



Improving sustainability in civil engineering

CEEQUAL Awards presented on Friday 24 July 2009 by

Dr Jean Venables, President of the Institution of Civil Engineers

The **Civil Engineering Environmental Quality Assessment & Awards Scheme** CEEQUAL is the assessment and awards scheme for improving sustainability in civil engineering and public realm projects. It celebrates the achievement of high environmental and social performance and promotes improved sustainability in project specification, design and construction.

Castleford Footbridge

Design & Build Award

Project Team:

Tony Gee & Partners (design)

Costain (construction)



A £4.8million landmark structure is the final and most ambitious of 11 schemes that form The Castleford Project, a groundbreaking urban renewal scheme in this former coal-mining town.

The project was founded by Channel 4 Television (C4), local community and civic groups and Wakefield Metropolitan District Council. From an initial contribution of £100,000 by C4, the project is now valued at over £12million and is widely credited with leveraging an additional £200million of investment into the town.

The S-shaped footbridge, four metres wide and spanning more than 130 metres across the River Aire features innovative engineering solutions adopted during its design and construction. The construction of the river piers was one of the most high-risk activities of the project. The three piers had to be constructed within eight metres of an existing, fast-flowing weir and in river depths that varied from just half a metre to seven metres.

Axbridge New Raw Water Treatment Works & Pipelines



Whole Project Award

Project Team:

Bristol Water Plc (client)

Black & Veatch (designer)

Costain (contractor)

A new state-of-the-art treatment works to remove silt, chemicals and organic matter from raw river water pumped from the River Axe and discharged into the Cheddar Reservoir.

Barrow Gurney Additional Reservoir

Whole Project Award

Project Team:

Bristol Water Plc (client)

Black & Veatch (designer)

Costain (contractor)

The new reservoir at Barrow Gurney, south of Bristol, provides security of supplies to around 250,000 properties in the north east and south of the City in conjunction with the Northern Relief main.

