



Aerial view of building within overall site



Building entrance



End elevation from river



Classroom

## Creekside Education Trust Deptford, London

The Creekside Centre was created to provide a base to teach children about the environment and habitat of Deptford Creek, until recently a rundown industrial area frequented by the more transient industries. The education building comprises a classroom, meeting room, office, toilets and store for waders used in the Creek.

The timber framed building is cedar clad, with high levels of natural sheep's wool insulation, and built from sustainable materials. The building is orientated to utilise solar gain and encourage passive ventilation. Rainwater from the roof is collected by the pond. Grey water is reused within the Centre for flushing toilets and cleaning waders. A combined heat and power gas generator runs an underfloor heating system whilst producing electricity, and passive sensors reduce artificial lighting costs.

The ecological 'brown roof' consists of recycled crushed brick and concrete merging with the surrounding landscape, which will eventually be colonised by local indigenous plant life, and provide a habitat to local wildlife, specifically nesting for the redstart.

The building has been open since September 2002 and is providing popular with the local community.

**Main Contractor:** Gilby Construction  
**Structural Engineer:** AA Gibbons  
**Services Engineer:** KW Consult  
**Quantity Surveyor:** Cook and Butler