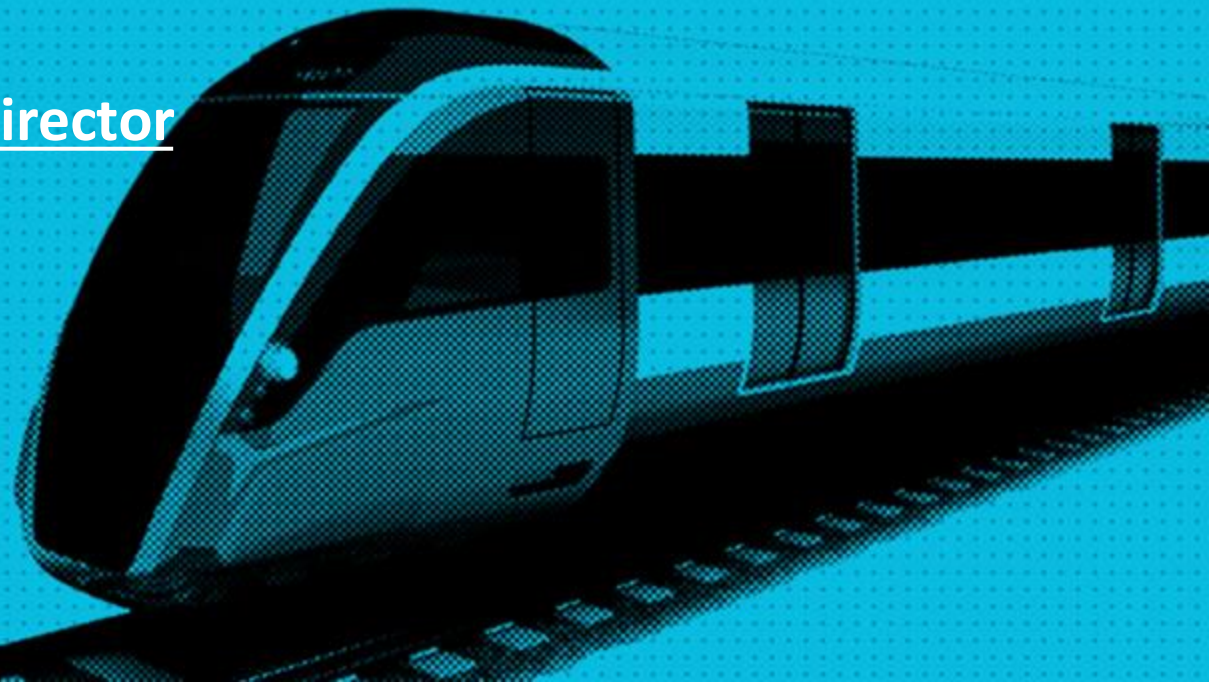




◀ CROSSRAIL MOVING LONDON FORWARD

- ◀ Martin Buck
- ◀ Commercial Director

MOVING LONDON FORWARD



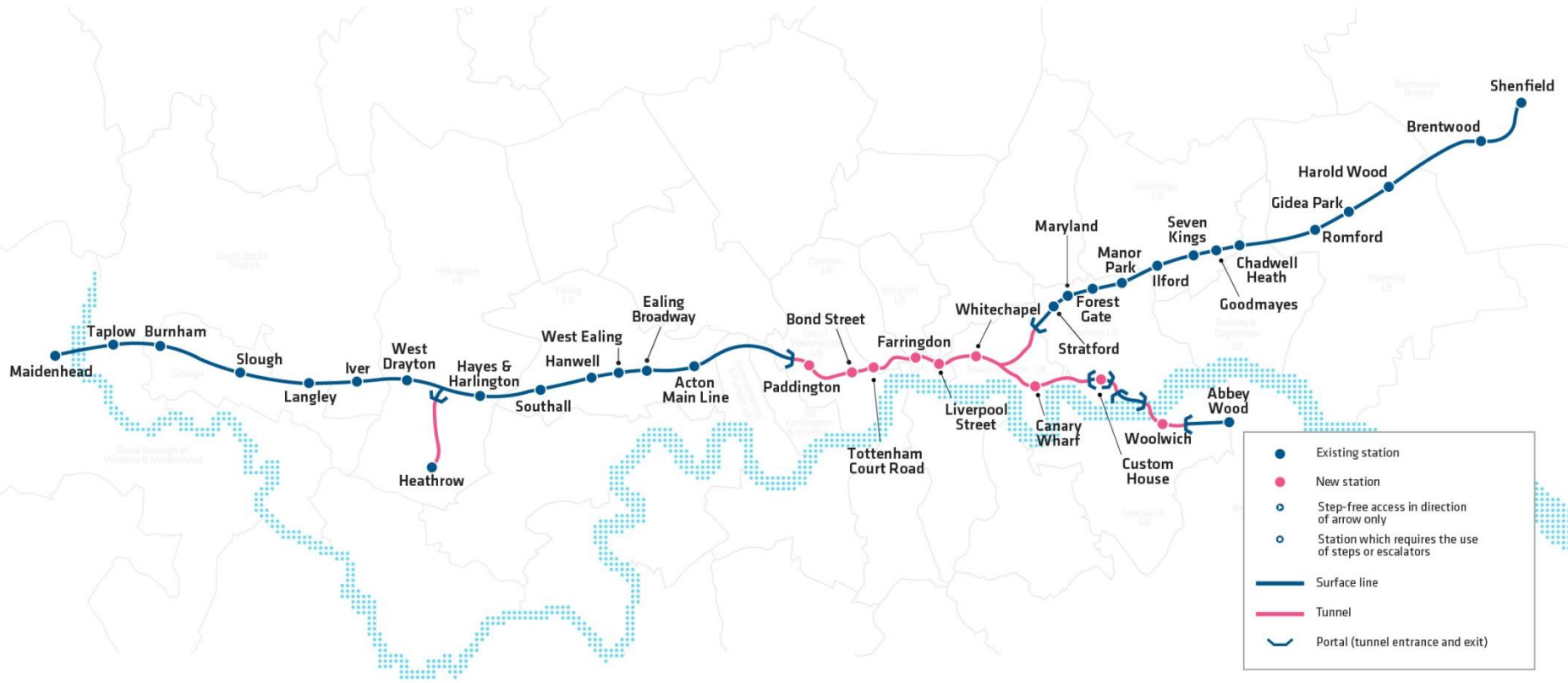
What is Crossrail?



