

Construction & Infrastructure Case Studies



Case Study

waterborne Freight - spoil

95% reduction in CO₂ (compared to Euro VI HGV's)
Removable of 2,107 bulk tipper road movements

As part of the setup of the Tideway site Chamber Wharf enabling works had to be carried out, requiring the removal of material from the site to prepare the ground. Through Tideway's sustainable transport more by river strategy 37,940 tonnage moved out by barge . London Construction Link has since gone on to support with the handling of fill material for cofferdams and from the main drive shaft.



Tideway

Material Handled: Spoil
Volume: 37,940 Tonnes
Project: Tideway East (CVB)



1,000 Tonne barges

56 Barge movements



Examples of some of the large project supported with barging bulk materials



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Case Study

waterborne Freight - modular offices

Challenges

A number of the tideway sites including Chamber Wharf are challenging location making the logistics side of the project difficult from a number of perspectives:

- Space on site perspective
- Proximity to residential and commercial businesses
- Congestion road network
- Restricted delivery windows

This along with Tideway target of 10% to reduce the Tideway footprint lead to the river being considered as the solution.

Solution

This solution also was successful due to the additional factors:

- End destination proximity to the river
- Removed significant freight movements from the roads
- Environmental and safety saving
- Flexible delivery solution
- Financially cost comparable
- Efficient and reliable solution

95% reduction in CO₂ (compared to Euro VI HGV's)

Removable of 96 HGV road movements



Material Handled: Modular Offices

Volume: 1,440 Tonnes

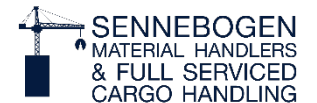
99 modular units

Project: Tideway East (CVB)



8 Units per flattop barge

22 Barge movements



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Case Study

waterborne Freight– steel sheet & piles

Challenges

As part of the enabling works for the Tideway drive sites a range of construction materials were required to be delivered to (aggregates, steel sheets, piles, cages) . With the locations being challenging for road deliveries and to avoid the need for more road closures and congestion, materials were delivered to site via the river.

Solution

- Help to achieve Tideway's target of 10% reduction in Tideway's carbon footprint
- Supported flexible delivery schedule
- Removed freight movements through London & supported achieving a safer environment for pedestrians and cyclists
- Provided consolidation storage solution
- Financially cost comparable
- Efficient and reliable solution

95% reduction in CO₂ (compared to Euro VI HGV's)

Removable of 72 HGV road movements



Material Handled: Sheet Piles
Volume: 1,440 Tonnes
Project: Tideway East (CVB)



1,000 Tonne barges

22 Barge movements



SENNEBOGEN
MATERIAL HANDLERS
& FULL SERVICED
CARGO HANDLING



OPEN STORAGE
& LAY DOWN SPACE



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Case Study – Infrastructure Consolidation

Why consolidate at Port?

- Simplify supply chains & reduced costs
- Reduces truck miles
- Process efficiencies
- Support 24/7 operational solutions
- Offers flexibility
- Provides high level of security
- Bespoke solution tailored to our customers needs
- Provides multimodal onward distribution options
- Value added services
- Access to a large support network
- Excellent location



