climate change



Carbon reduction case studies

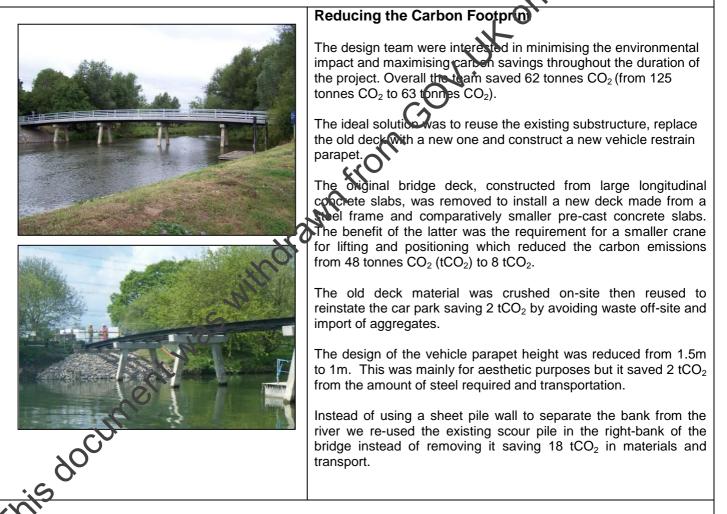
Case Study Reference: IEM/2012/002

these case studies highlight actions we are taking to reduce our carbon footprint within the Environment Agency, including benefits and lessons learnt

Sandford Bridge Carbon Reduction Case Study

Background

Sandford Bridge project (£380K) spans the Sandford Lock bypass channel on the River Thames. The bridge is primarily used for access to the lock house and the lock structure, additionally there is a 3m wide roadway spanning 40m across the river. The aim of the bridge refurbishment was to increase the carrying capacity from 3 to 18 tomps



The lessons to take away

The Sandford Access Bridge case study provides an example of a project seeking to maximise the re-use of existing site materials, which has led to a reduction in embodied CO_2 emissions as well as making wider environmental gains and cost savings?

Prepared by: Andy Powell - Innovation Manager Date of Issue: April 2012 Further information available from Gary Haley or Andrew Powell

GEHO0512BWIV-E-E