- ▶ A new railway for London and the south east
- ▶ Over 100 km from east to west
- ▶ 24 trains per hour in each direction
- ▶ More than 200 million passenger journey per annum
- ▶ Spacious and bright stations
- ▶ And **much** more...



Crossrail route



Crossrail benefits



£42bn+



14,000 people

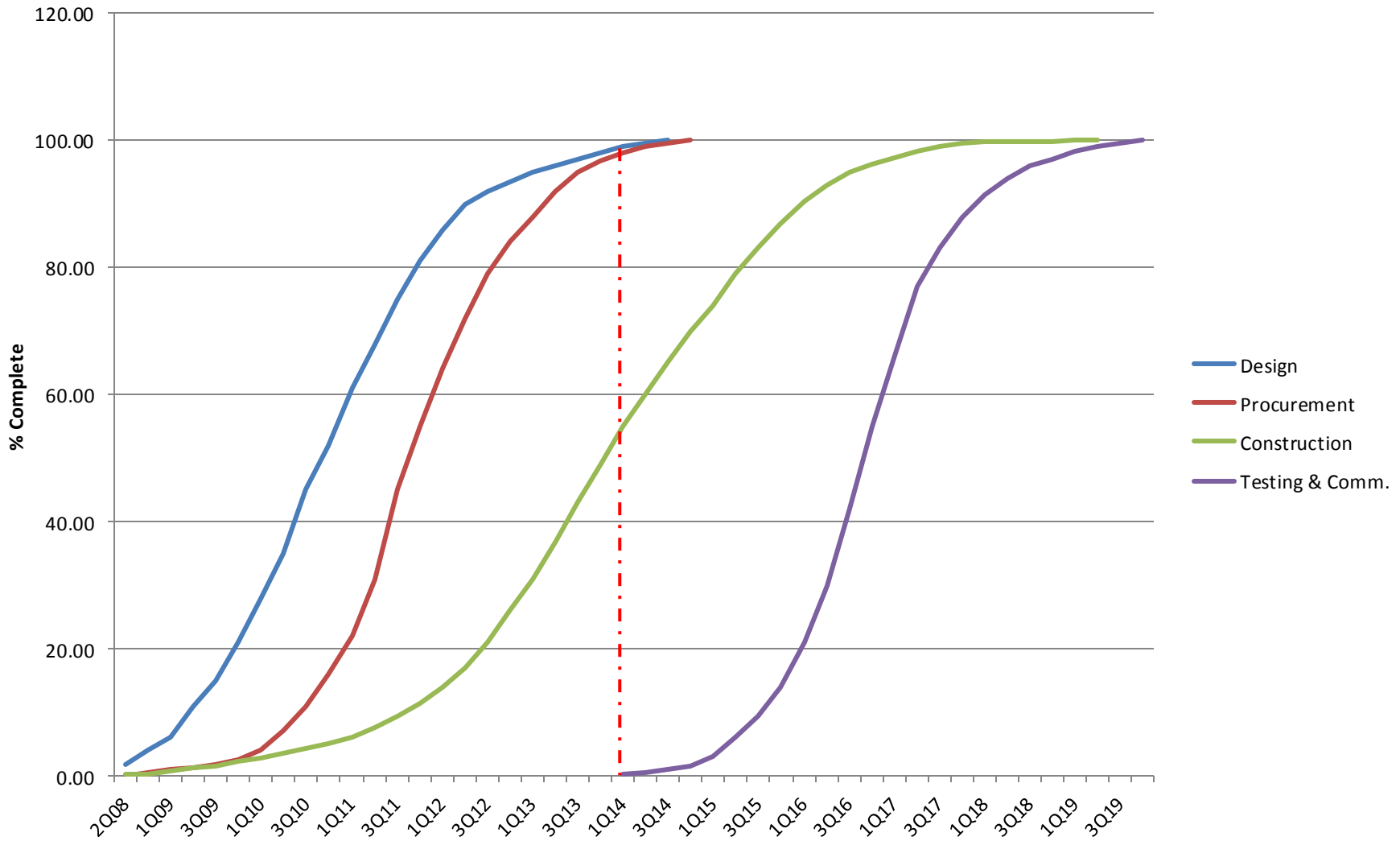


24 trains per hour

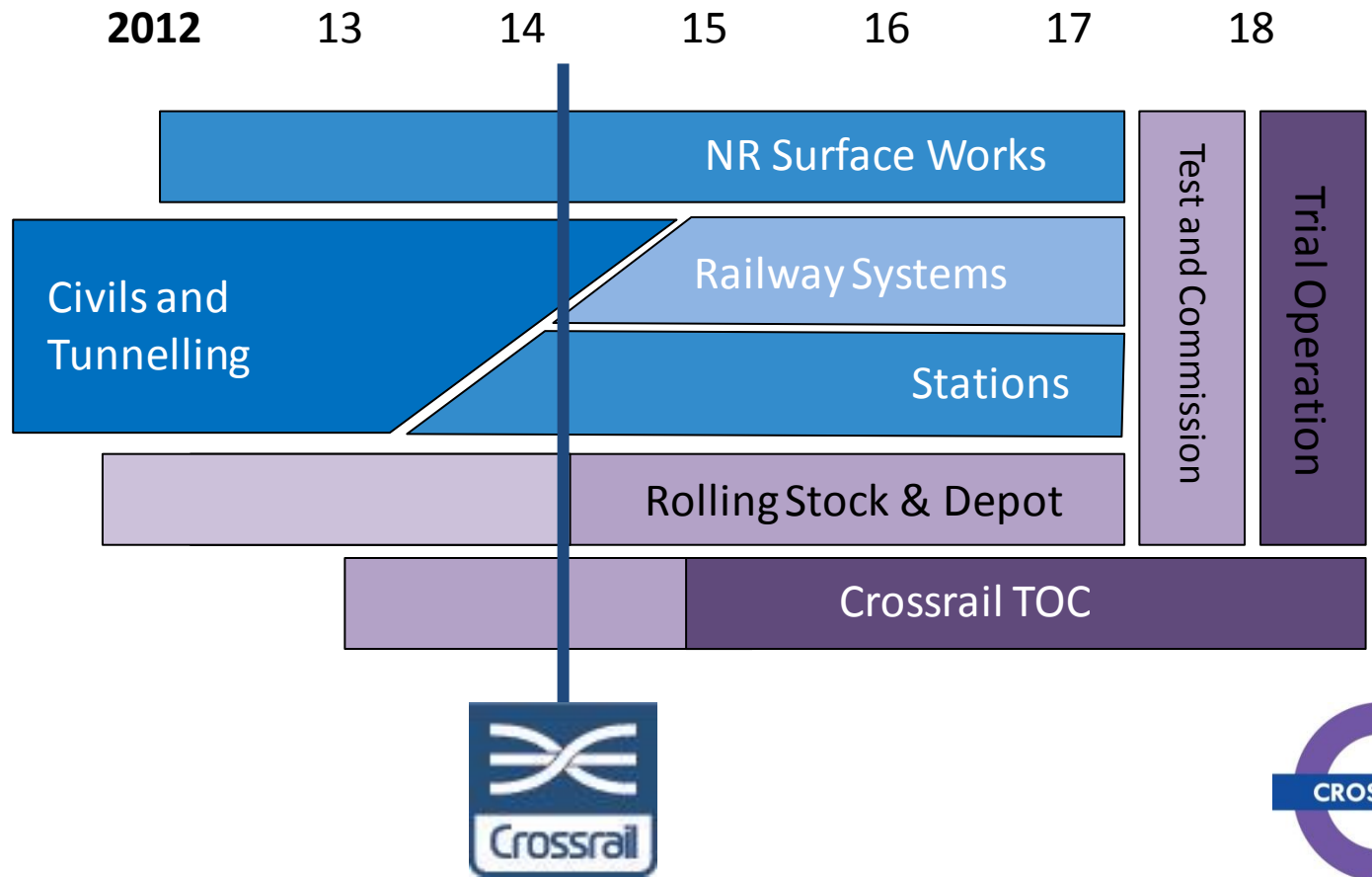


200 million journeys per year

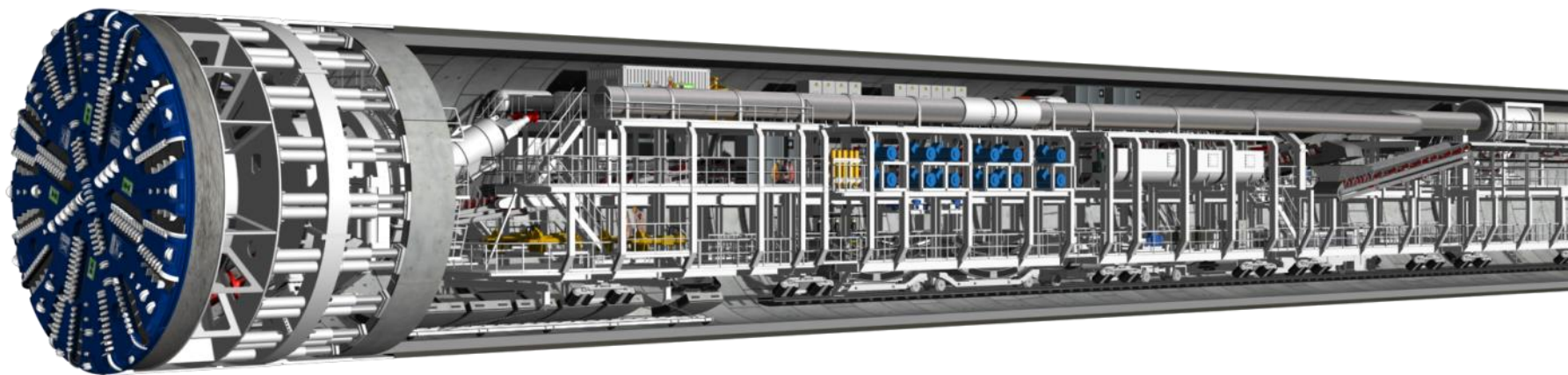
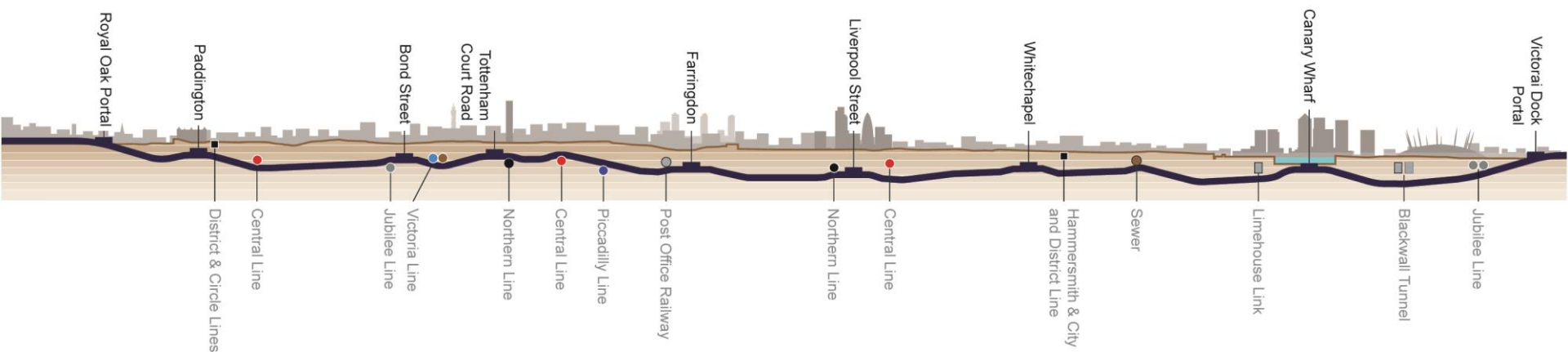
Project progress