Consolidation solutions for
construction & infrastructure projects



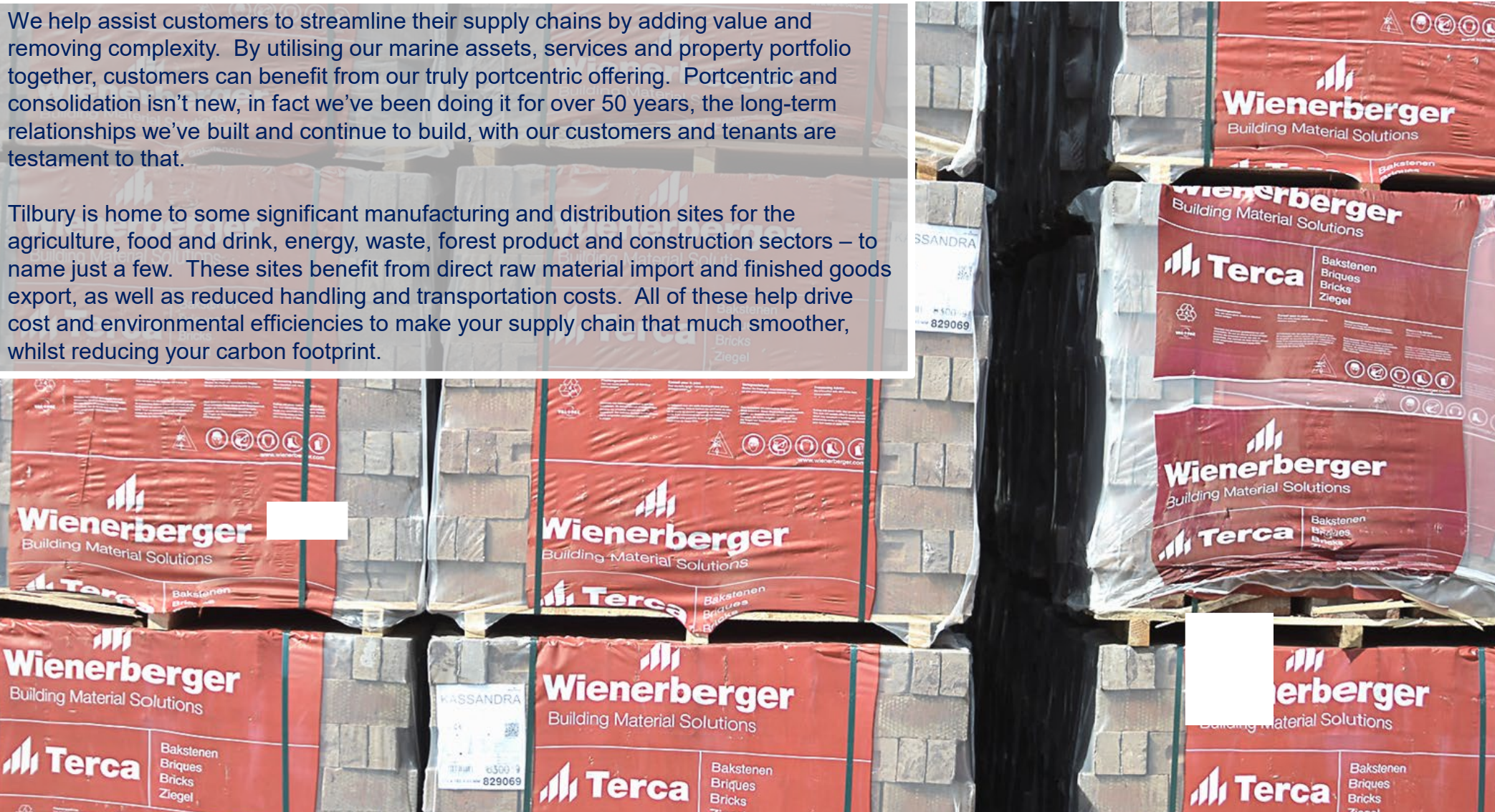
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Case Study – Construction Consolidation

We help assist customers to streamline their supply chains by adding value and removing complexity. By utilising our marine assets, services and property portfolio together, customers can benefit from our truly portcentric offering. Portcentric and consolidation isn't new, in fact we've been doing it for over 50 years, the long-term relationships we've built and continue to build, with our customers and tenants are testament to that.

Tilbury is home to some significant manufacturing and distribution sites for the agriculture, food and drink, energy, waste, forest product and construction sectors – to name just a few. These sites benefit from direct raw material import and finished goods export, as well as reduced handling and transportation costs. All of these help drive cost and environmental efficiencies to make your supply chain that much smoother, whilst reducing your carbon footprint.



TRIMODAL

22 nautical miles
from Tower Bridge

6 miles from the
M25



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