

Rotherhithe Bridge

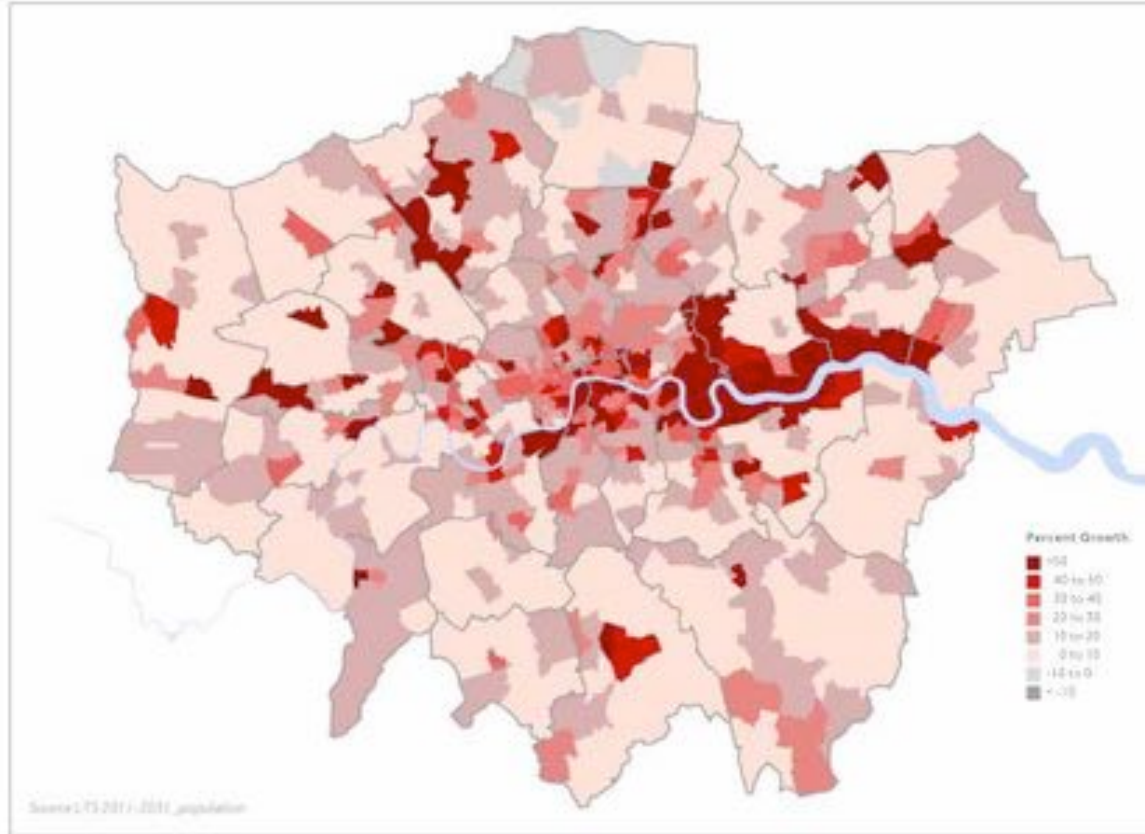


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London's forecast population growth 2011 – 2031



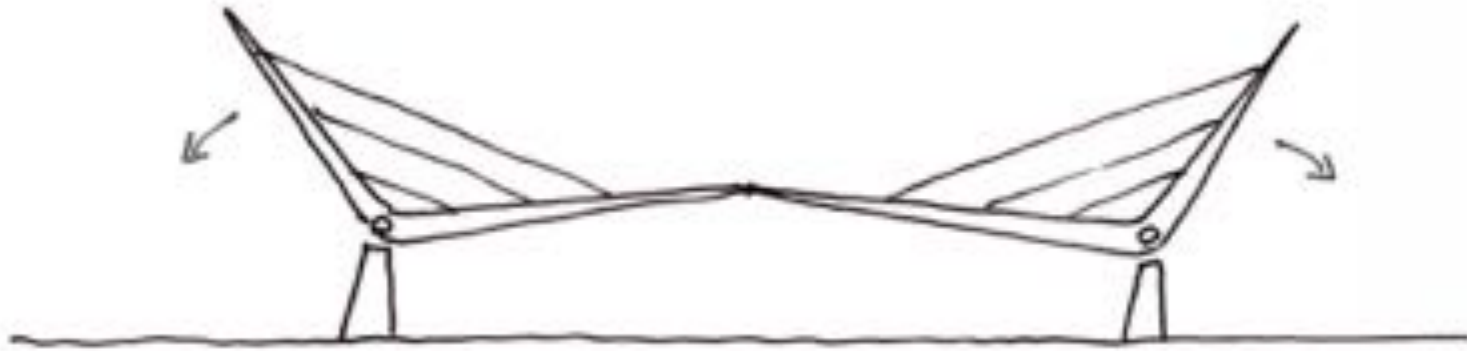
Source – TfL's 'Connecting the Capital' report - 2015

