



Howard Collins
Chief Operating Officer

HOW TFL IS TACKLING THE TRANSPORT CHALLENGE TO KEEP THE LONDON OLYMPICS MOVING SMOOTHLY





600 trains



1150 km of track



163 Lifts



1.2 TWh
electricity



Up to 4m journeys daily on 11 lines,
over 1.1 billion last year



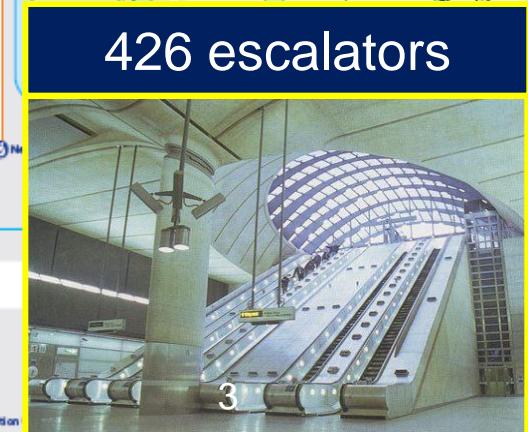
9,070
signals



270 stations



14 depots



426 escalators

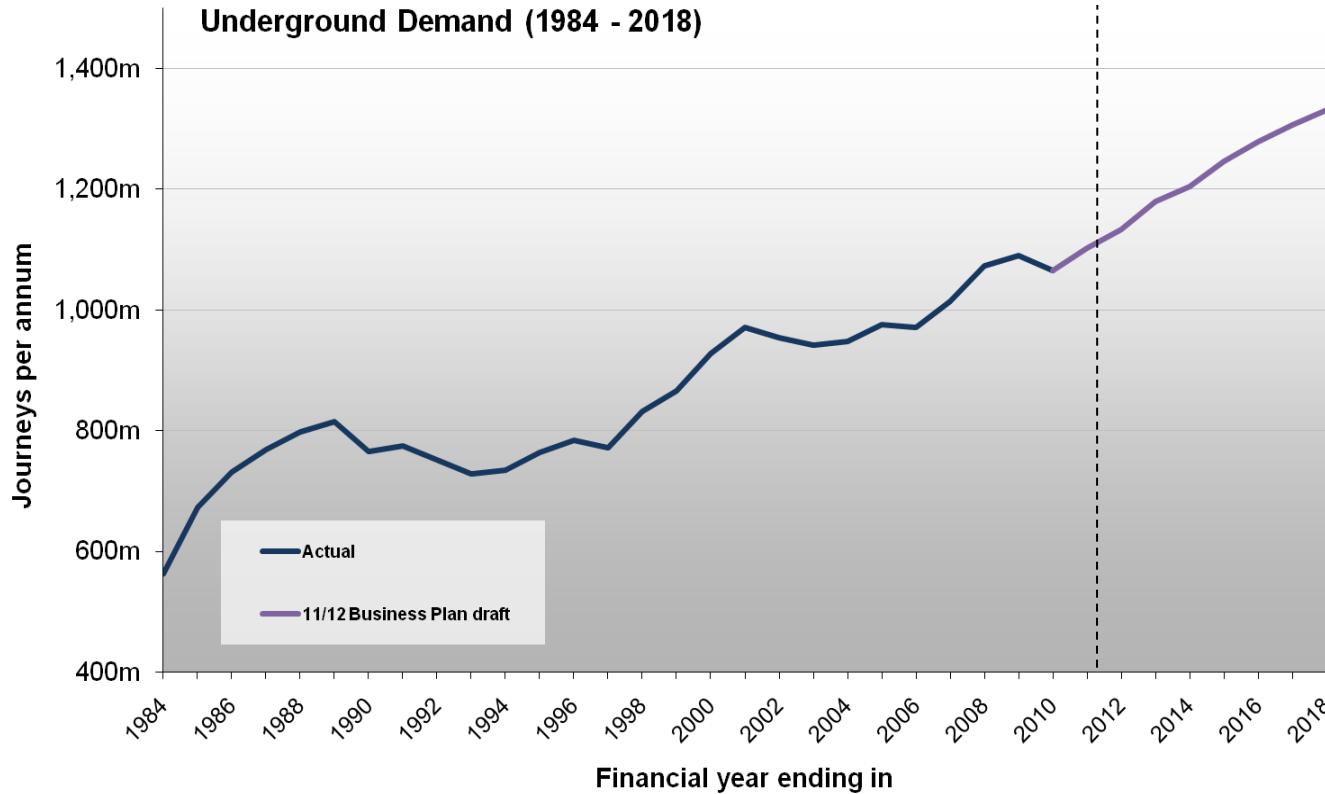
Challenge

- Oldest Underground system in the world (148 years)
- More passengers then ever before :
 - 1.1 billion in 2010/11 – new record for annual passenger journeys
 - 16% rise in seven years; 40% in 15 years
 - now regularly exceed over 90m journeys in a four week period; recently hit new record of 95.8 million in four weeks to 10 December
- Running more service than ever before
 - around 69m train km last year, 25% increase on 15 years ago – even with the need for closures
- Currently rebuilding every part of the network – one of the greatest engineering challenges in the world
- Bringing staffing structures up to date
- Ensuring value for money for tax and fare-payers



