

MetroRail 2012

Tackling the Key Financial and Operational Challenges facing the Metro industry

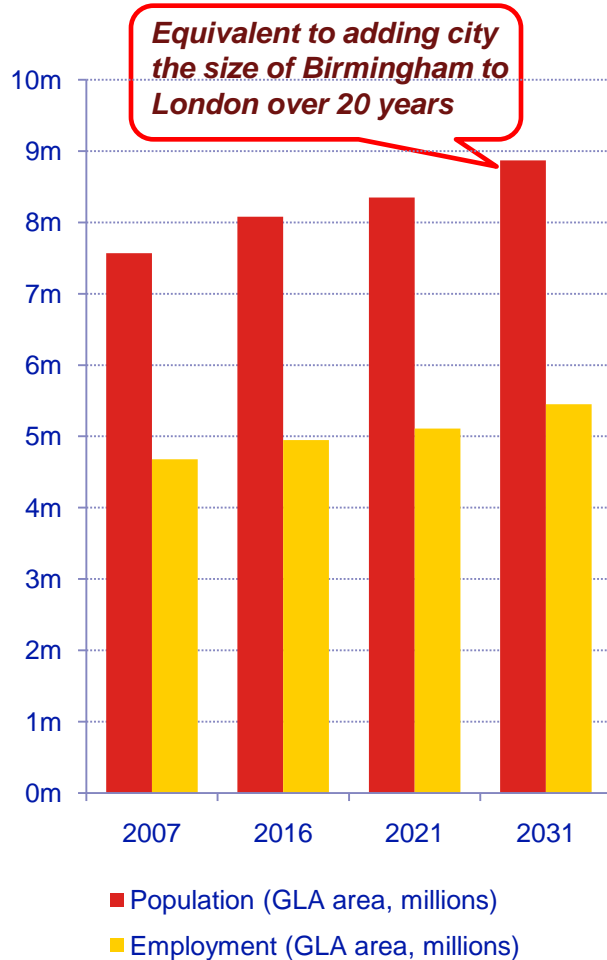
Mike Brown

**Managing Director
London Underground & Rail**

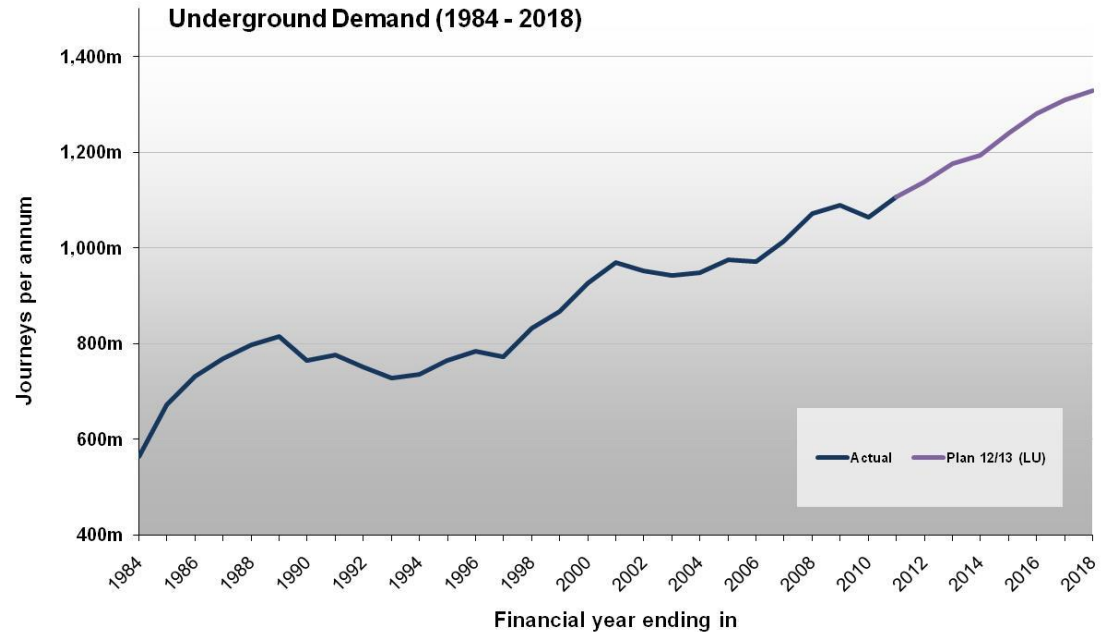


A growing city and growing demand

Population & employment are growing



Driving the demand for underground



Our challenge - Keep London moving while transforming the Tube



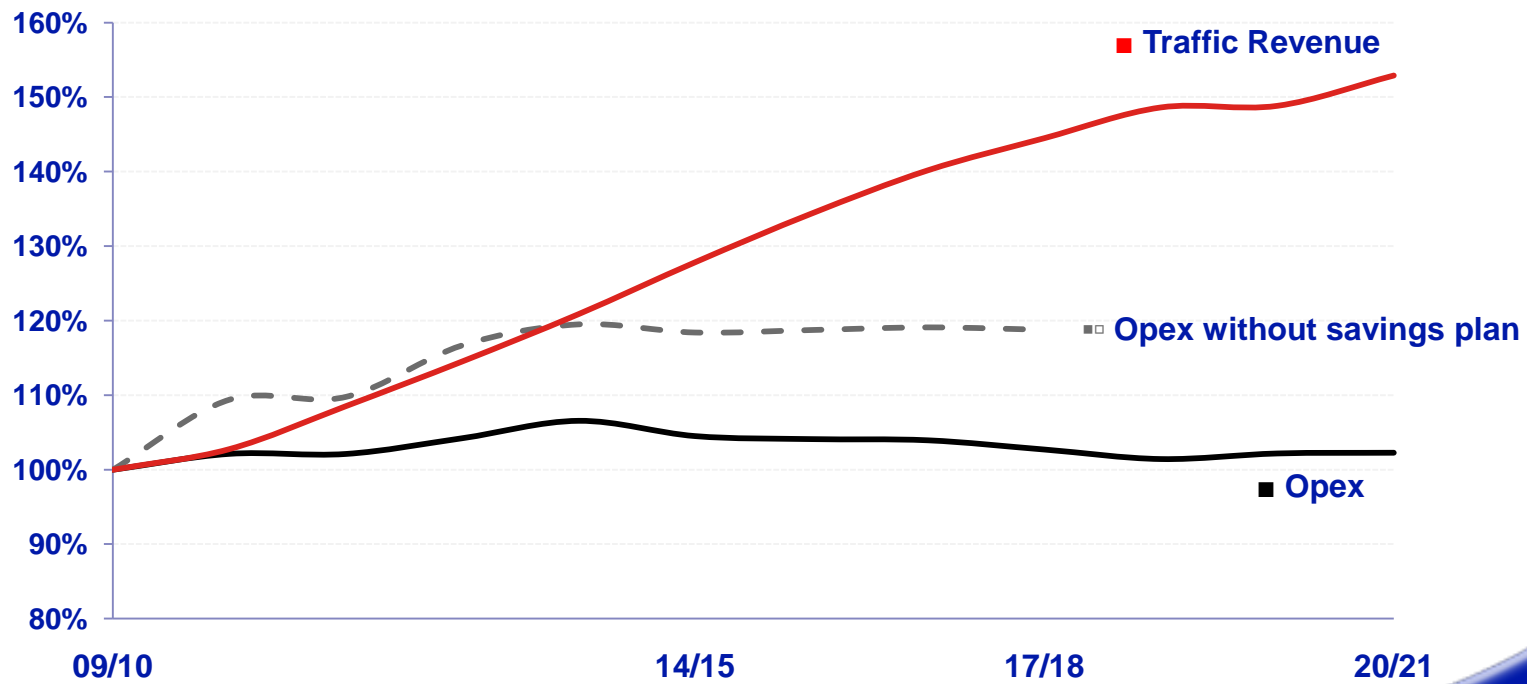
- **Growth, old assets and reliability through renewal – within financial and environmental constraints**

To do this – focus on 4 key Strategic areas

- 1 Customer
- 2 Delivery
- 3 Value
- 4 People



