Encouraging mode shift in London

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Transport for London
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EVERY JOURNEY MATTERS

Overview

- London's challenges and the Mayor's Transport Strategy
- Mode shift: MTS targets and recent trends
- Themes of the MTS
- Increasing levels of cycling and walking
- The London Plan – mode shift in new development
- Moving to zero emission road transport

London faces significant challenges

Streets and cars

Overdependence on cars, causing congestion, pollution and road danger

Public transport and quality of life

Rail crowding, slow buses caused by congestion

Future growth

Population to reach 10.8m by 2041, housing shortage, 65,000 new homes needed each year

Transport for London is the strategic transport authority responsible for most of London's transport

MAYOR OF LONDON

MOPAC | MAYOR OF LONDON

Transport for London

LONDON LEGACY DEVELOPMENT CORPORATION

LONDON FIRE AND EMERGENCY PLANNING AUTHORITY

Transport Services

BUSES

STREETS

COACHES

UNDERGROUND

D L R

OVERGROUND

RIVER

DIAL-A-RIDE

TAXI-PRIVATE HIRE

TRAMLINK

Low Emission ZONE

Support Services

Planning

Finance

Marketing & Communications

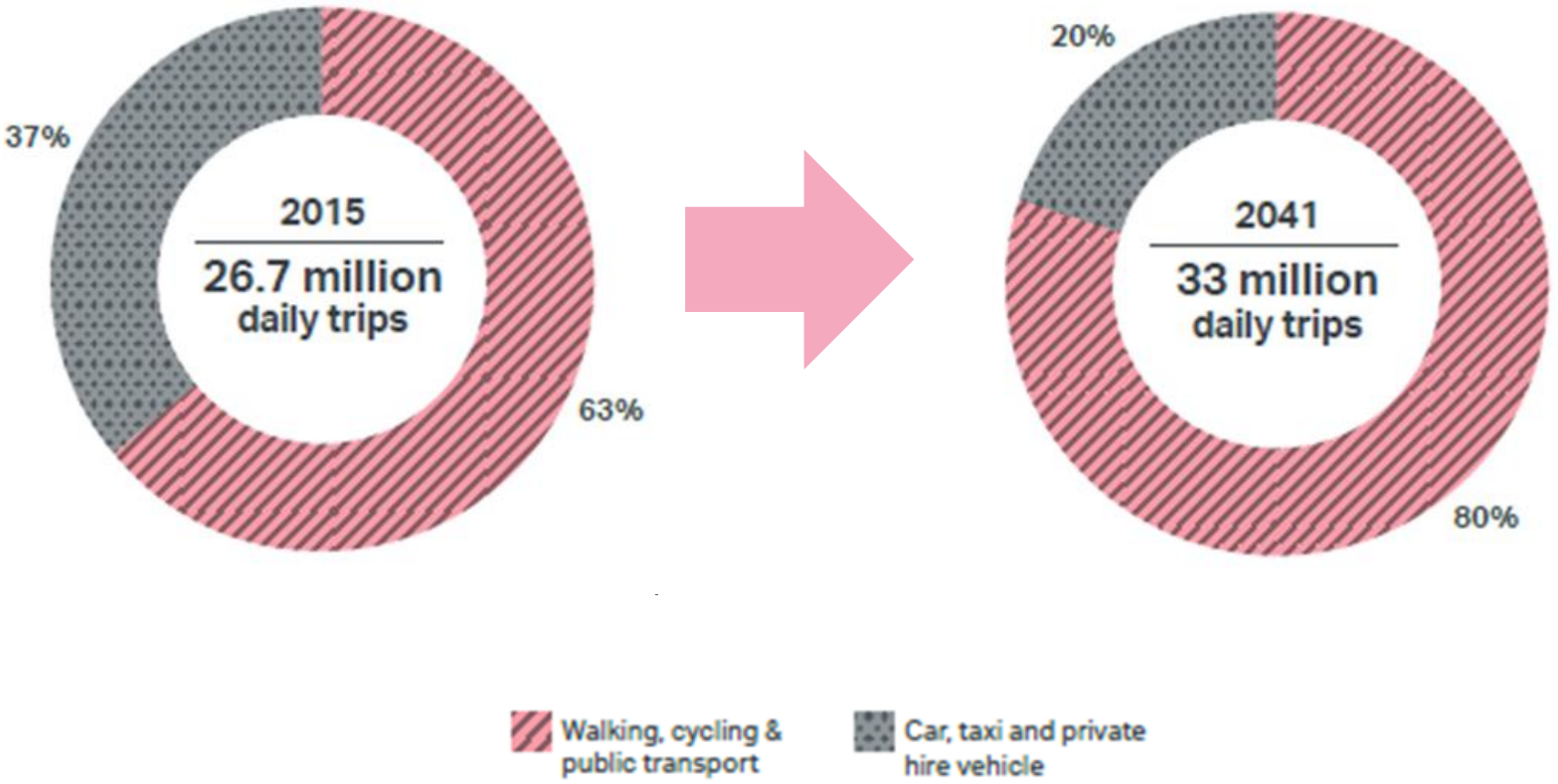
General Counsel (Legal)

