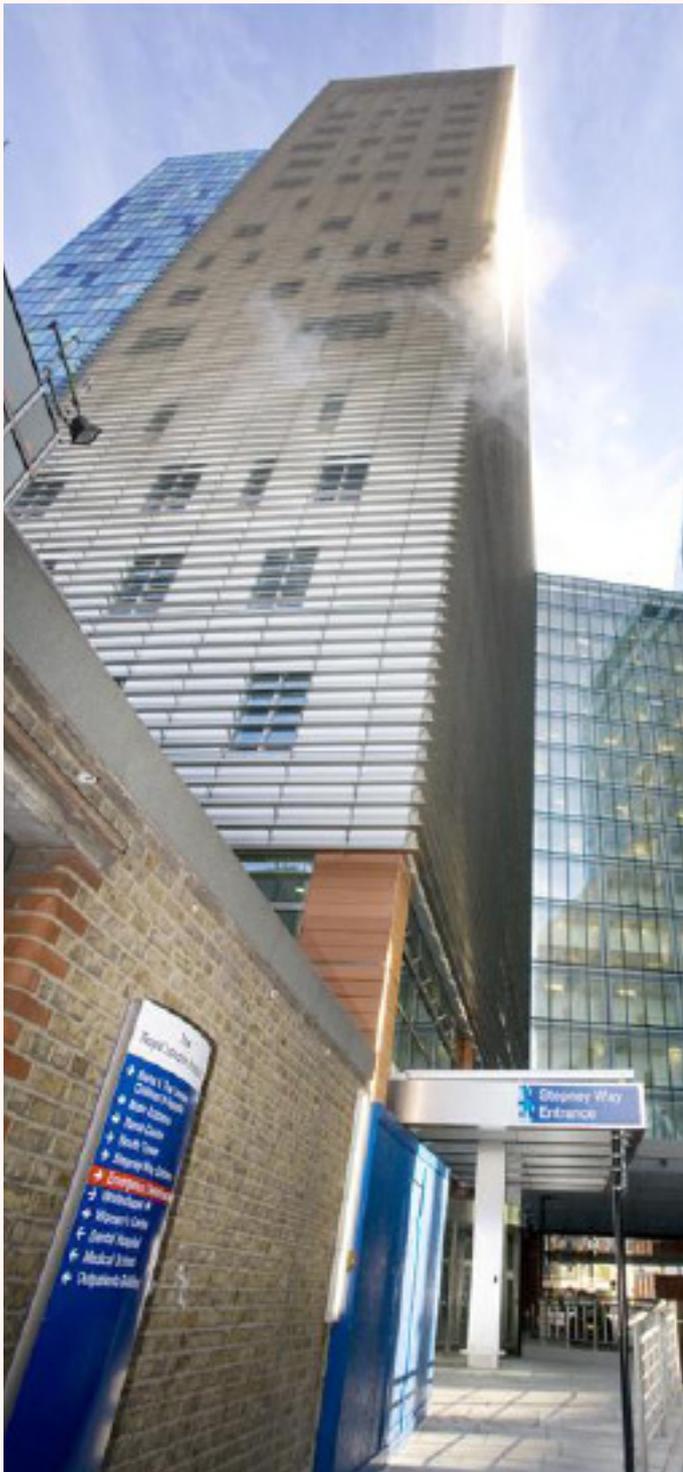




## Case Study

### SAVING WATER

### BARTS AND THE LONDON NHS TRUST



**Barts and The London, now part of Barts Health NHS Trust, is a large Acute Hospital Trust in central and east London. It employs 8000 staff and on average deals with 750,000 patients annually.**

The Trust spends around one million pounds a year on water, which makes up 20% of its overall utility expenditure.

The Trust has worked hard to reduce its CO<sub>2</sub> emissions across all services including energy, waste, water, travel and procurement and has reduced its building energy emissions by 43%.

This has helped the Trust achieve the Carbon Trust standard. Since 2009 the Trust has been making significant reductions in its water usage saving hundreds of thousands of pounds and millions of litres of water.

