

THE DEVIL'S IN THE DETAIL.



The Thames Tideway Project is the most significant infrastructure project being undertaken in London. Once complete, the sewer relief tunnel will create a cleaner, healthier River Thames and will enable the capital's sewer system to continue to serve London for at least the next 100 years.

Costing over £4 billion, it will modernize London's 150-year-old sewer system, originally built for a population less than half its current size, reducing untreated discharges into the River Thames by tens of millions of tons per year.

By any criteria, UKSSH's involvement in the project is relatively small – that doesn't mean that it isn't significant!

One aspect of UKSSH's involvement included supplying some impressive stair towers to provide access to and from 60-metre-deep shafts that were constructed as an integral part of the project.

UKSSH also worked alongside Creator Scaffold Designs to design and supply a series of Haki system birdcage enclosures supporting rolling temporary roofs to overcome a challenge created by the projects commitment to minimising environmental impact.

The environmental commitment to move materials by barge rather than by road not only meant that one million tonnes of excavated material has been removed by barge but also that huge volumes of building aggregates have been moved to site by the same method.

That posed a problem for contractors: How to keep materials delivered to the riverside wharfs dry, but also allow easy access to loaders.

UKSSH's innovative solution of a series of birdcage enclosures supporting rolling temporary roofs kept building aggregates dry and were then rolled aside to allow access to loaders and lorries to carry the sand to site.

As Gary Griffiths, MD of UKSSH commented: "By comparison with the logistics and costs of the project, our input was tiny, but the rolling roofs, site stair towers and compact site stair towers that we have supplied for the Tideway project are invaluable contributions to the greater scheme."

GASSE STUDY

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