The Mayor's Transport Strategy

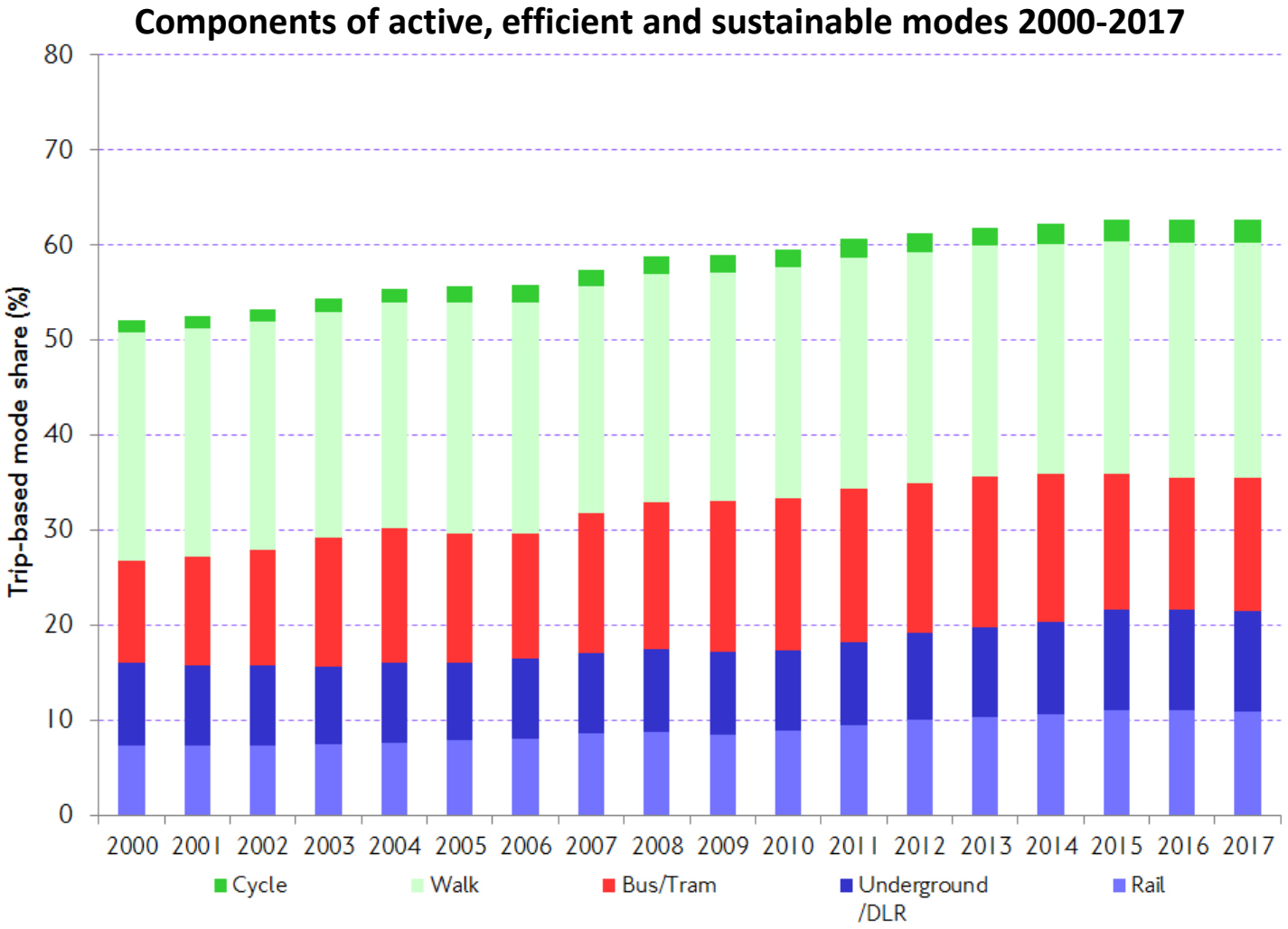
- Sets out the strategy for London's transport to 2041
- Three key themes are at the heart of the strategy.

