

Case Study: Carbon Offsetting at Osterley

Crest Nicholson's Great West Gate development in Osterley consists of 282 units with a mix of flats and houses, 30% of which are certified as EcoHome Very Good.

As part of the planning condition a 6% reduction in CO₂ from the development was required. As the site is situated in a conservation area, possible solutions were limited as planning would not allow PV, wind or solar thermal due to the visual aspects of the energy solutions.

Crest Nicholson worked with co2balance to offset the carbon emissions through the African Energy Efficiency Project creating a 12% (3,600 tonnes of CO₂) reduction of CO₂ doubling the Council's requirements of 6%.

The African Energy Efficiency Project supplies local communities with energy saving equipment in Africa, such as energy efficient stoves in Kenya. Crest Nicholson provided 250 energy efficient stoves. All were built entirely in the village of Msambweni, on the South Kenyan Coast providing local employment, and reducing transportation distances.



A stove is 75% more efficient than traditional open fires, will save on average 1.6 tonnes of GreenHouse Gases (GHGs) per annum compared to an open fire and requires 50% less fuel. This has had a positive effect on the local community by reducing the time required for collecting firewood, reducing deforestation and safety risks from open fires.