#### **How was sustainability improved?**

Barts began reducing its water usage and its water bills when it joined the AquaFund scheme in 2009. Under the scheme Barts received a full grant,



consultancy advice, site audits and state-of-the-art water saving technologies, together with water data and tariff analysis, bill validation services and on-site audits. Since the scheme began Barts and The London NHS Trust has reduced its overall water consumption by more than 30%, saving 100 million litres of water in three years. This is equivalent to reducing the shower time of every Londoner by 10%.

Reducing water consumption has also resulted in significant cost savings for the Trust, with some of those savings going to WaterAid, a charity which provides fresh water to the developing world.

**AquaFund is a private equity scheme. It provides grant money for water saving work at public sector organisations across the country. The savings achieved are split between the company and the Trust with 1% being donated to WaterAid on an annual basis.**



**“There have been water shortages in the South East region of England for a number of years but in February 2012 it was officially declared a drought area. Households and organisations are now being asked to conserve water - something Barts and The London NHS Trust has now been doing very successfully for several years.”**

**Fiona Daly  
Environmental Lead  
Barts and the London NHS Trust**

**“With many areas in drought, it is more important than ever for all organisations to reduce their water consumption. Barts and the London NHS Trust is leading the way in London and have been really forward thinking in their approach to the environment.”**

**Patrick McCart  
AquaFund Director**

### **Carbon and Financial Savings**

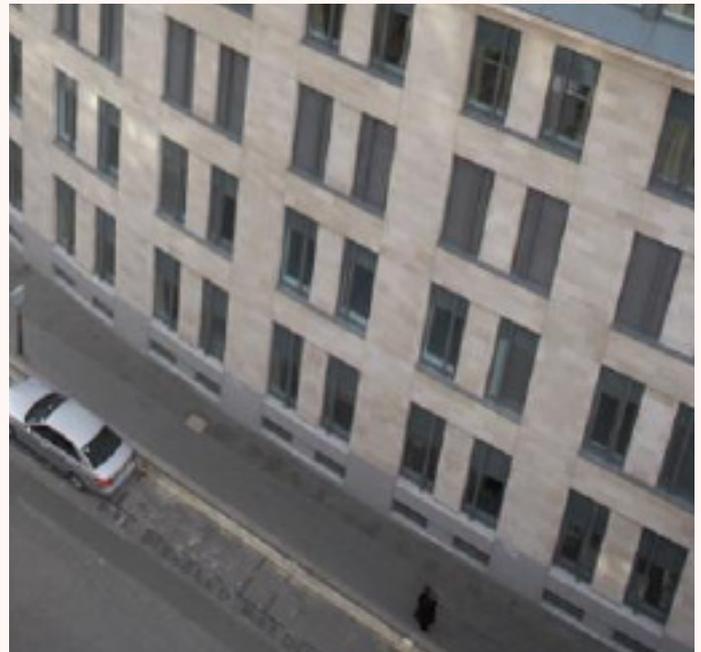
From 2009 to 2012 Barts has reduced its water consumption by 30% saving more than 300,000 litres a year. This has helped the Trust not only reduce its carbon footprint but also importantly it has saved money. Since Barts joined AquaFund the cost of sewerage and water charges has risen significantly but the Trust’s water bill has stayed the same at one million pounds a year. If the Trust had not been making water savings its latest water bill would have been around £1.3M so the organisation is saving around £300K a year on water alone.

### **Any difficulties?**

There were no difficulties. AquaFund carried out a complete site survey, installed all water saving devices, provided maintenance advice and lifecycle information to the Estates teams.

In addition the scheme was subject to an OJEC procurement by the NHS and ADSM, the managing company for Aquafund. This means that NHS organisations can use the framework to procure services

without the need for formal tender, easing the path for procurement for those contracts valued over the threshold, currently circa £100K. The OJEU reference number is 2011/S186-304473.



### **Further Information**

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