1. **Healthy Streets and healthy people**
2. **A good public transport experience**
3. **New homes and jobs**

The aim is for 80% of all trips in London to be on foot, by cycle or using public transport by 2041



The share of these modes has increased steadily in recent years



Source: Travel in London Report 11, tfl.gov.uk

Healthy Streets and healthy people

20 minutes of active travel by 2041

Vision zero for road danger by 2041

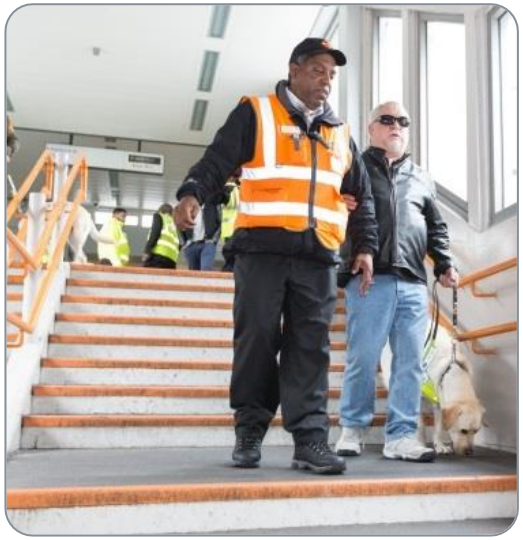
Making more efficient use of the street network

Zero emission by 2050

3 million less daily car trips by 2041

A good public transport experience

London suburban metro by the late 2020s



Improve accessibility - halve additional journey time by 2041

Crowding on rail and Underground will reduce by around 10-20 per cent

Bus speeds will improve by 10-15 per cent London-wide

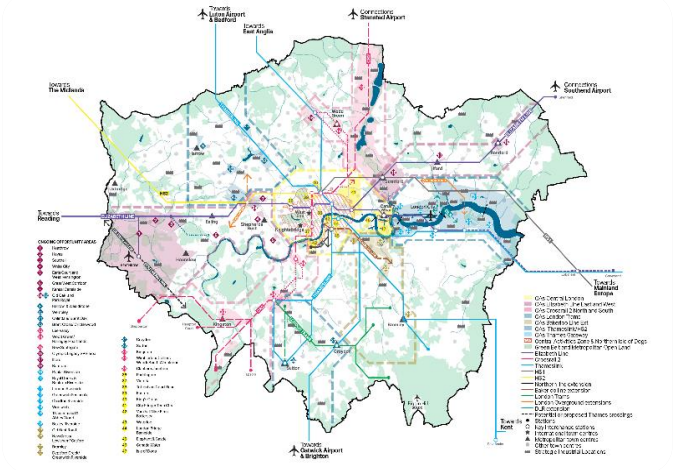
The Thames will be used more for passengers and freight

New homes and jobs

Crossrail 2 will unlock 200,000 new homes, 200,000 new jobs and increase London's GVA by £150 billion

High density-mixed use places

In well connected locations



The strategy requires capital investment of £3.3 billion / year on average

Existing sources:

- Fares and 'user pays' sources for example congestion charging
- Borough contributions (Freedom pass for older people)
- Business Rate Retention
- Non fares e.g. advertising
- Developer funding (e.g. Community Infrastructure Levy)
- Prudential borrowing