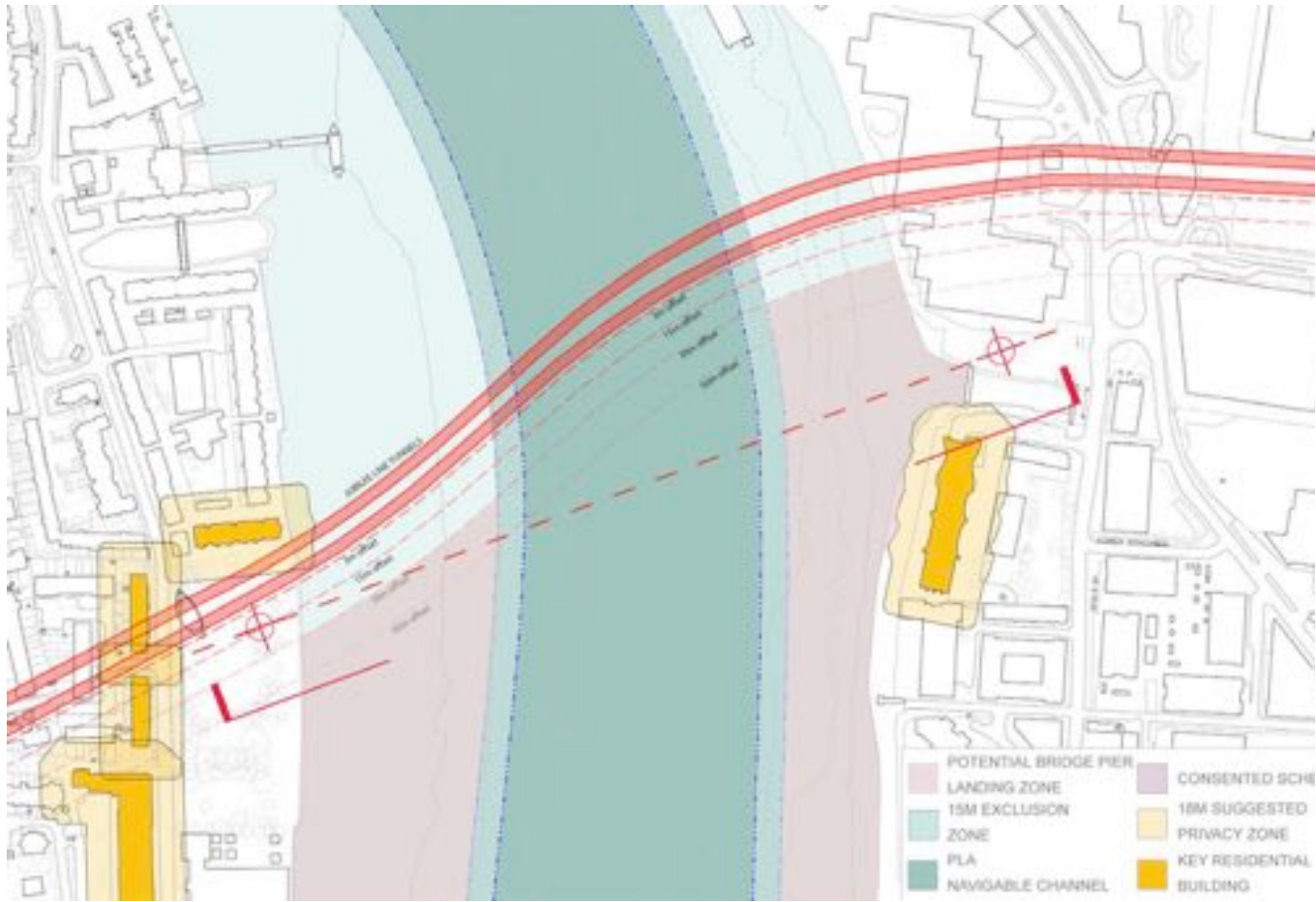


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Navigable Channel Height

As detailed in Report 1, any bridge in this location has minimum clearance dimensions, as agreed with the Port of London Authority that need to be met in both the open and closed positions.

