



Spotlight on...
carbon reduction

**CONSIDERATE
CONSTRUCTORS
SCHEME**

Case Study: BAM Construction Low Carbon Welfare Unit

Exmouth Community College chose to install two temporary eco cabins while their enabling works were being completed and the site was being prepared for the main welfare cabins.

The cabins chosen were Eco 10 self welfare units the most popular type used in the region from Welfare Hire.

As well a comfortable environment to work in, the cabins are also resource efficient in use.

They have smart water systems, and smart hybrid power with a high cycle AGM battery and solar panel feed on the roof.

They additionally benefit from 75% silent running along with the carbon savings.

CARBON SAVING

During the first 13 weeks, both of the Welfare Hire eco units achieved fuel savings compared to a standard static unit with 11kva generator.

The savings below are based on eight hour working days (average running time 1.2hrs consuming 1.6 ltrs per hr), over a five day week.

- **Carbon was reduced hugely by 4,666kgCO2**
- **Costs were reduced by £1,778.**