Our overall efficiency programme saves £4.7bn 2009/10 to 2017/18



Total steady-state cost:
£17bn
from 2012/13 to 2015/16

Increasing capacity to support London's growth

**Sub-surface upgrade:
2018**



**Major Station Congestion relief:
2018**

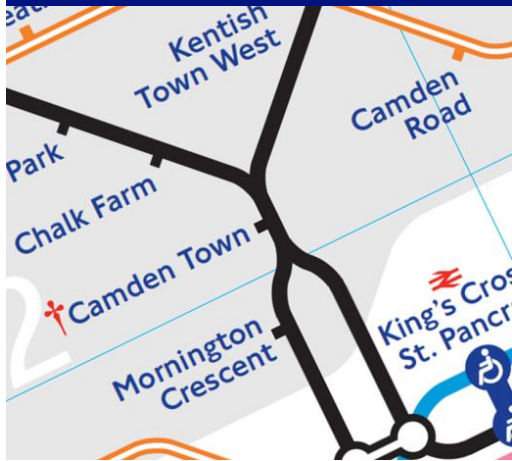


**Bakerloo line and Piccadilly line
upgrades: 2022 and 2026**



Increasing capacity to support London's growth

20% Northern line capacity rise



New trams delivered



Constructing Crossrail



Orbital railway complete



Doing more for less with technology



- Further opportunities through new assets, but also better ways of managing existing assets, e.g. track monitoring system.