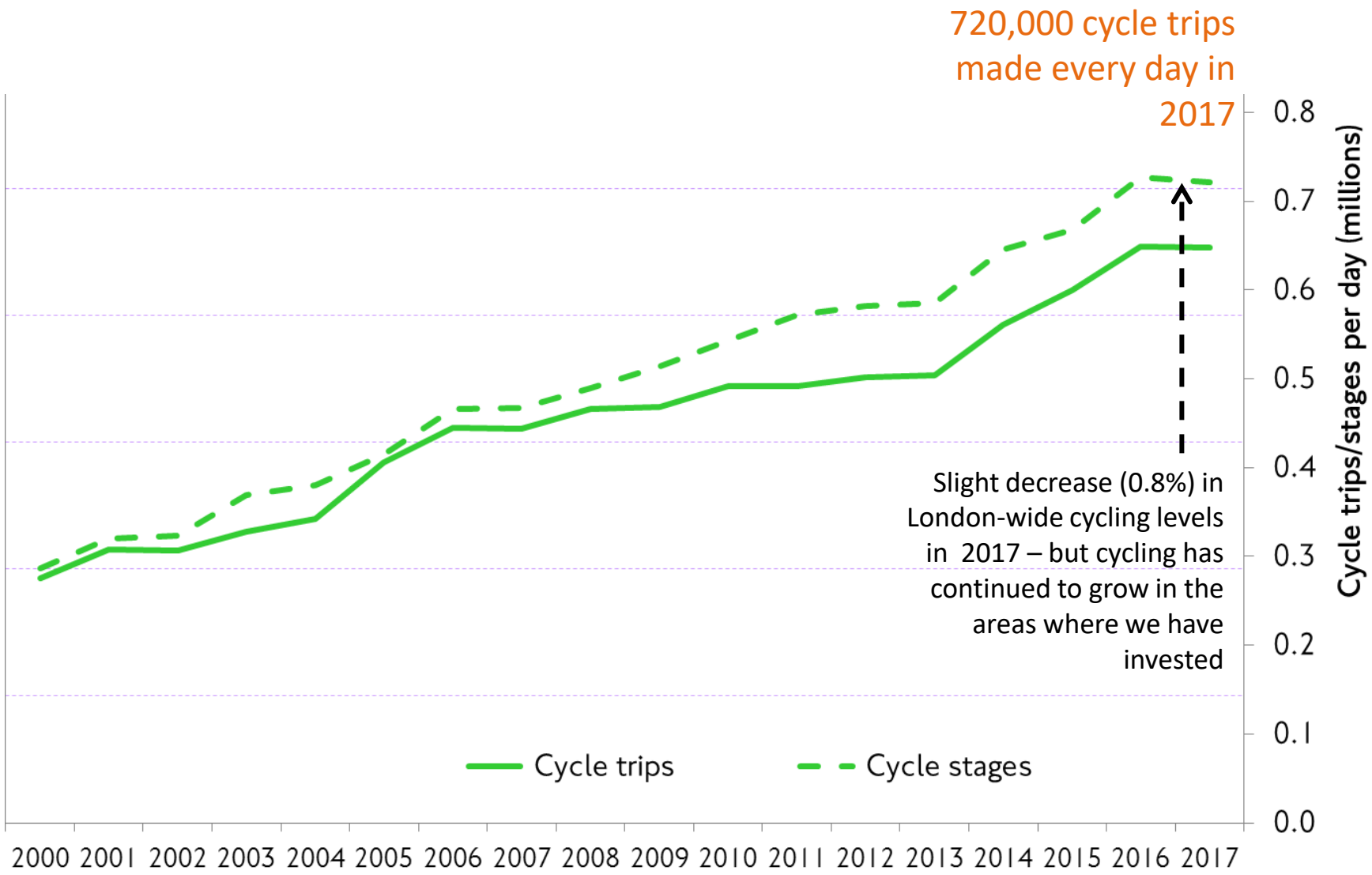
Potential additional sources:

- Land value capture
- Devolution from national Government of:

  Property taxes

  Business rates
- Changes in the way roads are paid for

The growth of cycling in London



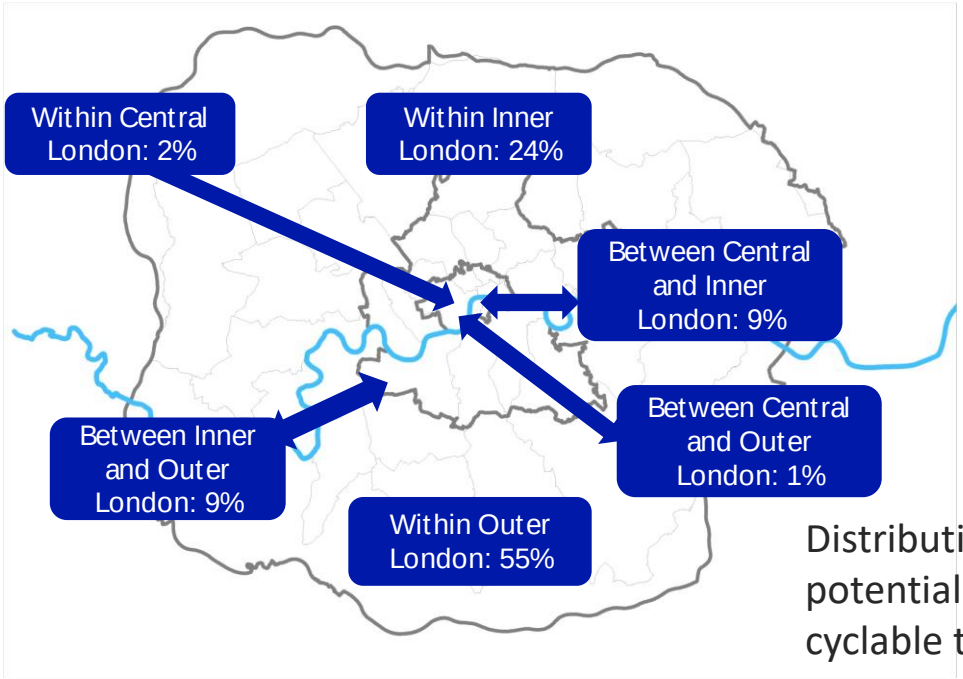
Cycling Potential

20 million journeys are made by Londoners every day. Over 8 million of these journeys are currently made by motorised modes, but could potentially be cycled all the way.

Real health and transport benefits can be achieved by shifting more of these journeys to active travel.

The greatest potential for new cycling trips is within Inner and Outer London.

We need to support current demand, plus these new potential trips.

