

# ◀ CROSSRAIL

## Moving London Forward

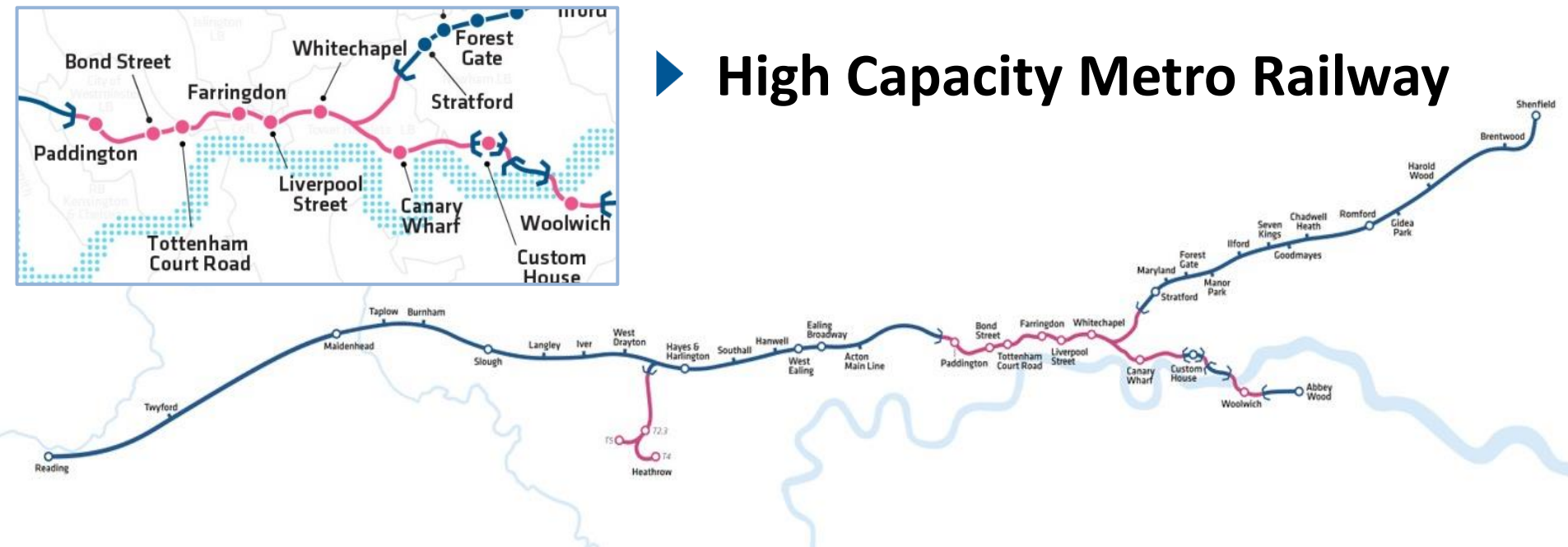
Sir Terry Morgan CBE

Chairman

# Crossrail – enabling London to grow



## ► High Capacity Metro Railway



**118 km**  
length

**£42bn**  
net benefit

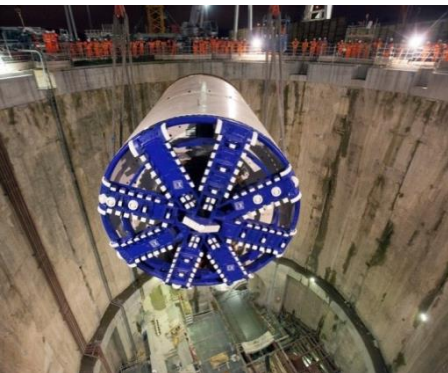
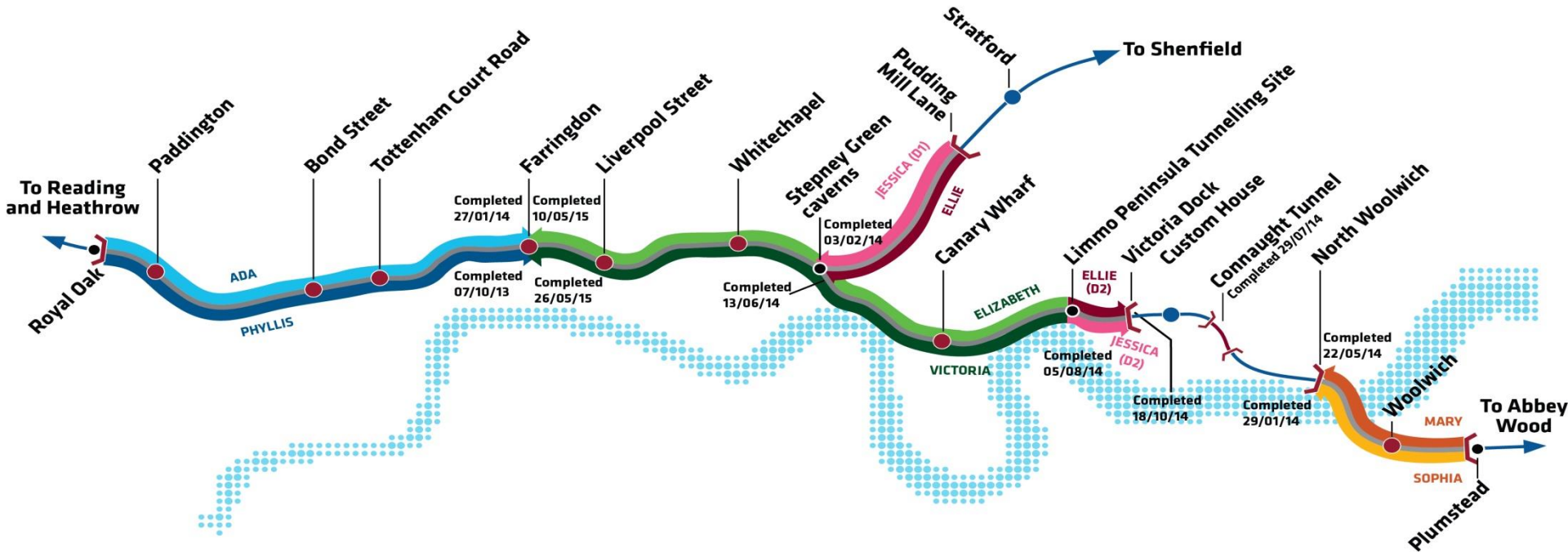
**42km**  
tunnels

