



**BUSINESS
ENERGY
EFFICIENCY**
Cambridge &
Peterborough



**Grafham Water
Sailing Club**

ACTIONS

Following a site visit from a BEE advisor, it was identified that further savings could be made by replacing the remaining non-LED lighting. Furthermore, it was identified that Grafham Water uses a 20-year old, inefficient heating and hot water system, consisting of two boilers and two water heaters, which incur high gas consumption. Upgrading to new boilers, completing insulation work and adding TRV radiator valves would lead to significant cost and carbon savings.

RESULTS

Grafham Water received a grant for over £16,000 towards the upgraded heating and hot water system, and are set to save an estimated £1,400 per annum, with carbon savings of 7.5 tonnes and 14% CO2 savings. Heating and water is fundamental to the success of the sailing club, and the support from BEE has assisted Grafham Water in implementing the system to retain their competitive advantage.

COST SAVING	CARBON SAVING	GRANT RECEIVED
UP TO £1,400	7.5 TONNES	£16,000

"For some time we had identified that we needed to overhaul or replace our water heating system: our existing system was over 20 years old, energy inefficient and increasingly unreliable. But to replace it was going to be a major item of expenditure: we are a members' club and as such have limited financial resource. BEE were incredibly helpful in first providing a feasibility study which enabled us to assess the benefits we could derive from a new system and then in providing grant funding which enabled us to press ahead with the project where otherwise we would have had to delay whilst we realised the necessary funds"

John Aston, Commodore, Grafham Water Sailing Club

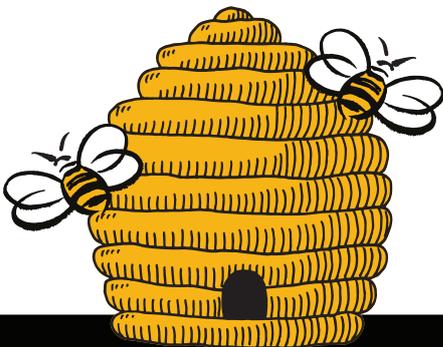
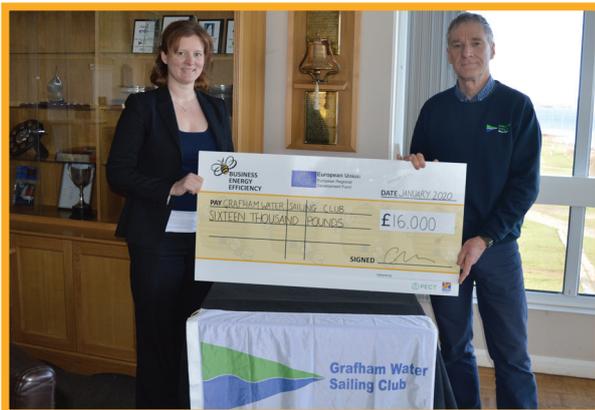
Part-Funded by



European Union
European Regional
Development Fund

BACKGROUND

Grafham Water Sailing Club has been running for over fifty years on its current site on the south side of Grafham Water, 20 miles from Huntingdon. The clubhouse comprises office space, bar area, café and changing facilities. They had already started an LED replacement programme, and approached BEE to determine if further energy efficiency savings could be made at the site.



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