

Treverton Estate Green Roofs



“Recent research has shown what a big impact green space has on the quality of our lives. This estate doesn’t have much room for developing traditional green areas so the roofs were the perfect solution.”



The benefits of green roofs are increasingly being recognised. They reduce storm water run-off, absorb pollutants, and reduce drainage, heating and air conditioning costs whilst increasing the life of a roof. All of these benefits have led to an increase in green roofs across London.

Groundwork, with the Royal Borough of Kensington and Chelsea and local residents, installed three green roofs on the Treverton Estate in West London.

Funding

KCEL	£30,000
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Project description

Groundwork's Green Team installed three green roofs on the Treverton Estate in West London. The innovative nature of this project meant that as well as providing much needed green space on the estate, we were able to improve the skills of the trainees on our Green Team scheme. All of whom have a diverse range of social and economic needs and are looking for carefully tailored employment and training opportunities.

Resident satisfaction is key in any Groundwork project and we undertook extensive consultation with local residents to establish where the green roofs should be sited and to raise awareness about the project and its benefits.

Green roofs have many benefits. They can potentially double the life of a roof, making them a sound investment. They help to improve the biodiversity of an area. And they also act as a strong visual reminder to residents about the climate change challenges currently faced. Ben Coles, Groundwork's Director for West London, said, "People really liked them and once they knew the benefits it made them start to think about their own behaviour and the implications for climate change."

Objectives

- Provide quality green space on the estate
- Engage residents in wider issues
- Improve biodiversity
- Reduce emissions, extend roof life, improve insulation
- Provide learning opportunities for Green Team

Impacts

- Reduce emissions, extended roof life, improved insulation
- Increased awareness of climate change issues
- Improved skills and knowledge of Green Team members, providing greater future employment opportunities
- Different substrates and planting were used to test how effective different combinations are over time

The Future

The green space continues to act as a welcome respite from concrete for the residents. The estate comprises a number of high-rise blocks so looking down from the higher floors to grass and birds has made a big difference. According to Ben Coles, 'Recent research has shown what a big impact green space has on the quality of our lives. This estate doesn't have much room for developing traditional green areas so the roofs were the perfect solution.'

A continued focus on low carbon homes and eco towns is only likely to increase the popularity of green roofs. And with the equivalent of 87 square miles of flat roofs in London there is real scope to make a noticeable difference.

Project Partners



- Kensington and Chelsea Environmental Limited
- Dusty Gedge
- Blackdown Horticultural Consultants
- Bauder Limited

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