



St Athan Primary School *St Athan, Vale of Glamorgan*

A school refurbishment project diverted almost 400 tonnes of construction and demolition waste.

St Athan Primary based in the rural county of the Vale of Glamorgan comprises a diverse society from the indigenous communities and families linked to the military base at St Athan.

Cartwright Construction approached Constructing Excellence in Wales for advice on handling a specific waste stream which would be generated during the extensive renovation project.

The commissioning project team recognised that the school's rural location would present a challenge for waste removal and haulage and more importantly, wanted to reduce the level of C&D waste sent to landfill.

CEW provided advice about on site recovery and recycling - working closely with Cartwright Construction and the waste management contractor, Red Dragon Recycling to offer best practice advice and up-to-date onsite recovery techniques.

PROJECT DETAILS

The regeneration of St Athan Primary School, Vale of Glamorgan.

Best practice themes:

- Waste minimisation



PROJECT TEAM

Client: Cartwright Construction
Red Dragon Recycling
Vale of Glamorgan County Council

KEY CONTACTS

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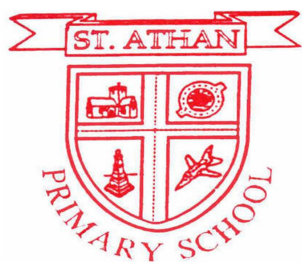
As a result, more than 400 tonnes of C&D waste was diverted from landfill as contractors worked in partnership to remove wood and glass materials and to strip and separate components into dedicated waste storage containers on site.

99% of glass, uPVC, aluminium structures and rubber seals were separated and recovered. By using strict waste awareness and waste stream separation on site the project benefitted from cost savings of more than £5k in skip hire costs alone.

In addition to the best practice recorded in terms of waste minimisation, diversion from landfill and cost savings, the contractor was praised for the consideration shown to the community in minimising the impact of the construction and dramatically reducing haulage of waste through the village of St Athan.

MD of Cartwright Construction, Paul Cartwright commented:

“This was a collaboration project in action – a shared sense of problem solving and waste minimisation and awareness which ensured that we successfully delivered an improved school at the heart of the community with minimal impact to environment and society”.



A typical indicative school class in 2015