**41 (10 new)**  
stations

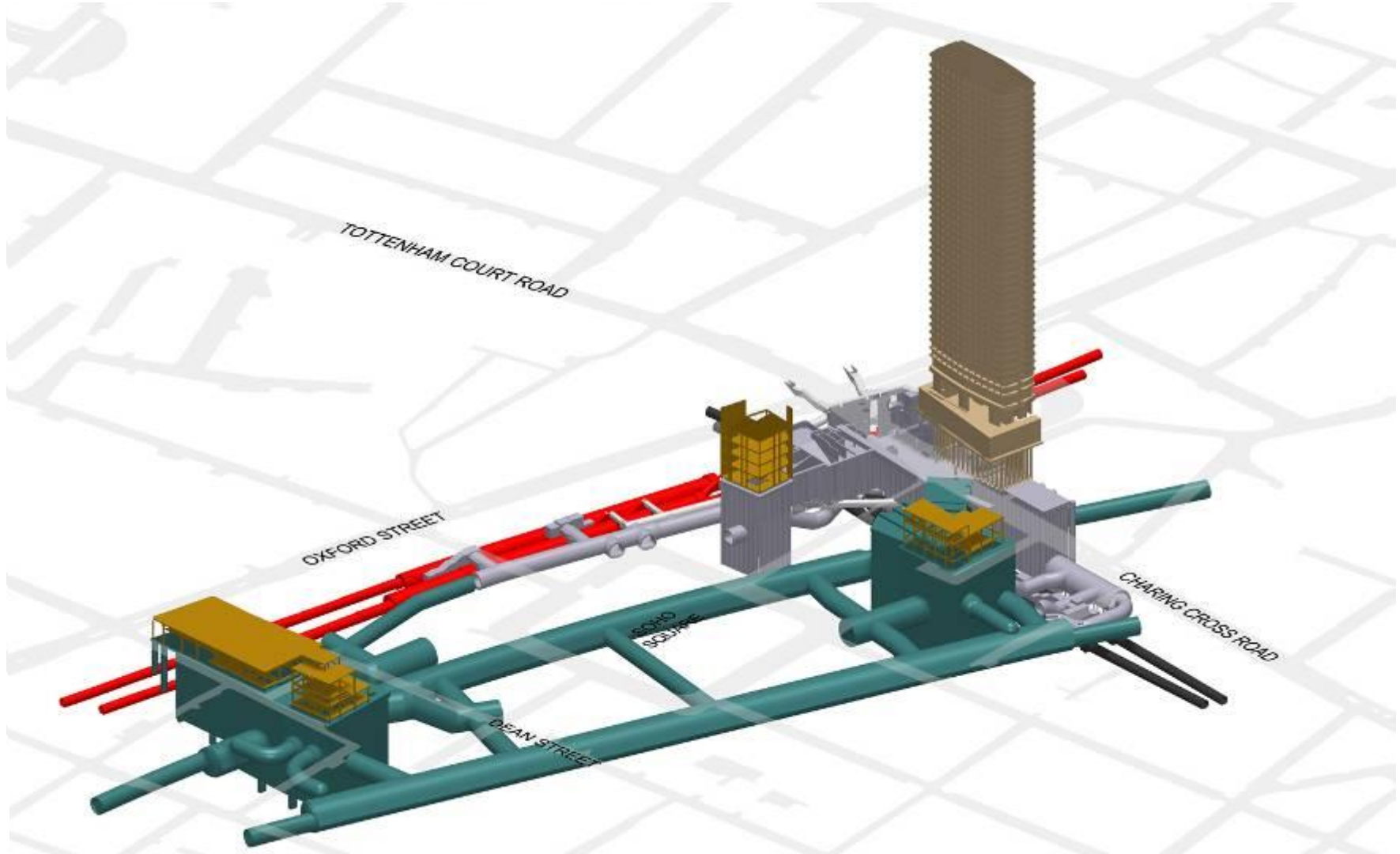
**24**  
Trains/hour

**200m**  
journeys pa

# Tunnelling



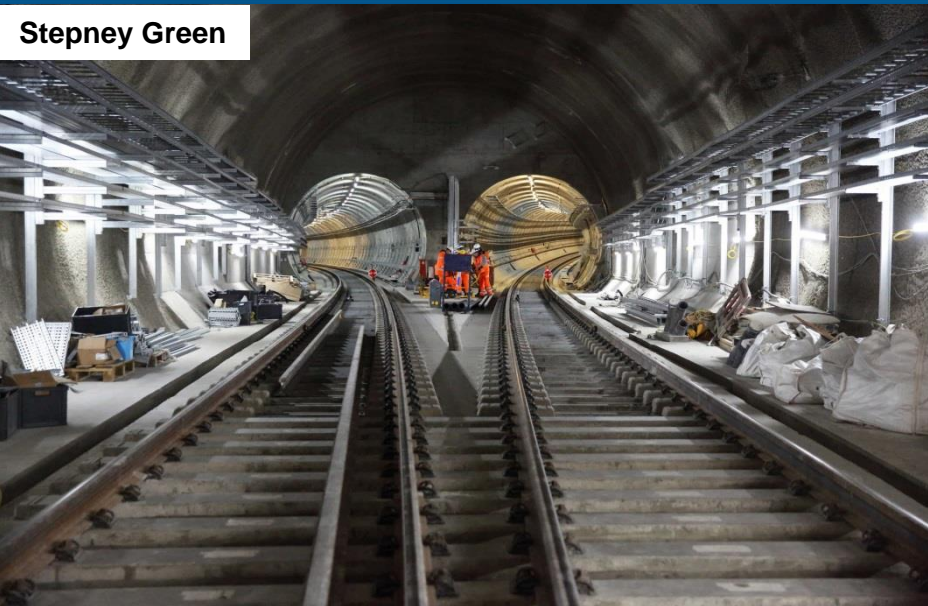
# Tottenham Court Road



# Railway systems



Stepney Green



Plumstead



Dynamic testing



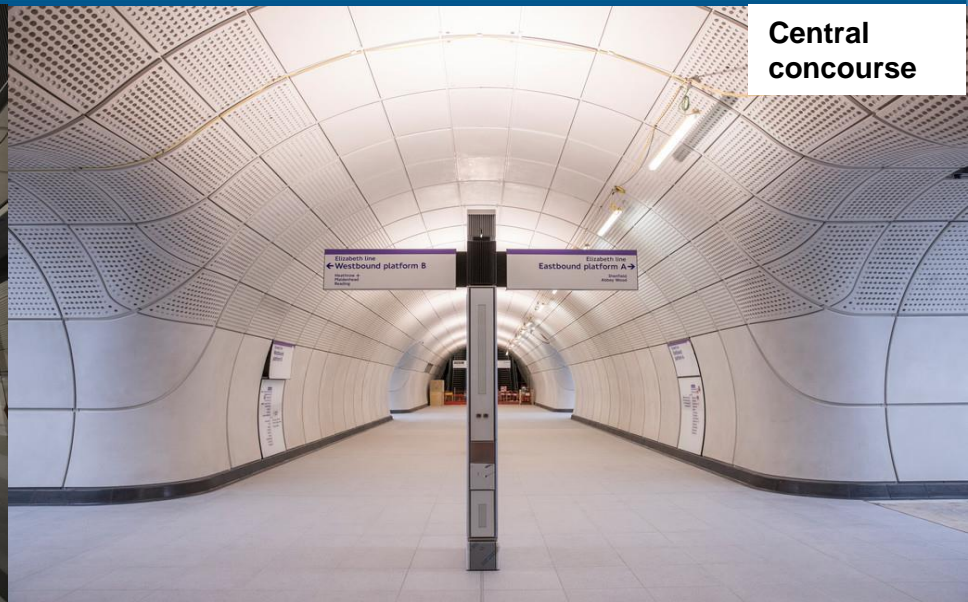
# Stations



**Platform**



**Central  
concourse**



**Canary  
Wharf**



**Tottenham Court Road**



# Art Programme



**Richard Wright -  
TCR**



**Spencer Finch  
- Paddington**