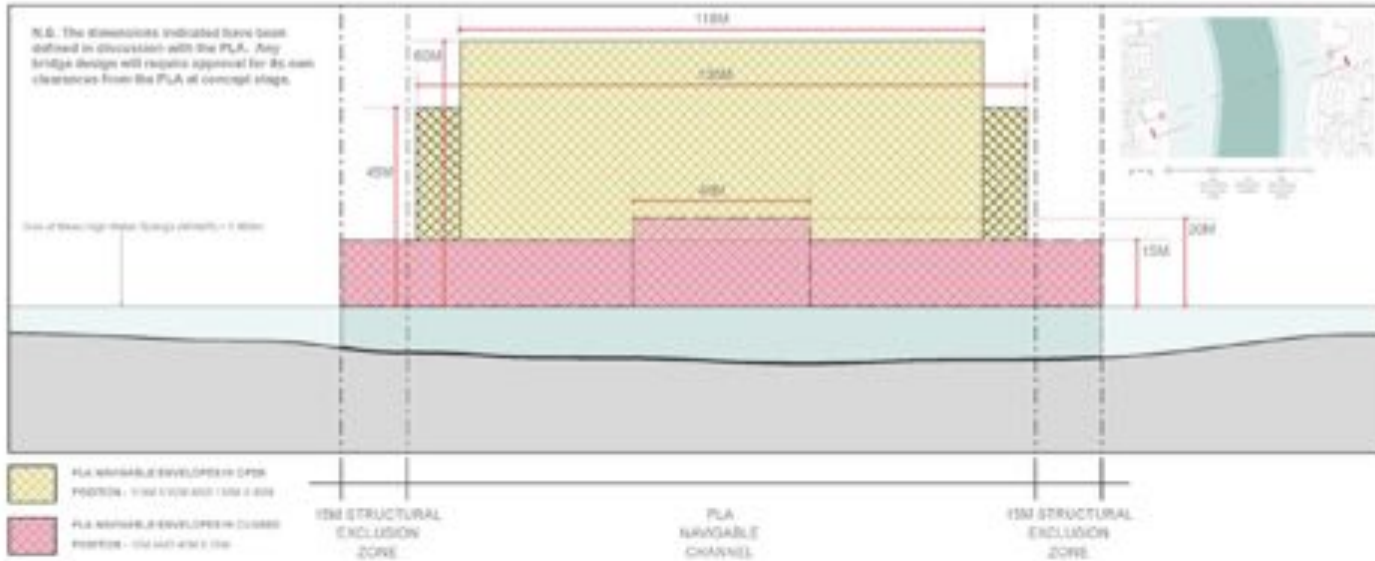


Table 8: Vessel Transits by Air-Draught (per month and per year)