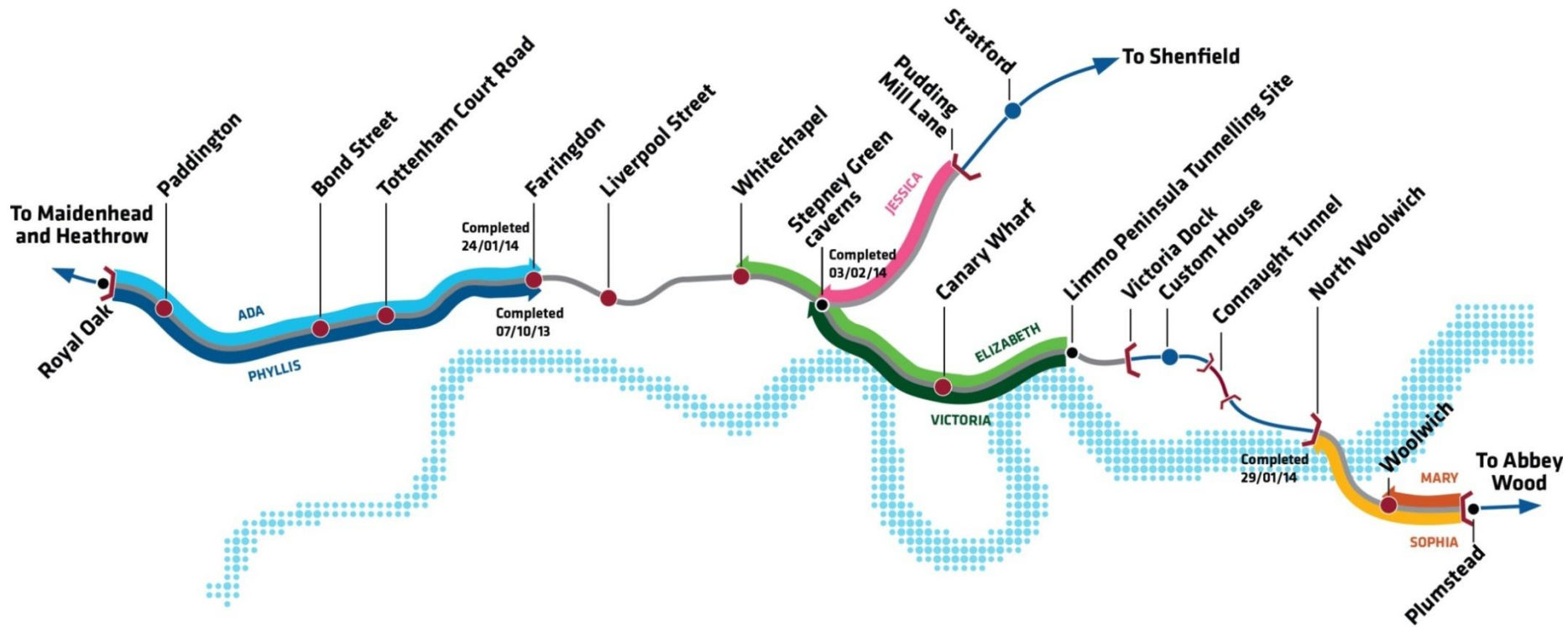
Crossrail: delivering a railway



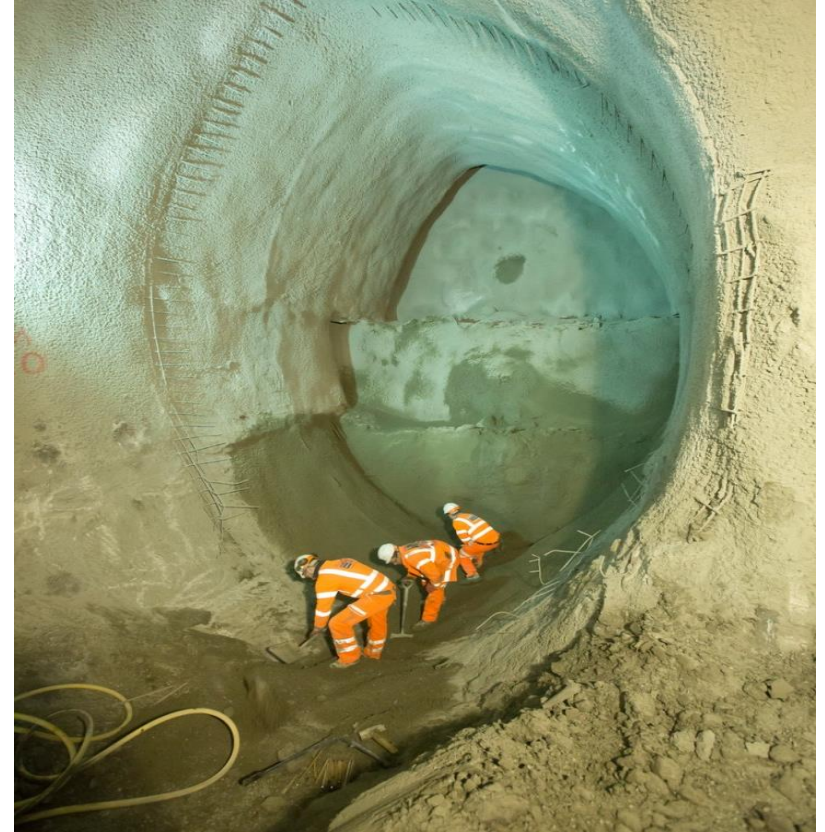
Tunnelling



Tunnelling progress: 29km



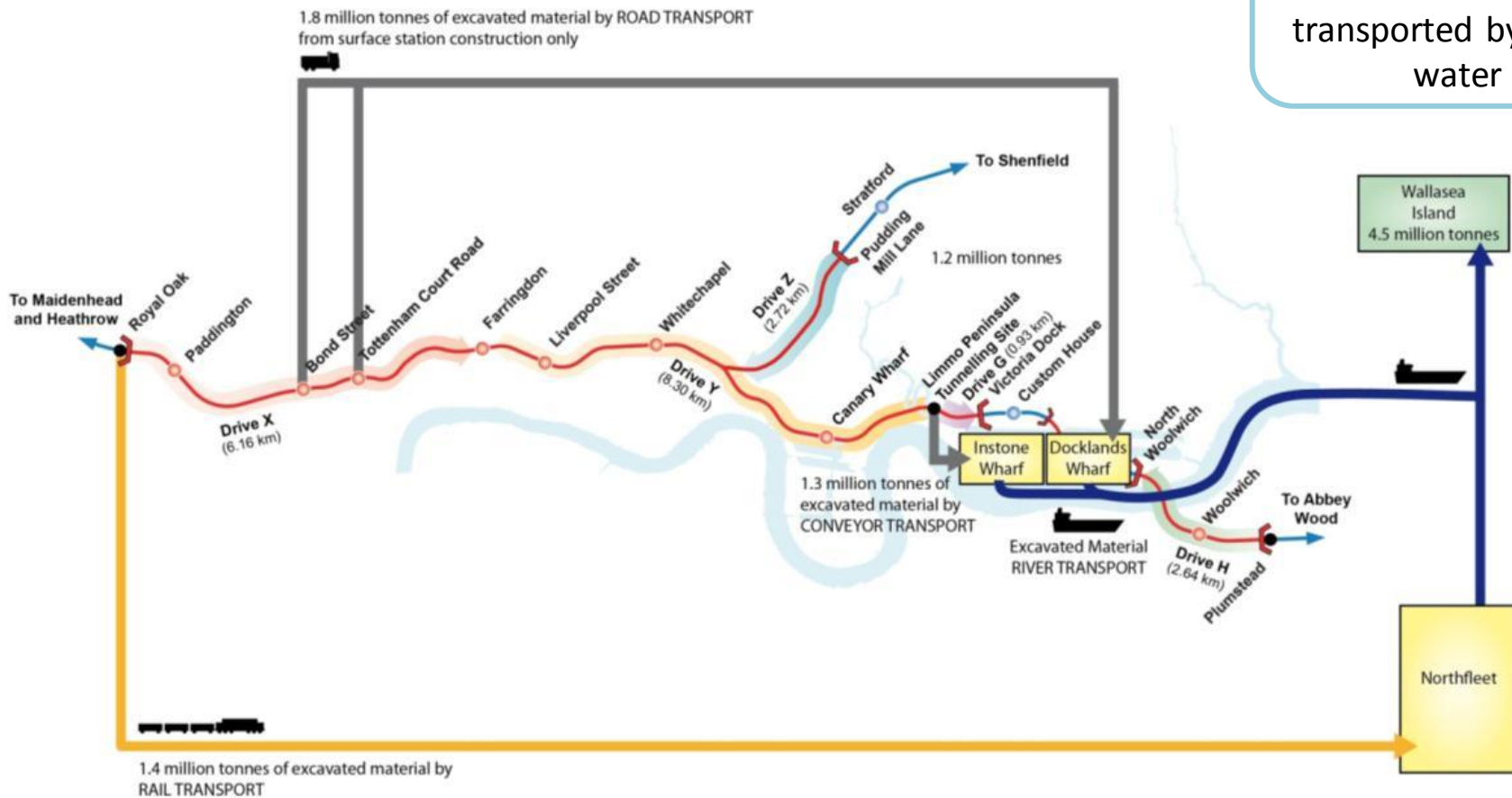