**Yayoi Kusama -  
Liverpool Street**



# The new Elizabeth line trains



## Key features:

- 70 lightweight trains each 200 metres long
- Walk-through carriages with Wi-Fi and 4G
- Space for 1,500 passengers capacity with 454 seats
- MTR to operate Elizabeth line services on an 8 year concession with option to extend to 10 years
- Air Conditioning and real time information on-train
- Energy efficient and intelligent on-train energy management systems
- 4 dedicated wheelchair spaces and 10 multi-use spaces
- Capable of running up to 90mph on outer sections



# Property impacts



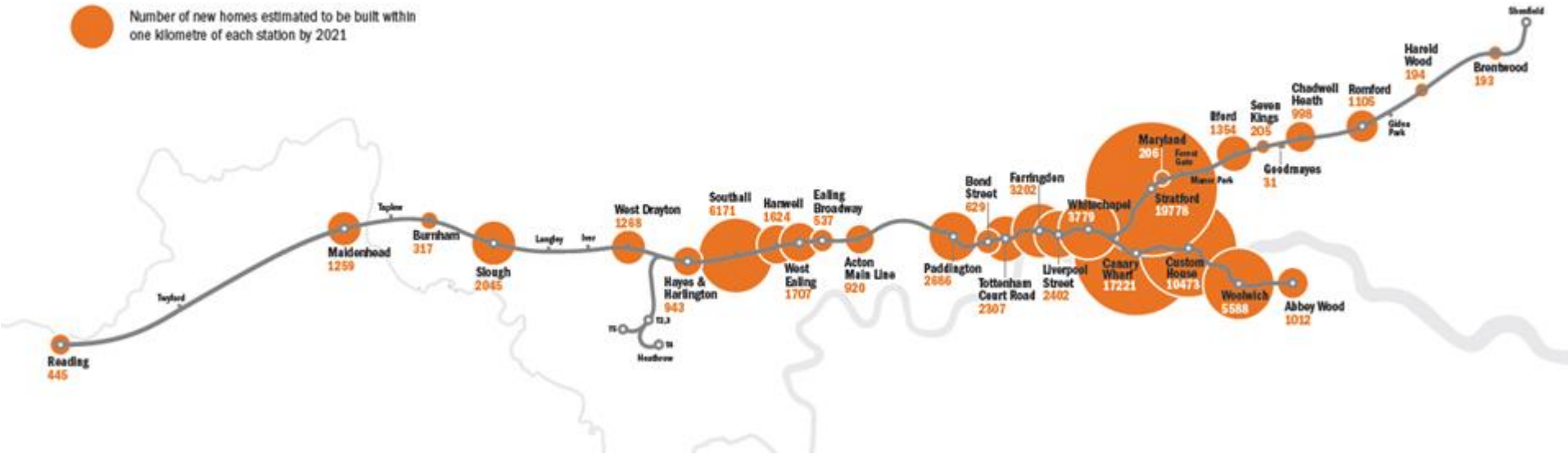
- ▶ Oversight developments – 3m square feet of office, retail and residential above 12 Crossrail sites
- ▶ £10.6bn (previously £5.5bn) additional residential and commercial property value by 2021
- ▶ Support 90,000 (previously 55,000) new homes by 2021
- ▶ 4.4m (previously 3.25m) square feet of commercial office floor space by 2021



