



**solarcentury**

Henley Way, Rotherham



**Solarcentury's CompleteSolarRoof is now installed on 23 new affordable, stylish and low carbon homes in Henley**

# Way, Rotherham, South Yorkshire Housing Association's (SYHA) buyers and tenants will benefit from hot water, electricity and protection from energy price rises.

Henley Way is the result of forward thinking by SYHA combined with contributory investment from the Regional Housing Board, the Energy Savings Trust and land gifted by Rotherham Metropolitan Borough Council, to create a development of low carbon, affordable and contemporary modern homes.

Every home on the development has been installed with Solarcentury's CompleteSolarRoof system. This is a low carbon building product which allows housebuilders to use solar photovoltaics (PV) to help reduce the carbon emissions of a new home by generating clean, renewable electricity in a silent and unobtrusive way.



The CompleteSolarRoof from Solarcentury is a system of solar PV and solar thermal roof tiles that, to the observer, look exactly like standard roof tiles. However, consisting of C21e (solar electric) tiles and C21t (solar thermal) tiles, this type of installation generates electricity and hot water for the home.

Craig Jackson, the SYHA architect responsible for the development explains the reasons for choosing solar PV and solar thermal technologies:

*“Using photovoltaics to generate electricity is one of the simplest ways to implement renewable energy sources. The ‘fit and forget’ low maintenance requirements of solar PV roof tiles contribute to their simplicity, while the clean energy that is being produced is a key tool in the marketing of new homes, as householders are protected against energy price rises. The CompleteSolarRoof system from Solarcentury means that the design of the homes is not compromised, as the tiles look like standard roof tiles,”* he said.

Date commissioned	2007.08.17
Technology	Solar PV
Installation Type	Pitched roof
System size (kWp)	73.78
Forecast electricity generation / year (kWh)	61237
Panel area (m2)	575
Building integrated	Yes
CO2 saving / year (kg)	34783
Type of project	Commercial