

## Sea Cadets Bath, England

### Sea Cadets get onboard with Solar PV

Completed for large construction contractors in the UNESCO World Heritage City of Bath, Your Eco Construction completed a roof top mounted system for a block of flats and a Sea Cadet centre. On-site energy generation from solar PV is being embraced by businesses and organisations alike due to the delivery of significant and lasting reductions to operating costs and cuts in CO<sub>2</sub> emissions. The system required all black panels for enhanced aesthetics due to its placement in the middle of the city centre which undergoes strict planning requirements.

*“Nothing but positive things to say about their approach to our scheme. They’re a very enthusiastic and conscientious bunch, all of whom were more than happy to help us get the job over the line. I look forward to working with them on many schemes to come.”* Q.S., Main Contractor

Using all black Trina 275Wp mono-crystalline modules, a 6kW Fronius Symo inverter with a Sunfixings mounting systems the highest level of quality design ensured it was balanced and symmetrical with minimal visibility. A EuroClad roof was also used with a specified clamp requiring sign off to ensure their roofing warranty wasn’t invalidated. Working with both Your Eco Construction for the renewable energy component, and Your Electrical for the electrical contracting the team on this project were able to seamlessly deliver a full delivery package to the highest standards and budget whilst reducing hassle from a project management perspective. Planning constraints done easily and seamlessly; the Your Group way.

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#### System overview

Trina 275Wp all black modules and Fronius inverters were designed for optimal energy consumption on a trapezoidal composite panel roof.

	System size:	6.6 kWp
	Generation:	6,025.9 kWh/year
	CO <sub>2</sub> savings:	3,252 kg/year

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Please contact the office on the details below to see how we can work with you on fulfilling the obligations of your renewable energy projects.

-  01225 667 151
-  [info@yourgroupuk.com](mailto:info@yourgroupuk.com)
-  [www.yourgroupuk.com](http://www.yourgroupuk.com)