



**YSGOL GLANNAU GWAUN
NEW BUILD**

Architect:

In house – Pembrokeshire County Council

Contractor:

Dawnus Construction Limited, Swansea

Cost:

£6 million

Funding Sources

Pembrokeshire County Council

Welsh Assembly Government

Scheme Description:

The new school replaces buildings on two separate sites and will accommodate approximately 280 pupils from the ages of 3 – 11. The two-storey building includes an all-through SEN Unit which will have 24 places available, with 2 dedicated classrooms and quiet rooms along with a Speech and Language Room for a further 6 pupils.

Accommodation includes an Early Years and Reception Unit, Technology Room & Library. Externally, facilities include habitat areas and an outdoor classroom.

Interesting features include a natural ventilation strategy, rainwater harvesting system, windcatchers and a full BMS (Building Management System) controlling the building's heating & lighting remotely, ensuring the highest levels of energy efficiency.

The new building is highly sustainable with its own combined heat and power unit (CHP) providing heating and around half of the building's electricity, and solar panels.

The project will be the first BREEAM (Building Research Establishment's Environmental Assessment Method) school for the authority and is on course to achieve an 'Excellent' rating.

Completion: September 2011



The building incorporates safety, energy efficiency and water saving measures with:-

- *A sprinkler system*
- *natural ventilation strategy with rooflights in all classrooms*
- *High efficiency luminaires*
- *Energy-efficient boilers*
- *CHP unit (Combined Heat & Power)*
- *20% or the building materials are recycled*
- *Rainwater harvesting and water-efficient taps and sanitaryware*
- *Insulation made of recycled glass bottles*