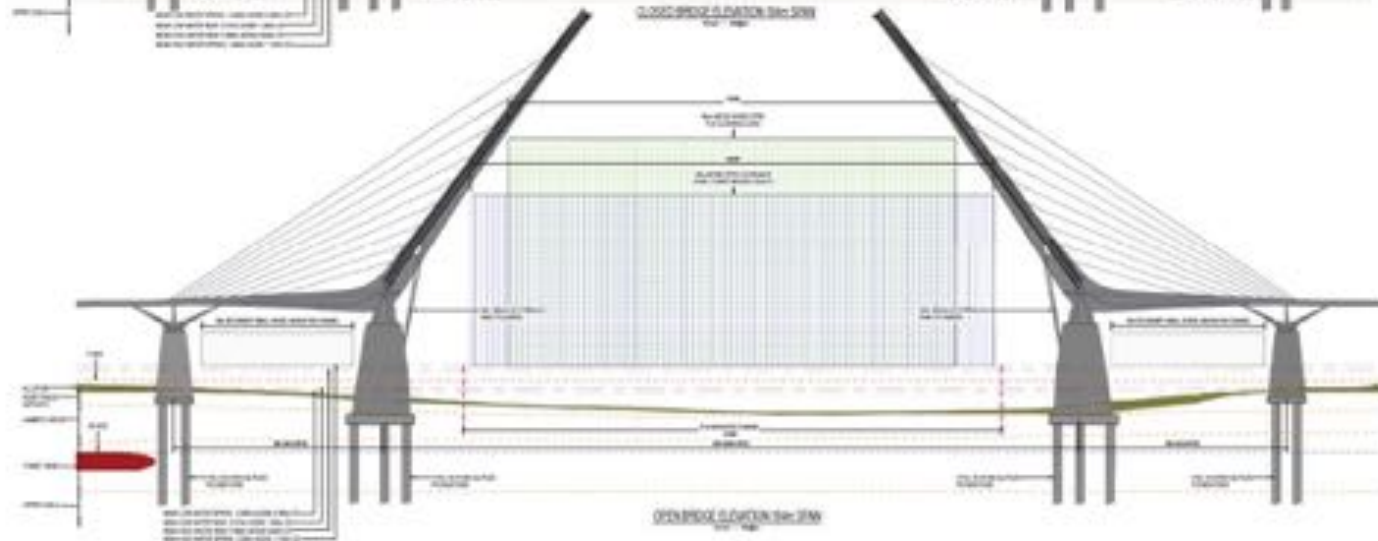
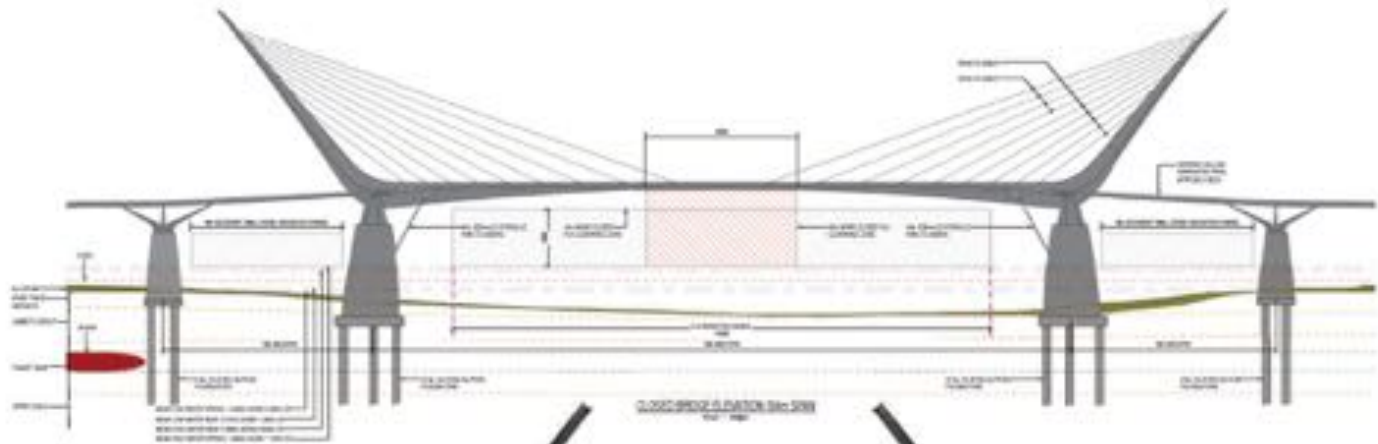
Vessel Air-Draught	Vessels per month	Vessels per year (estimated) ⁷	Percentage	Bridge Decking at 27m above MHW5
<15m	9,444	84,996	98.48%	Never required to open
15m to 20m	48	432	0.50%	
20m to 25m	21	189	0.22%	Sometimes required to open depending on tide height
>25m	77	693	0.80%	Always required to open

