



Mayor's Climate Change Fund Case Study



Stewartby Water Sports Club – Community Amateur Sports Club



Stewartby Water Sports Club was formed at a meeting of water sports enthusiasts in the Bunyan School, Mile Road, Bedford, on September 16th 1971 and the clubhouse, typical of its era, was built in 1972. By 2020 the much loved and well used building had become damp, draughty and almost impossible to heat. The windows had failed and were misty, the draughty fire doors were not fit for purpose, and fuel bills were rising. In 2019 we saw electricity costs rise 30% higher than in 2018, topping £8000 per annum. The club took advice from a qualified energy performance assessor to help develop a plan that would radically improve the energy efficiency of the building, lower our energy bills, and make use of volunteer craftsmen where possible.

Planned Refurbishment

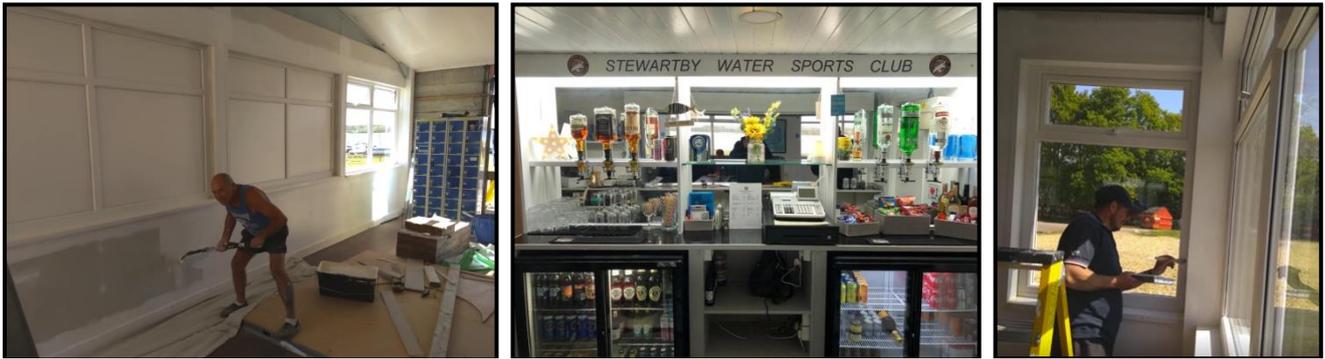
- Replace windows with 24mm double glazed units
- Insulate wall spaces.
- Upgrade to a standard proprietary LED lighting within the lounge area
- installation of an insulated suspended ceiling using minimum 75mm of mineral wool
- replacement of fire doors to meet 2010 building regulations

The club had been advised that the biggest savings would be made by ceiling insulation and the fitting of energy efficient lighting. These works alone would change the building's energy performance rating from an F to a B. To us it would mean that the annual KgCO₂/m² would drop from 1315 to 744 leading to **potential savings of 43% and around £3000 each year.**



Mayor's Climate Change Fund Case Study

The **Mayor's Climate Fund** offered a valuable lifeline by matching 50% of the cost of fitting the replacement fire doors, suspended ceiling and energy efficient lighting, a sum of £7500. These works were completed in May 2020 and officially opened by Councillor Tim Hill on 23rd August, painting and reorganisation of the bar followed.



Although 2020 and 2021 have not been typical years, with the clubhouse closed for much of the time, we hope to see the real savings in 2022. Members have remarked that without the damp and the draughts the building has a totally different feel, and it looks amazing too! Thanks to the **Mayor's Climate Change Fund** and the many voluntary hours spent on the refurb our members now have a much more energy efficient clubhouse that they are enormously proud of.



...The next steps are to replace the ancient boiler and to modernise the changing facilities!