Rising Demand

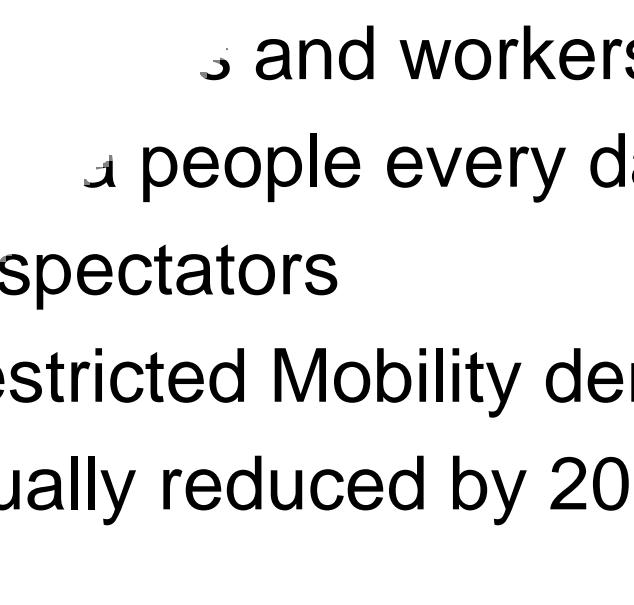
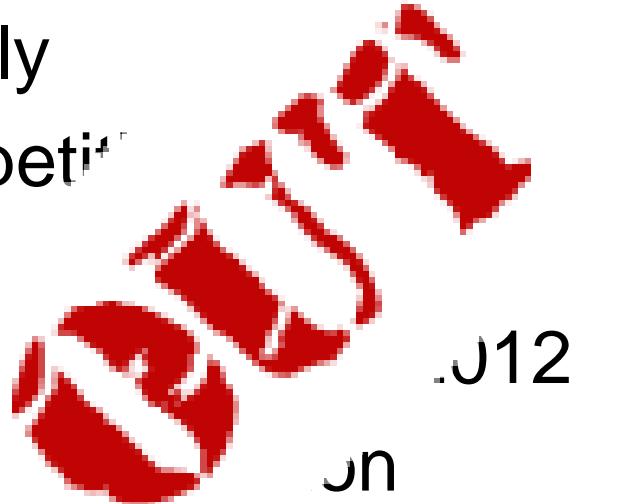
LU demand has seen a rising trend despite recession and recent weekend closures





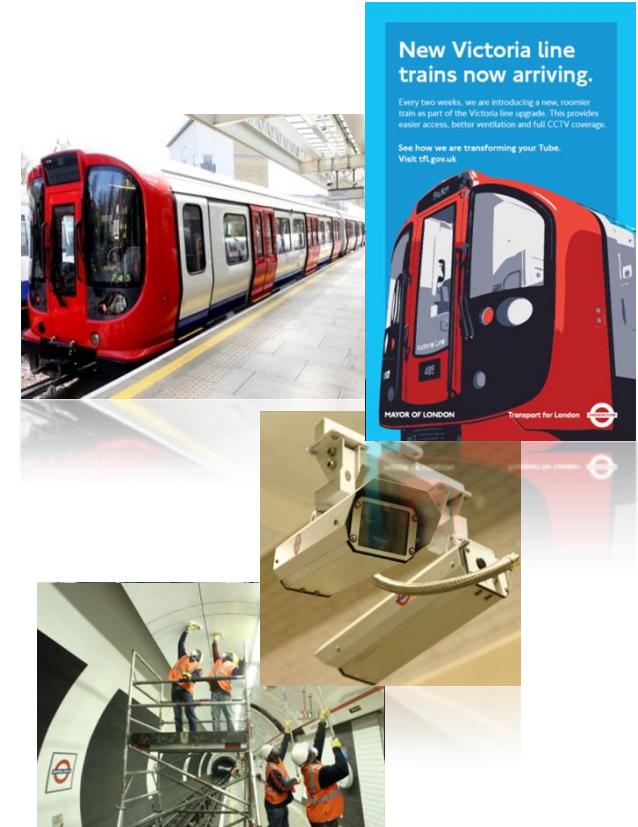
Olympic & Paralympic Games

- Opening ceremony 27th July
- Olympics: 16 days of competition
ticketed spectators
- Saturday 28 July to Sunday 15 August
- 20 venues across the UK
- 100% public transport
- 65% LU/DLF
- Paralympics: 12 days of competition
spectators
- Increased demand
• LU: 1.5 million passengers per day and is usually reduced by 20%



Upgrade Plan

- **Capacity:** increasing network peak capacity by 30% through line upgrade programme: new trains, track and signalling
- **Stations:** upgrading key Olympic stations (Stratford, West Ham, Wembley Park, Green Park, Southfields, King's Cross St. Pancras); and 160 others modernised or refurbished with CCTV and better communication systems



Games Time Service Patterns

- Opening ceremony – All LU/DLR services operate until 03:30
- Other days – services extended by approx 1 hour until 02:30
- Linked to National Rail network timetables
- Paralympics – Services extended to 02:30

	Jubilee, Central , District and Hammersmith & City lines	Bakerloo, Victoria, Northern, Piccadilly, Metropolitan, Circle and W&C
Days 1-6 Late Evening	Minor enhancements. Later service to 02:30 Close	Later service to 02:30 Close
Days 7-16 Late Evening	'Third peak' service 21:30 - 00:00 to 02:30 Close	Later service to 02:30 Close
Sunday mornings	Start 30-45 minutes earlier	Start 30-45 minutes earlier

Managing the Demand

- Reduce our background demand
- Bespoke advice to business and customers
- Specifying routes to Spectators
- Testing the plans
- Transport Co Ordination



A World Class Tube for a World Class City