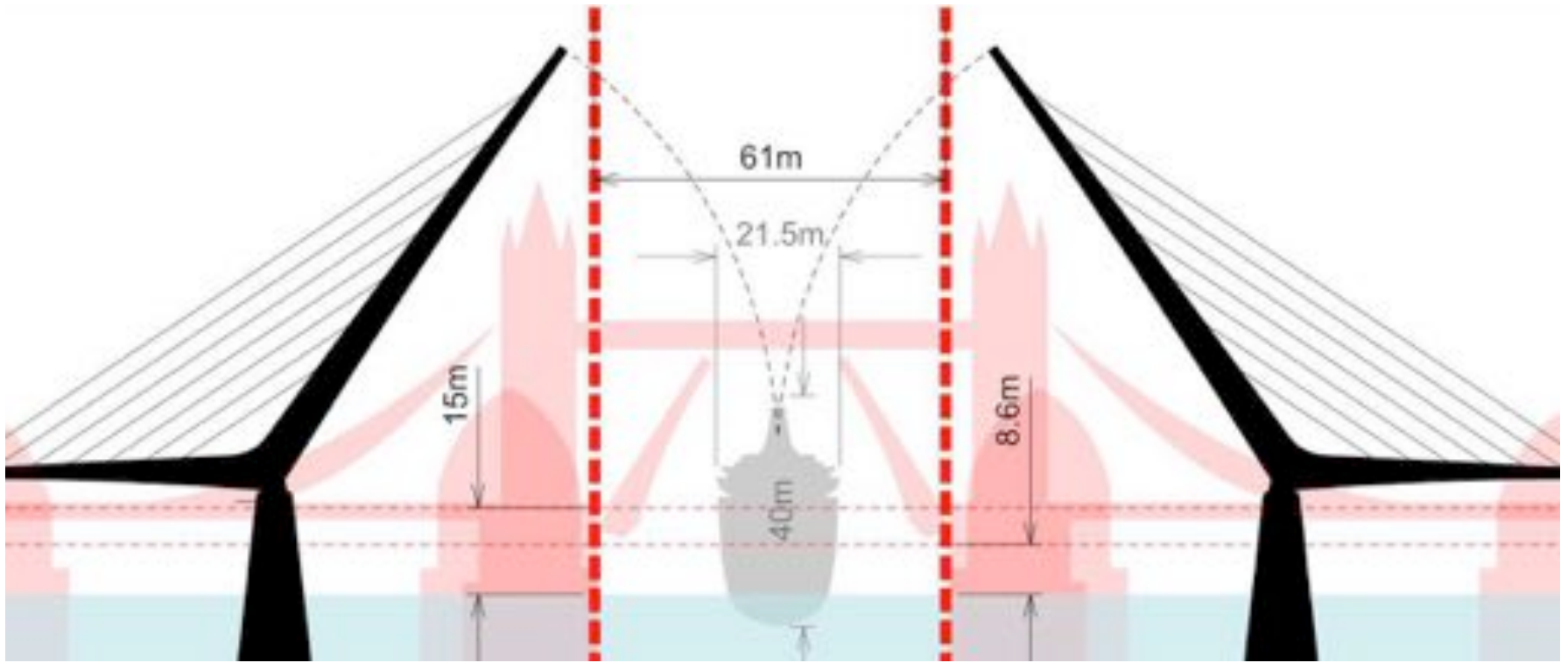
combined equal 3.6 times per day



combined equal 2.4 times per day







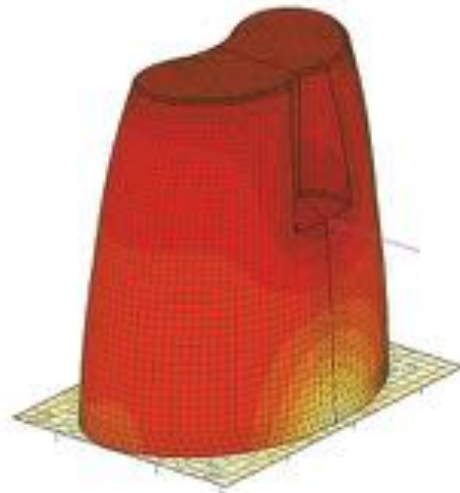
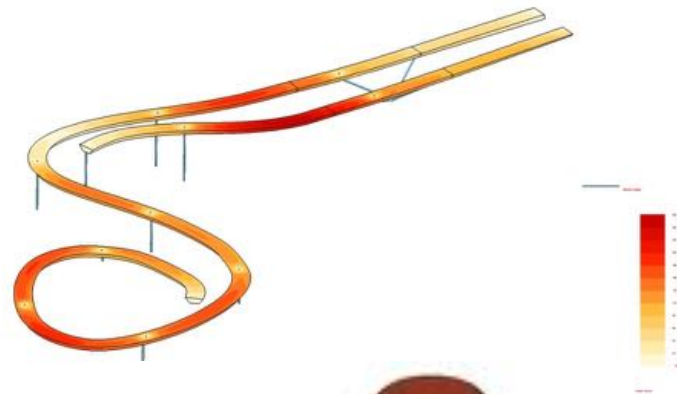
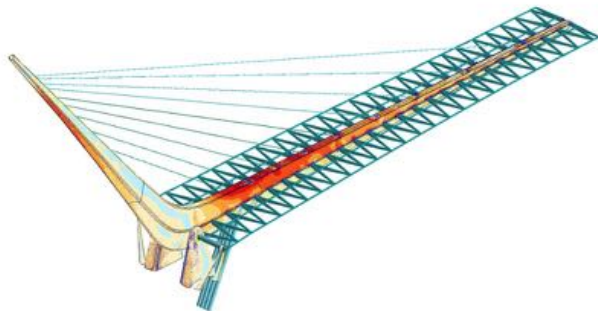
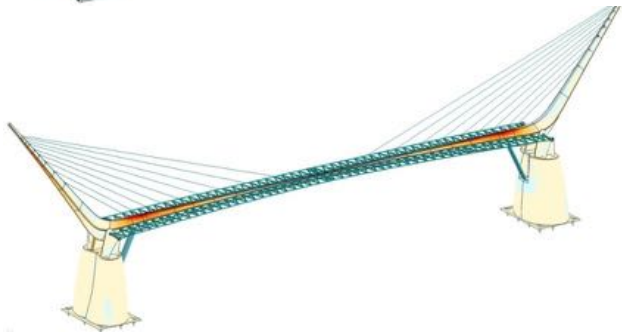
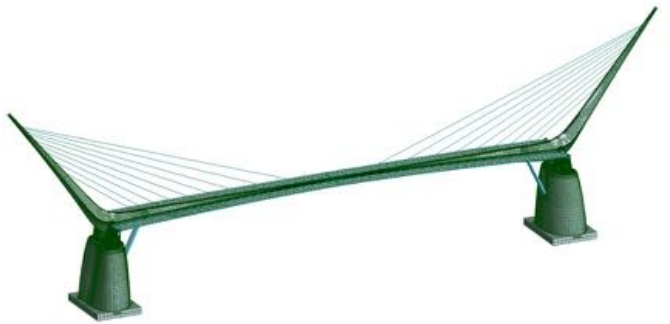


Fig. 6.20 Deflection map under impact load





NEW LONDON
AWARDS 2016

WINNER

New London Architecture – People’s Choice Award 2016

“Receiving an overwhelming number of votes...” Over 50% of the total votes



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What are the Benefits?

- A real need
- Popular Design – Almost universally supported
- De-Risked with a well developed design
- Already has agreement in principle from PLA/CRT
- Support from JP Morgan and Southwark for landings
- Cost certainty improved – Optimism Bias reduced or removed
- Delivery 18 months ahead of any other procurement route
- Minimises risk of ‘stalling’ in post Brexit economy
- Shows London and the UK is ‘open for business’
- Could be on site within this Mavoral period



“It was open to the Mayor and TfL to work with Heatherwick Studio without a competitive procurement process, but they chose not to do so.”

Margaret Hodge - Garden Bridge Report, April 2017

“The challenge for the current mayor is to ensure that TfL is not only a fair and open client but one that is able to back the big ideas that London needs.”

Will Hurst - Architect's Journal, June 2017



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“UK ‘OJEU’ procurement awards (2012) accounts for 24% of value of all EU awards and more by value than the combined total of 24 other nations”

“UK processes take almost 50% longer than the EU average”

“UK procurement is expensive and is at least 20% more expensive than comparable EU countries. Costs are almost 2x EU average.”

Source: Walter Menteth - Project Compass & Author of 'An essential guide to public procurement



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