with Breathe, LEEF, MEEF and RE:FIT to deliver this critical project for the Trust. The programme of works will bring significant energy saving investments to the Trust’s estate allowing it to greatly reduce its CO₂ emissions and energy consumption.”

Shirley Rodrigues, Deputy Mayor for Environment and Energy, said: “St Helier University Hospital is leading by example in retrofitting its buildings through the Mayor’s RE:FIT and MEEF programmes in order to save energy, reduce bills and provide a more comfortable experience for staff and patients.

“This is expected to save £1m a year from energy bills and reduce carbon emissions by 27 per cent. The Mayor and I want to see other NHS Trusts in the capital take advantage of RE:FIT and MEEF and help London on the path to becoming a zero carbon city by 2050.”

Gary Parke, Managing Director of Breathe says: “This is an excellent opportunity for Breathe, to continue to work with the Epsom and St Helier University Hospitals NHS Trust on this extensive programme to upgrade and improve both the fabric and energy infrastructure of these two sites and deliver significant savings whilst increasing efficiency.”

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[Breathe](#) is a leading Energy Services and Energy Performance Contracting organisation based in the UK. Breathe delivers energy and carbon reduction, infrastructure renewal and improved operating environments for its clients. Founded in 2010, Breathe has built an outstanding reputation in project development, in-house engineering and programme delivery in both the public and private sectors, realising significant savings in energy usage, cost and CO₂ emissions.

RE:FIT is part of the Mayor's £34 million Energy for Londoners programme which aims to make London's homes warm, healthy and affordable, its workplaces more energy efficient, and to supply the capital with more local clean energy.

RE:FIT London is an award-winning and tried and tested programme used to help make London's non-domestic public buildings and assets more energy efficient. The programme, established in 2009, not only reduces carbon emissions but also results in large guaranteed energy savings for the public sector (typically around 15-25 per cent). RE:FIT London provides free technical assistance and support to public sector organisations and access to an easy-to-use Energy Performance Contracting framework of 16 service providers.

About Amber

Amber Infrastructure Group is a leading international infrastructure specialist, providing asset management and investment advisory services in respect of over £8 billion of assets in the UK, Europe, Australia and North America. Amber's core business focuses on sourcing, developing, advising on, investing in and managing infrastructure assets including regulated utilities, social infrastructure and sustainable energy. Amber provides investment advisory services to International Public Partnerships Limited as well as private investment funds, specialising in urban regeneration and digital infrastructure. Amber is headquartered in London with offices in Munich, Sydney, San Francisco and New York and employs over 120 people, making it one of the largest international infrastructure specialists.

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