# New homes across the route



Number of new homes estimated to be built within one kilometre of each station by 2021



# Business opportunities on Crossrail

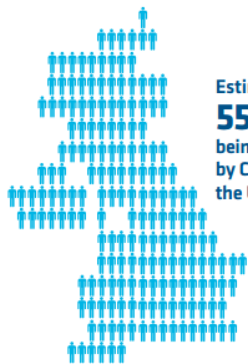


**£1**  
**£1.97**

For every £1 spent,  
Crossrail will bring £1.97  
of transport benefit

**3 in 5**

businesses in  
Crossrail's  
supply chain  
are SMEs.



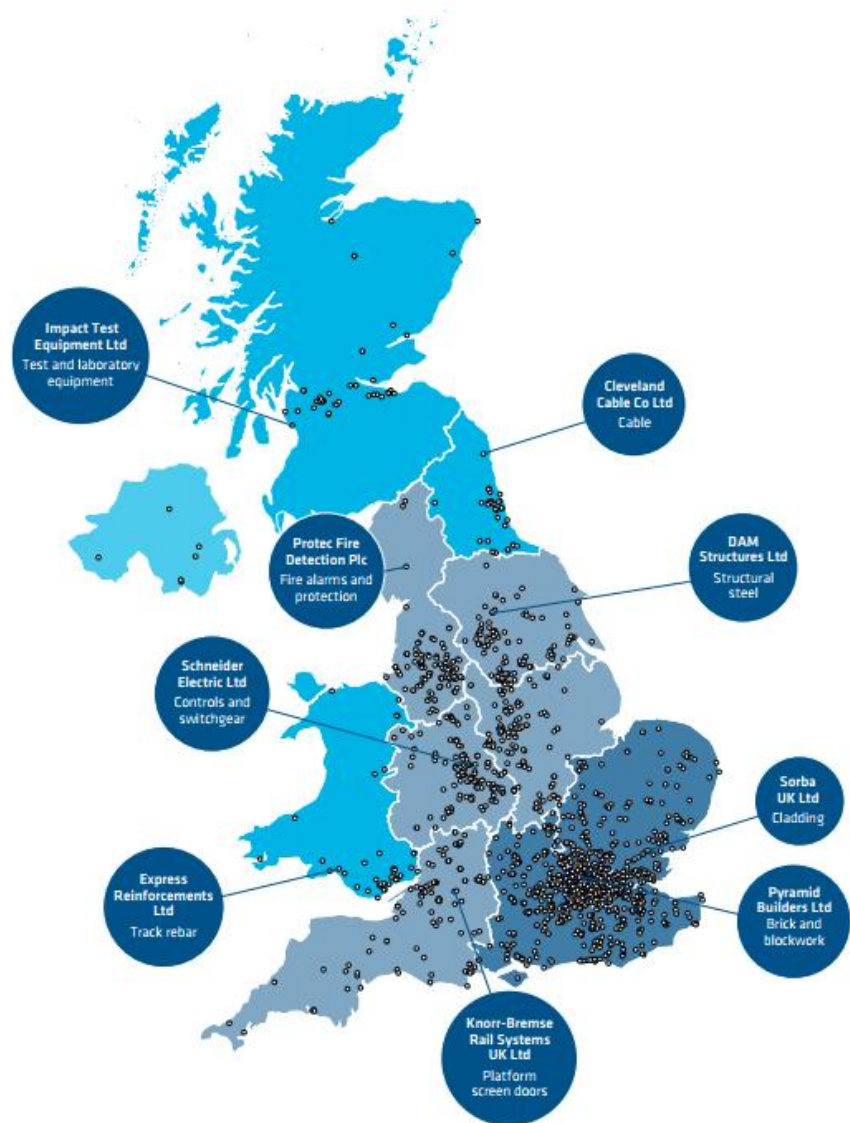
Estimated  
**55,000 jobs**  
being supported  
by Crossrail across  
the UK

