

Central London

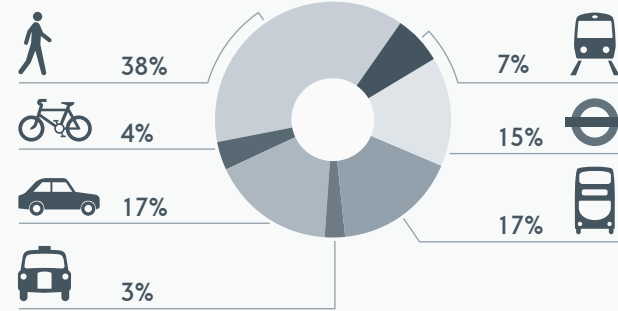
Sub-Regional Transport Plan: addressing the challenges

2013 update

Who lives and works in the Central London sub-region?
The central London sub-region, represented via the Central London Forward, consists of the London boroughs of the London Boroughs of Camden, Islington, Lambeth, Southwark, The Royal Borough of Kensington & Chelsea, City of Westminster and the City of London.



How people travel in the central London sub-region?
Modal share (average day (seven-day week), LTDS 2011/12)



Challenges and priority work areas

Challenges in every sub-region

- Improve air quality to meet and exceed legal requirements and ensure health benefits for Londoners
- Transform the role of cycling and walking in the sub-region
- Meet CO₂ targets

Central London-specific challenges

- Reduce public transport crowding and improving reliability
- Support growth areas and regeneration
- Ensure capacity at rail stations and efficient onward distribution
- Improve the urban realm and promote walking
- Manage the different demands on streets
- Improve air quality

What are the priority work areas?

- Improve air quality and reducing CO₂ emissions
- Developing the central sub-region's cycling network
- Making the freight network more efficient (four R's: Reroute, Reduce, Retime, Remode)
- Investing in area, corridor and junction studies to address challenges on the road network
- Making more efficient use of the bus network

Opportunity Areas

City Fringe	Tottenham Court Road
Earls Court*	Vauxhall/Nine Elms/Battersea*
Elephant and Castle*	Victoria
Euston	Waterloo
Kings Cross*	Canada Water / Surrey Quays
Kensal Canalside	Farringdon /Smithfield
London Bridge/Bankside	Holborn
Paddington	West Hampstead

*Recent 2012/13 development activity is highlighted on the map

Further information

The central Sub-Regional Transport Plan 2012/13 update provides more detail on the implementation plan for sub-regional projects planned and committed until 2020.

Contacts

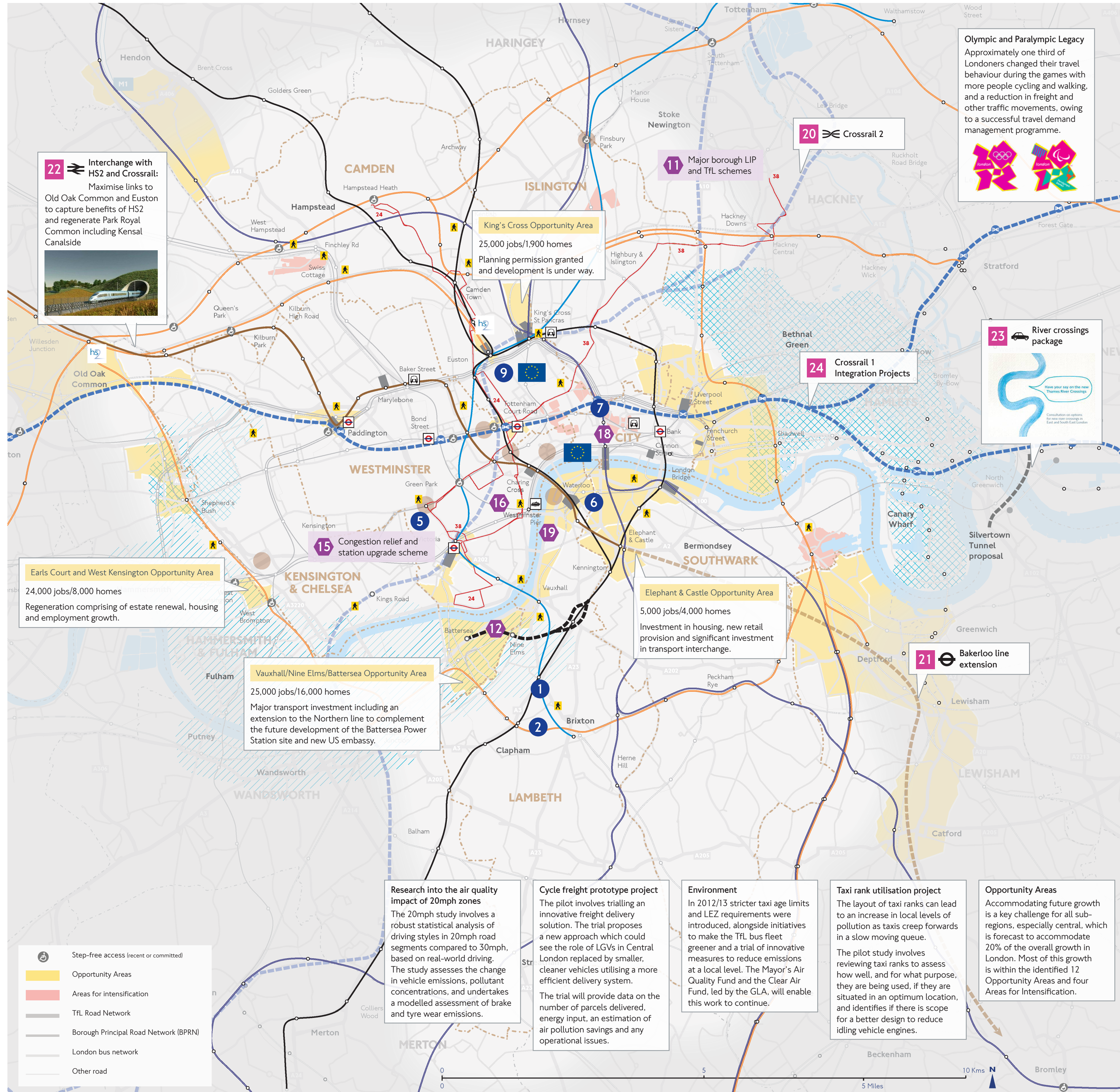
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Olympic and Paralympic Legacy
Approximately one third of Londoners changed their travel behaviour during the games with more people cycling and walking, and a reduction in freight and other traffic movements, owing to a successful travel demand management programme.