Spray concrete lined tunnels



Excavated material



On a tonne/km basis
85% of excavated
material is
transported by rail or
water



Wallasea Island 2016



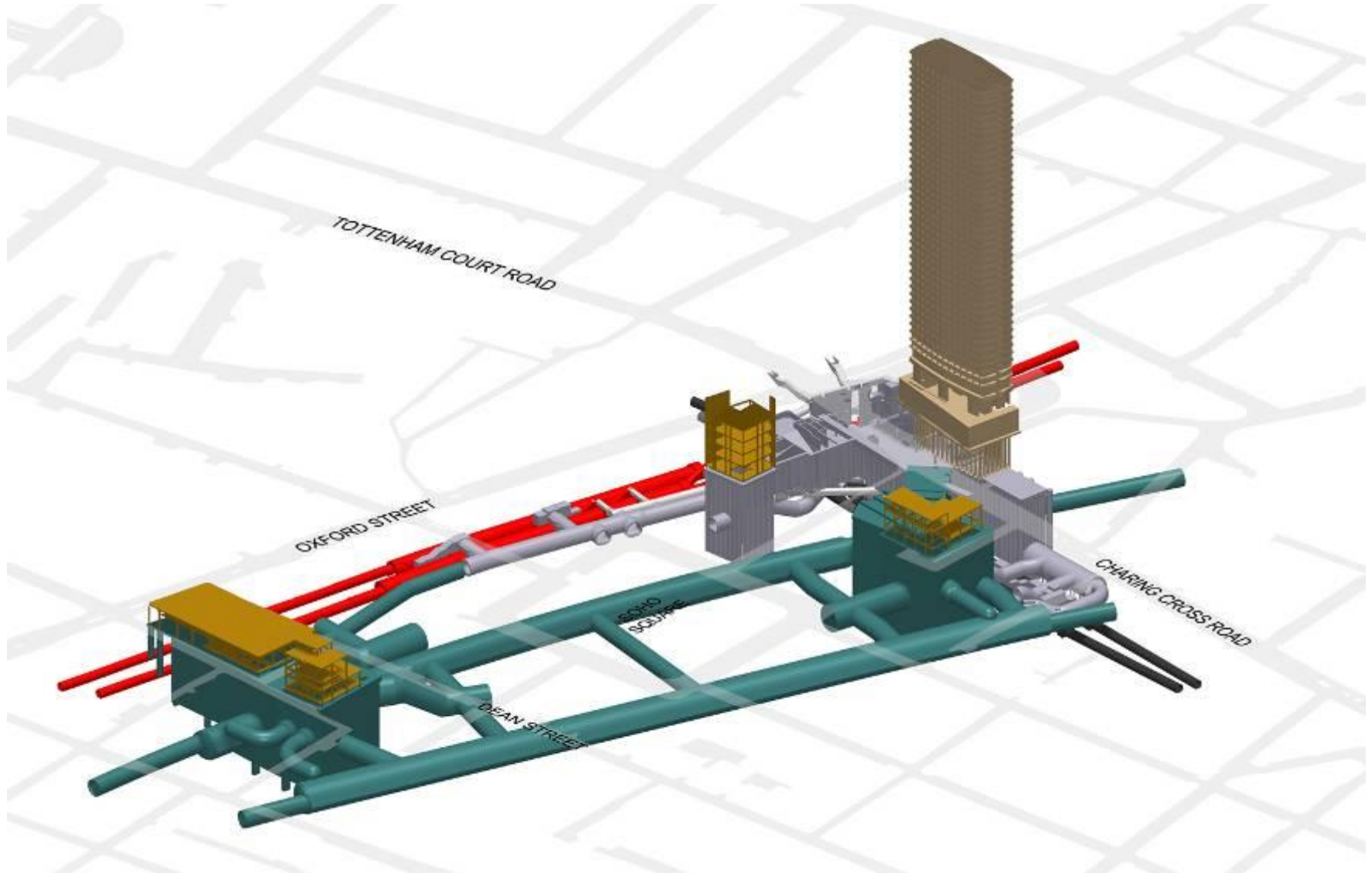
Central stations



- ▶ 8 new underground stations
- ▶ Majority of main works contracts awarded
- ▶ Major construction underway at all central London stations



