

Beckenham heating specialist, Simon Lockwood, has been presented with a monthly Environment 2020 award for his successful rejuvenation of a Folkestone retreat's heating system.



## Simon leads the way with an innovative heating project

Simon, of Pipework Connect, gave a new lease of life to the four bedroom property in the picturesque surroundings of Folkestone, having installed a range of innovative solutions to provide renewable sources of heating and hot water.

Following a call from the owners whose brief was to make the property as carbon friendly as possible, Simon installed a 6kW Greenstore ground source heat pump, together with two Greenskies solar panels and a high-tech underfloor heating system.

Simon explains: "The owners of the house had seen a number of carbon neutral properties begin to take shape in their area and wanted to explore the possibility of transforming their own house in an environmentally friendly way. We were able to plan a solution which incorporated Worcester products to enhance the property's heating system performance." In this case supplied by two 60 metre

boreholes, the Greenstore ground source heat pump is able to generate four kilowatts of heat energy for the home for every single kilowatt required to power the system, making it an extremely efficient complete heating solution.

Simon also installed two landscape Greenskies solar panels, which have been fitted to the roof of the property to provide up to 60% of the properties annual hot water requirements. A challenge posed by the project requirements was the roofline of the property, which required the panels to be fitted with a 20° angle of inclination.

Simon explains: "Usually, solar installation guidelines require an installation at 30° inclination, but the position of the roofline meant that this wasn't an option. Solar gain can vary at different locations in the country and we were fortunate that the property's location in the south coast meant that the steeper angle was possible.

Having visited the house as a follow-up to the installation, I am pleased to say that the system is working extremely well and is contributing towards a considerable saving for the owners."

The Environment 2020 Awards initiative recognises installers who take an environmentally responsible approach to their work. Simon will now be put forward, along with 11 other installers selected throughout the year, for the title of Overall Winner which will be announced in spring 2011. The winner of the overall competition will also be presented with travel vouchers to the value of £1000.

The scheme also rewards the artistic efforts of young people up to the age of 16 who have created an outstanding piece of artwork that highlights the need to be energy efficient and addresses the causes of climate change. For further information and to download entry forms, please visit [www.worcester-bosch.co.uk](http://www.worcester-bosch.co.uk).