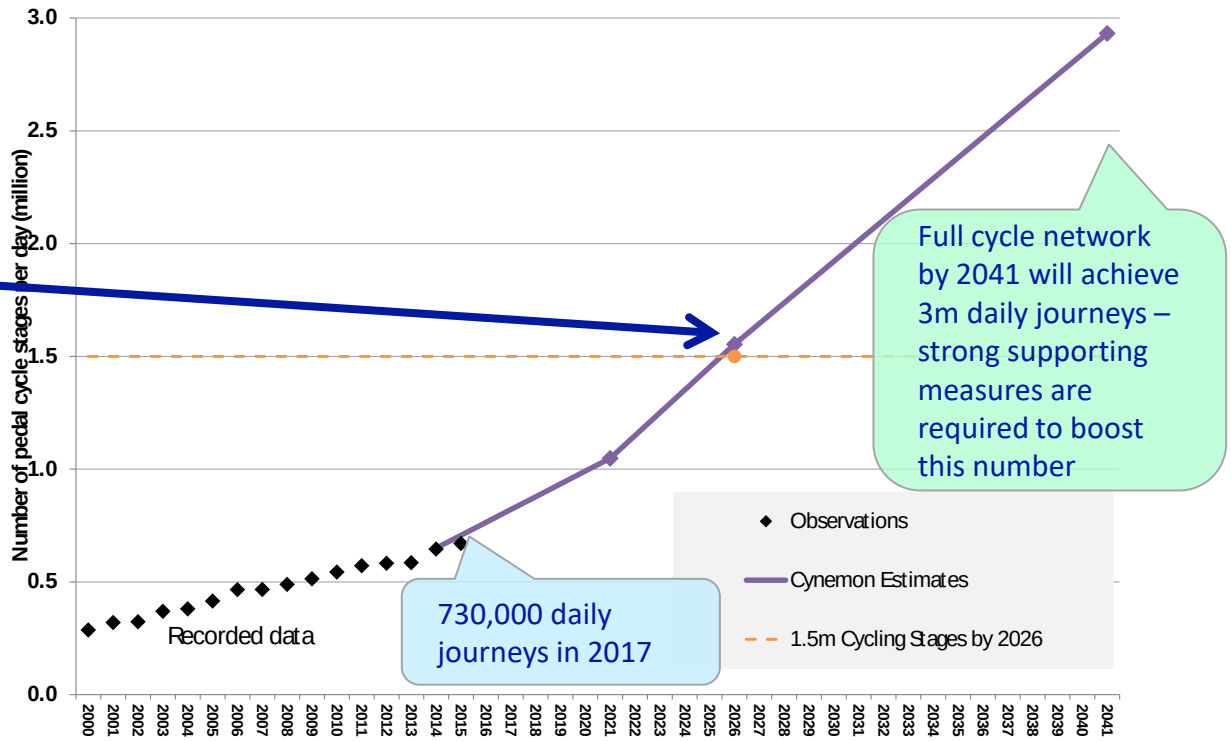


Distribution of potentially cyclable trips

The role of the Cycling Action Plan

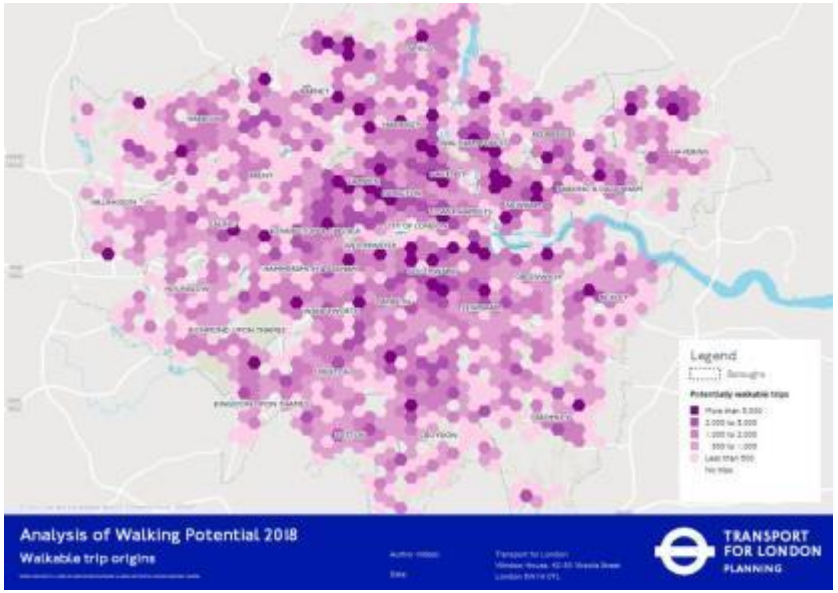
- New Action Plan, launched by the Mayor
- Sets out the scale of ambition for cycling in London
- Describes the five-year investment programme
- Collaborative approach to delivering actions, by TfL, boroughs and other partners

The actions in the Cycling Delivery Plan are projected to achieve an estimated 1.25m cycle journeys per day by 2023



