

News Update

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HOCHTIEF Sponsors Greenpower Car Project

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HOCHTIEF Facility Management sponsors Hilbre High School's latest Greenpower Car Project.

What is Greenpower?

Greenpower promotes engineering as a rewarding career to anyone aged 9-25, while also focusing on sustainability, teamwork and the community.

Aim of Greenpower?

To advance education in the subjects of sustainable engineering and technology to young people.

Hilbre High School has entered the 'Formula 24' for the 3rd year running.

The basic regulations are that the schools must design their own car, which must be powered by a 24v electric motor and use 4x 12v electric batteries. The requirements for the race are that the car can use 2x batteries at a time, from a maximum of 4x batteries and the winning car is the one which travels the furthest.

The cars have been built from scratch with help from the Science and Design Technology Departments. Hilbre's car has been constructed every Wednesday evening during an After-School Club.

The cars compete in a number of Greenpower run endurance races throughout the country using well known racing circuits. Hilbre's first heat is at Aintree Motor Racing Circuit in Liverpool on 16th September 2010 and they will be taking 6 drivers and 6 mechanics. Sponsorship for each entry has been taken from parents and local companies with some of the sponsors being Bentley Motor Company, Ford Motor Company, Siemens and Shell UK, as well as HOCHTIEF Facility Management.

To attract sponsorship from HOCHTIEF Facility Management, Hilbre's Head of Design Technology came up with ways in which to save energy across the school. These included designing and producing signs that go around the light switches to promote people to turn off the lights when not in use. Another idea was to put house bricks into a lot of the toilet / urinal cisterns, to reduce the amount of water that is used for each flush.