

Anglian Water Green Bond

Featured Project

CHALTON WATER RECYCLING CENTRE

Transformed into the biggest sand filtration site in Europe



3D modelling and reuse and repurposing of existing infrastructure



Off-site build helped to reduce the project's carbon footprint



The quality of output water will safeguard the nearby Flitwick Moor, which is a Site of Special Scientific Interest (SSSI)

'A trailblazer in off-site construction, collaboration and early planning'

"Rocky" the sniffer Dog aided the trapping and relocation of Great Crested Newts



Reduction of time on site – 65 weeks (baseline) to 47 weeks

A focus on re-using existing assets on site as much as possible - saving carbon & cost

Filters prefabricated in Ireland before being shipped to site - cost saving and more safe

TOTAL PROJECT SPEND
£12.9m
CAPITAL CARBON SAVING
44%, 1,242eT



£8m BELOW PLAN

Embodied Water Consumption Saving (m3)
1,124 (86%)

