



## GAEL SCOIL AN EISCIR RIADA

Construction of new eight classroom Primary School

**Client: Department of Education and Science**

### SUMMARY:

**Value:** €1.2 million

**Architect:** Dept of Education and Science

**Status:** Completed 2004

### Services Provided:

Preliminary Reports

Detailed Design

Construction Supervision

Nicholas O'Dwyer Ltd were the Structural Engineers for the design of Gael Scoil an Eiscir Riada. The brief was to develop an eight classroom school with an appreciation of sustainable construction, using a reduced energy consumption to that of a traditional designed school, thus reducing project life cycle cost.

The building incorporated passive solar architecture, improved insulation levels, reduced infiltration levels, careful use of natural daylight in all spaces, natural ventilation and a rainwater recovery system. The control of the building environment, will gather information on performance. Feedback from this system will assist in building design in the future. The construction is timber frame throughout the building.

The school has won a number of awards including:

1. SEI Award 2004 for Excellence in Design and Specification
2. CIBSE London 2004 Environmental Initiative of the year award
3. Government Merit Award 2004 for Best Project within an Organisation



Nicholas O'Dwyer  
CONSULTING ENGINEERS