

## Hydro-electric dam means green electricity for KEVICC ...



Ever since the arrival of the 4 metre diameter Archimedean screw turbine into the 20 metre long sluice at one end of the historic Totnes town weir, KEVICC students and staff have taken a keen interest in the £1 million green scheme to turn Totnes Weir into a mini power station. Following the installation of a new supply cable, and the moving around of various meters during the February half term, the Redworth site of the College is now fully connected to, and receiving power supply from, the new Dart Renewables hydro-electric plant on Totnes Weir – which adjoins the Elmhirst site.

The installation is now fully operational and the College is already benefiting from the majority of its electricity supply for the Redworth site being generated from the hydro-electric plant, further reducing the College carbon footprint and complementing our existing green energy sources (ie our biomass boiler and PV array), with the added benefit of a considerable reduction in our electricity unit cost.

The next phase will see, we hope, the connection of both the Kennicott and Elmhirst sites to the same hydro-generated electricity supply.



Background: Sea Mural by year 8 and 9 students

## ... and a new partnership with Totnes Canoe Club through Dart Renewables



pictured l-r Bill Hargreaves of Totnes Canoe Club / students Madison & Phoenix Davis and Poppy Gronow PE teacher Kerrie O'Neill / KEVICC Business Director Teresa Lakeman / Pete Kibel of Dart Renewables

With a grant from Dart Renewables, the Canoe Club have bought four small adult sized kayaks, which the College were delighted to receive, at a cost of £500 each. They designed to be very manoeuvrable and buoyant, and to turn fast, enabling rapid training in their use. Kerrie O'Neill is looking forward to getting kayaking and canoeing back on to our extra-curricular programme soon.

**Totnes Canoe Club**  
[www.totnescanoeclub.org.uk](http://www.totnescanoeclub.org.uk)