Tottenham Court Road



Platform mock-up



The Culture Line



- ▶ London's greatest commercial art galleries create a line-wide exhibition
- ▶ 7 galleries for 7 stations
- ▶ One artist per station
- ▶ Spencer Finch selected for Paddington for his proposal "A Cloud Index"
- ▶ Funding secured from the City of London and Canary Wharf Group



Over site developments



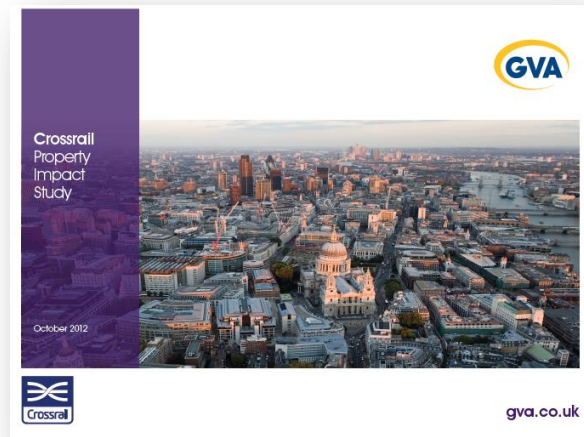
Archaeology



Property impacts



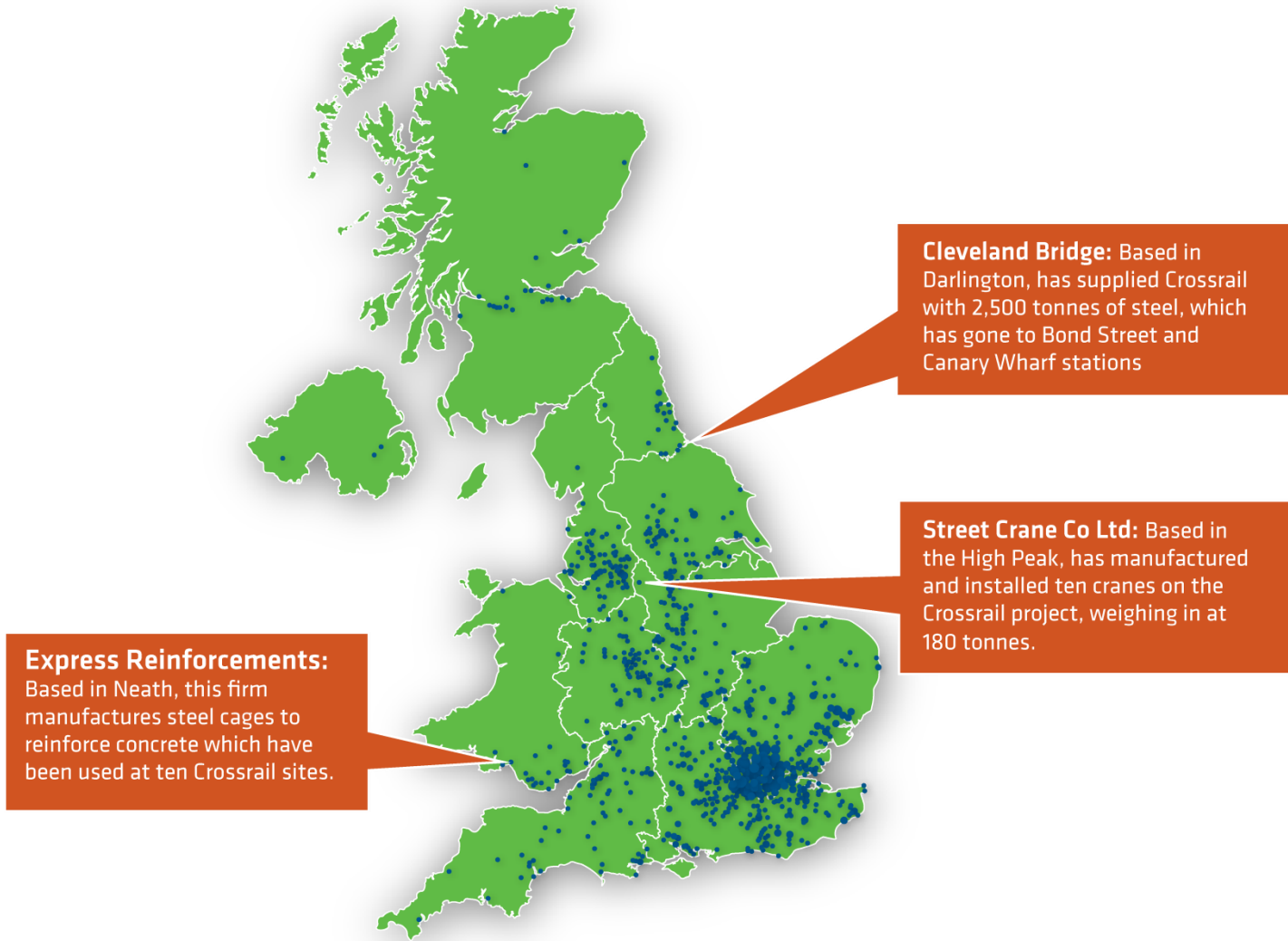
- ▶ **c.£5.5bn** additional residential and commercial property value
- ▶ Support 57,000 new homes
- ▶ 3.25 million square metres of commercial office floor space
- ▶ ***“Crossrail is more than a new rail link, it will be the catalyst for regeneration in key locations and a driver of London’s economic growth; in particular from a property perspective.”***



Equipping a workforce



Opportunities on Crossrail



Express Reinforcements:
Based in Neath, this firm manufactures steel cages to reinforce concrete which have been used at ten Crossrail sites.