**96%**

of the contracts  
awarded by Crossrail  
were to companies  
within the UK

**62%**

of suppliers  
based outside  
of London



# HS2 Growth Strategies



HS2 is already helping bring **investment and regeneration**

London



Manchester



Leeds



Birmingham



# Skills development



## Crossrail skills strategy

Maintaining safety

Inspiring future talent

Supporting local labour

Revitalising the skills base



## September 2018

1003 Apprentices

c20,000 enrolled at TUCA

27% of apprentice intake in last 12 months female

4,544 jobs for local people

*All figures are running totals bar 'employed on project'*



# Training Centres of Excellence



Tunnelling and Underground Construction Academy, Ilford



Manufacturing Training Centre, Coventry



High Speed Rail College, Doncaster



High Speed Rail College, Birmingham

HS2's new recruitment model, using **bias-free selection** methods has brought in a diverse cohort.



Graduates

**40%**

women

**28%**

BAME

**4%**

over 30



Apprentices

**43%**

women

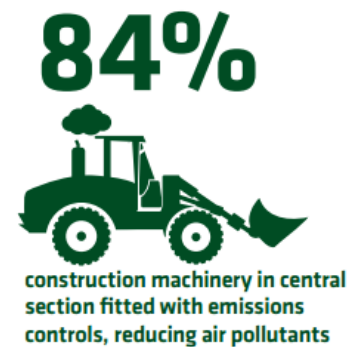
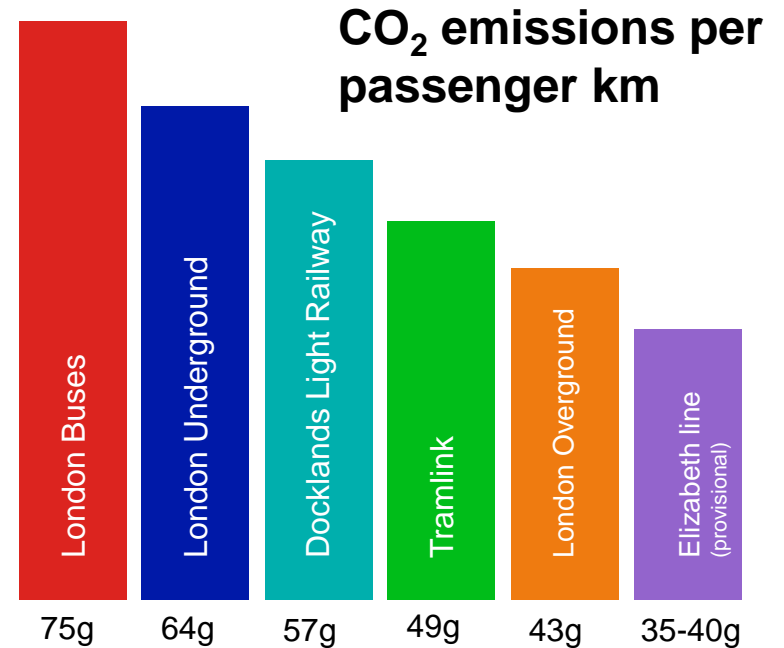
**36%**

BAME

**7%**

over 30

# Environment



# Thank you



# MOVING LONDON FORWARD