

Community Grant: Reading Sea Cadets



READING
COMMUNITY ENERGY

Project: Insulation of Loft Space in purpose-built training ship

Reading Sea Cadets operate from a large, purpose-built 'training ship' on Brock Barracks but were unable to use their building from 2014 - 2018 due to unsafe roof conditions. They managed to raise £86,000 to repair the roof and are now delighted to be back in the unit. However, there was no insulation in the roof space leading to significant heat loss and an increase in electricity used to run the building's heaters.

Grant Value:

£1,887

To solve this problem, Reading Community Energy Society provided a grant of £1,887 to cover the full cost of the project. The Sea Cadets were then able to insulate their roof space using a flexible, low density glass mineral wool quilt, which is lightweight, resilient, and non-combustible. To keep costs low, trustees and volunteers undertook the work themselves, laying 300mms of rolled fibre insulation over the course of a few days in October.

To ensure the environmental impact of the project is low, any waste generated was, where possible, reused or recycled. As an example a local allotment group has expressed a wish to have any reusable plastic to protect their crops. Also, the insulation chosen was Earthwool Loft Roll 44, which has zero Ozone Depletion Potential and zero Global Warming Potential.

Reading Community Energy Society is a not-for-profit organisation, raising funds through community share offers to install solar PV systems on community, education and commercial buildings. Follow us on [Twitter](#), [Facebook](#) and [Instagram](#).