Research into the air quality impact of 20mph zones
The 20mph study involves a robust statistical analysis of driving styles in 20mph road segments compared to 30mph, based on real-world driving. The study assesses the change in vehicle emissions, pollutant concentrations, and undertakes a modelled assessment of brake and tyre wear emissions.

Cycle freight prototype project
The pilot involves trialling an innovative freight delivery solution. The trial proposes a new approach which could see the role of LGVs in Central London replaced by smaller, cleaner vehicles utilising a more efficient delivery system. The trial will provide data on the number of parcels delivered, energy input, an estimation of air pollution savings and any operational issues.

Environment
In 2012/13 stricter taxi age limits and LEZ requirements were introduced, alongside initiatives to make the TfL bus fleet greener and a trial of innovative measures to reduce emissions at a local level. The Mayor's Air Quality Fund and the Clear Air Fund, led by the GLA, will enable this work to continue.

Taxi rank utilisation project
The layout of taxi ranks can lead to an increase in local levels of pollution as taxis creep forwards in a slow moving queue. The pilot study involves reviewing taxi ranks to assess how well, and for what purpose, they are being used, if they are situated in an optimum location, and identifies if there is scope for a better design to reduce idling vehicle engines.

Opportunity Areas
Accommodating future growth is a key challenge for all sub-regions, especially central, which is forecast to accommodate 20% of the overall growth in London. Most of this growth is within the identified 12 Opportunity Areas and four Areas for Intensification.

What was delivered in 2012/13?

- Completed Victoria line upgrade, delivering 21 per cent capacity increase
- Completion of the London Overground network (extension from Surrey Quay to Clapham Junction)
- Major borough LIP and TFL schemes including: Leicester Square, Britannia Junction, Jubilee Gardens, Oxford Street East Scheme – Phase 1, Strand /Aldwych Scheme, Hyde Park Corner Pedestrian Enhancement – ORN and legacy scheme, Finsbury Park Connect2 scheme
- Barclays Cycle Hire expansion and intensification (eastern extension and intensification)
- New Bus for London (hybrid) prototype vehicles in service on route 38
- Better Junctions review, including Waterloo Phase 1 and Hyde Park Corner
- GNEWT Cycle freight trial for last mile deliveries
- Taxi rank trial to review and assess taxi ranks and waiting areas to improve air quality: City (Square Mile), Baker Street quarter, Kings Cross/St. Pancras
- European funding projects including LAMILLO and FREVUE
- Other London-wide projects
 - Wi-Fi provision at underground stations
 - Pedestrian countdown roll out
 - Continuation of the bus stop and station step-free access programme
 - Legible London expansion including but not limited to the areas shown

What is committed?

- Crossrail 1 - first services are planned to begin operation in 2017
- Major borough LIP and TFL schemes, including: Euston Circus, Aldgate Two Way, Holborn Streetscape enhancement, Streatham High Road safety and urban realm improvements, Oxford Street East Phase II, Piccadilly Two Way Phase II, West End Project: Tottenham Court Road, Highbury Corner-Highbury Gyrotary, Camberwell Town centre revitalisation, Clapham Gateway/Old Town transformation
- Northern line extension
- Northern line signalling upgrade and increase in trains
- Barclays Cycle Hire expansion and intensification (south west expansion)
- Congestion relief and station upgrade schemes at Bank, Victoria, Tottenham Court Road, Paddington and Bond Street
- River pier upgrades and increased services
- Five-car trains on all electric London Overground routes and increase in capacity of the railway by 25%
- Thameslink: Completion of Thameslink Programme on Midland Main Line and East Coast Main Line by December 2018
- Trial of electric buses along route 507 in 2013
- Other London-wide projects
 - Wi-Fi provision at underground stations
 - Pedestrian countdown at traffic signals
 - Continuation of the bus stop and station step-free access programme
 - Contactless ticketing on all modes
 - SCOOT roll out to a further 1,500 sites London-wide
 - Introduction of electric vehicle charging points
 - Network wide roll out of a further 600 New bus for London buses
 - Legible London expansion
 - Investment in strategic and local roads (following the Roads Task Force Strategy)
 - Implementing the Mayor's Vision for Cycling in London

Future opportunities

- Crossrail 2
- Bakerloo line extension
- Maximising the potential of HS2
- River crossings package
- CrossRail 1 Integration Projects
- Other London-wide projects
 - Improvements to the road network following the outcomes of the Roads Task Force
 - Beyond the committed step-free access programme there are others identified. For a complete list please refer to TfL's Accessibility Implementation Plan
 - Continual review of the bus network
 - Potential schemes to improve air quality
 - Behaviour change measures – Potential opportunities to improve the sustainability of freight and servicing
 - Implementing the Mayor's Vision for Cycling in London