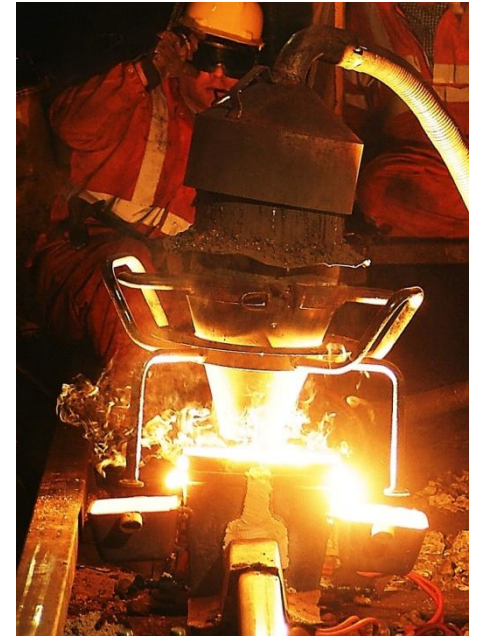


The “People” Management Challenge

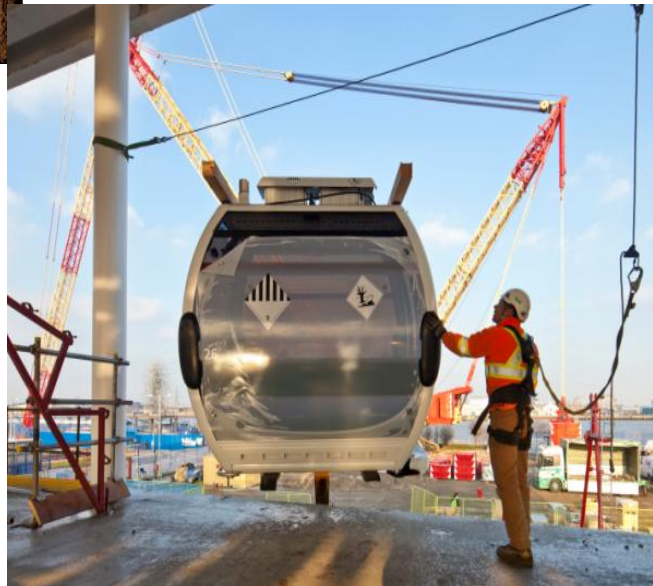
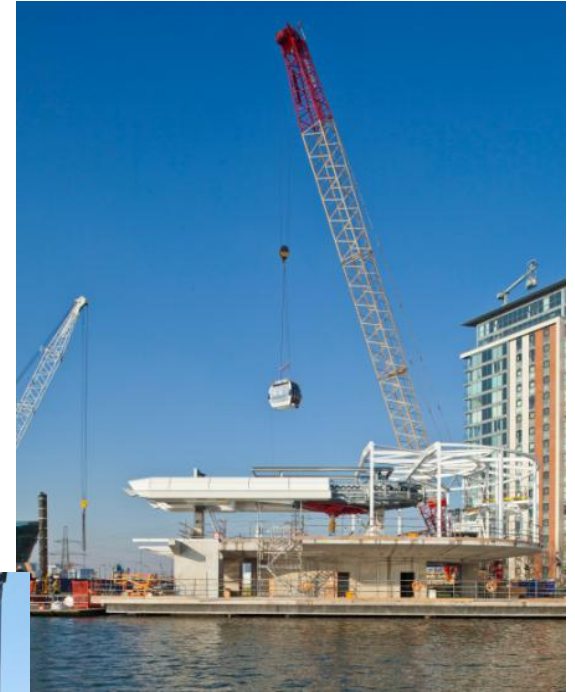


Benchmarking a key tool

- Legacy of the previous infrastructure contracts are data rich
- CoMET valuable source
- Government oversight
- National Rail



Looking to other sources of income



Keeping a customer focussed approach with increasing ridership, especially in 2012!