Cleveland Bridge: Based in Darlington, has supplied Crossrail with 2,500 tonnes of steel, which has gone to Bond Street and Canary Wharf stations

Street Crane Co Ltd: Based in the High Peak, has manufactured and installed ten cranes on the Crossrail project, weighing in at 180 tonnes.

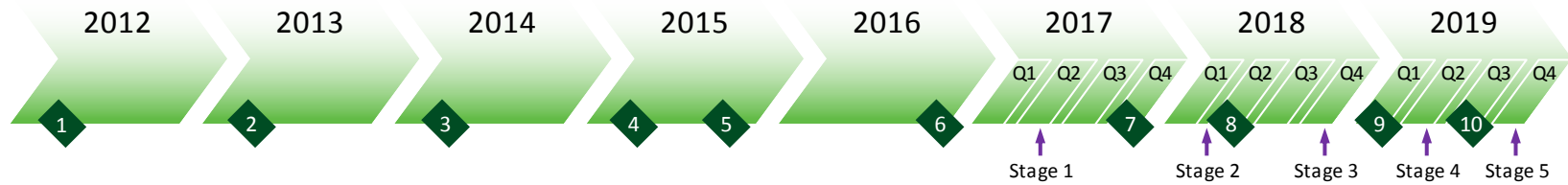
The new rolling stock



- ▶ 200m long trains
- ▶ 1,500 seated & standing passengers per train at peak times
- ▶ Regenerates energy during braking (major savings in energy and CO₂ emissions)



Railway integration timeline



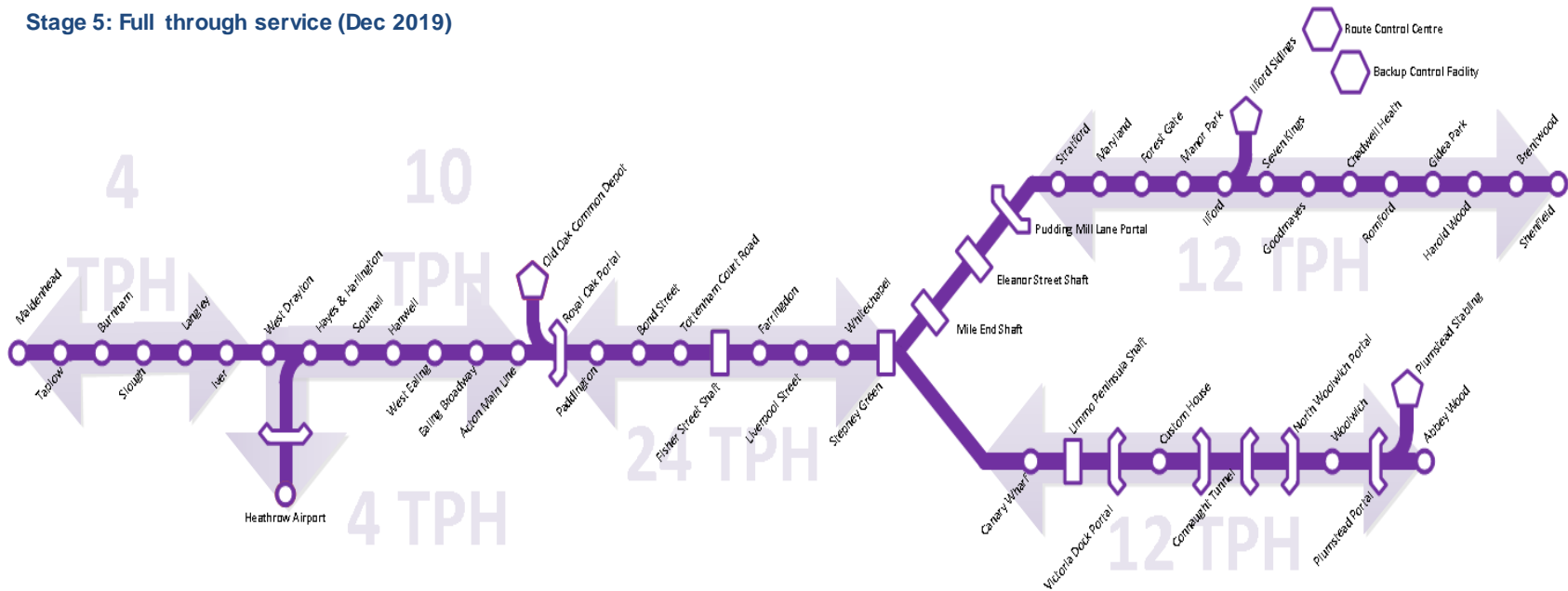
Stage 1: Liverpool St (mainline) to Shenfield (May 2017)

Stage 2: Heathrow to Paddington (mainline platforms) (May 2018)

Stage 3: Paddington (Crossrail platforms) to Abbey Wood (Dec 2018)

Stage 4: Paddington (Crossrail platforms) to Shenfield (May 2019)

Stage 5: Full through service (Dec 2019)



Moving London Forward