Planning and designing for walking

Strategic walking analysis



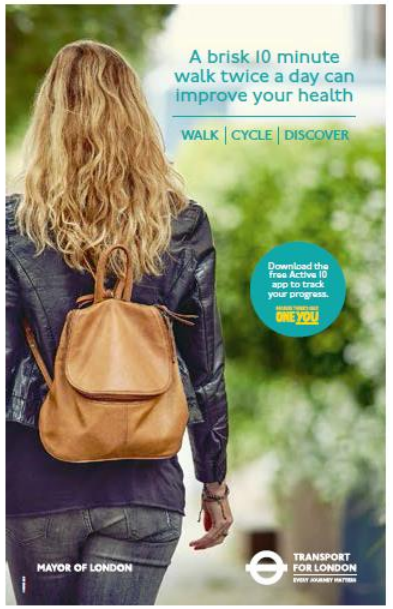
Walking design guidance

Leading a culture change

Car-free events

Enabling low-cost, temporary interventions

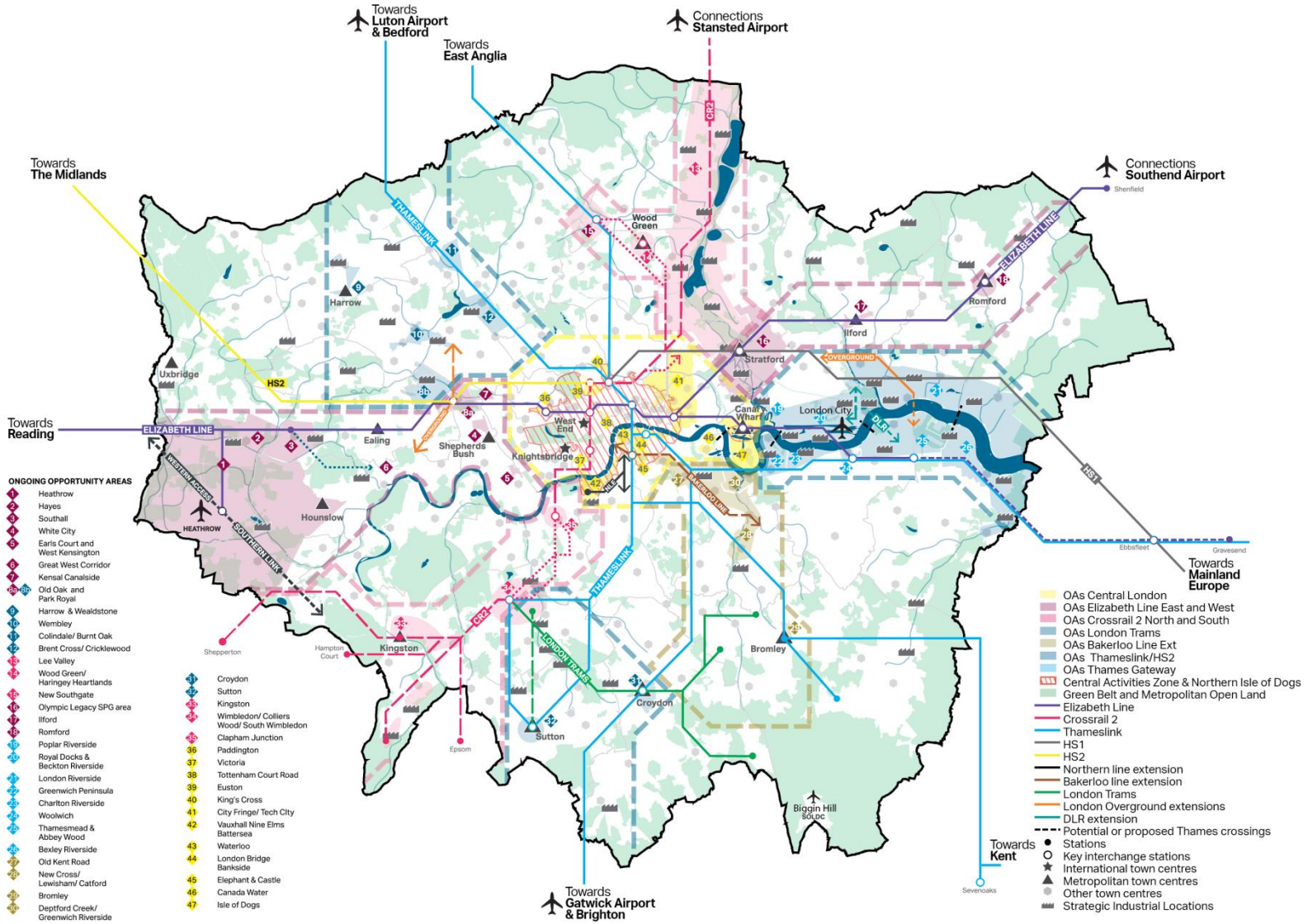
Active travel campaign



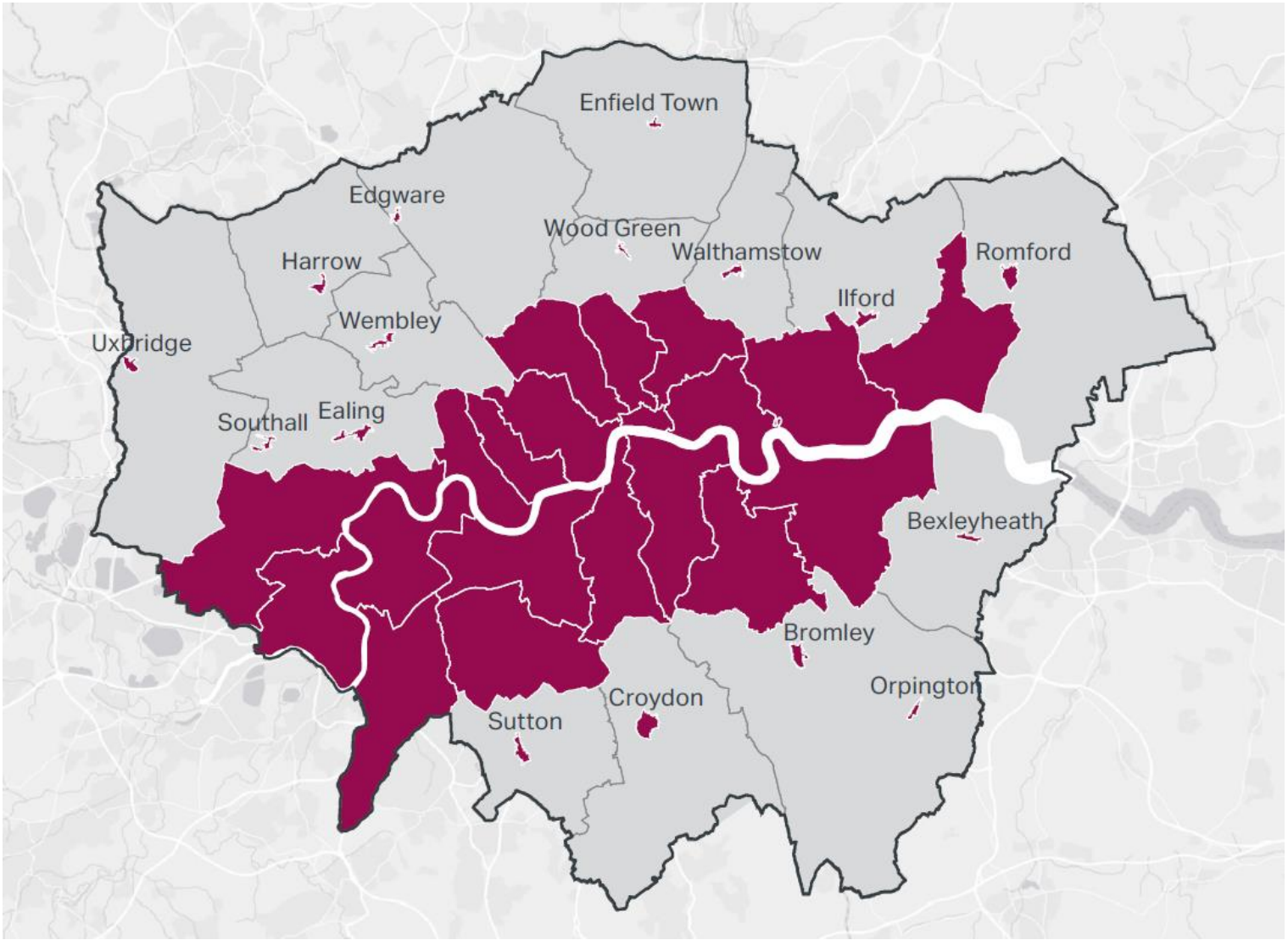
What is the London Plan?

- The Mayor's spatial development strategy for London
- Statutory document that sets a framework for new development in London over 20–25 years
- Offers three main things:
  - Strategic direction for development in London
  - Direction to Boroughs in Local Plan preparation
  - Direction for individual planning decisions
- It allows us to embed the vision of the MTS and further any strategic thinking to influence new development in London

The draft London Plan steers new development towards transport corridors...



It also looks to increase cycle parking and restrict car parking

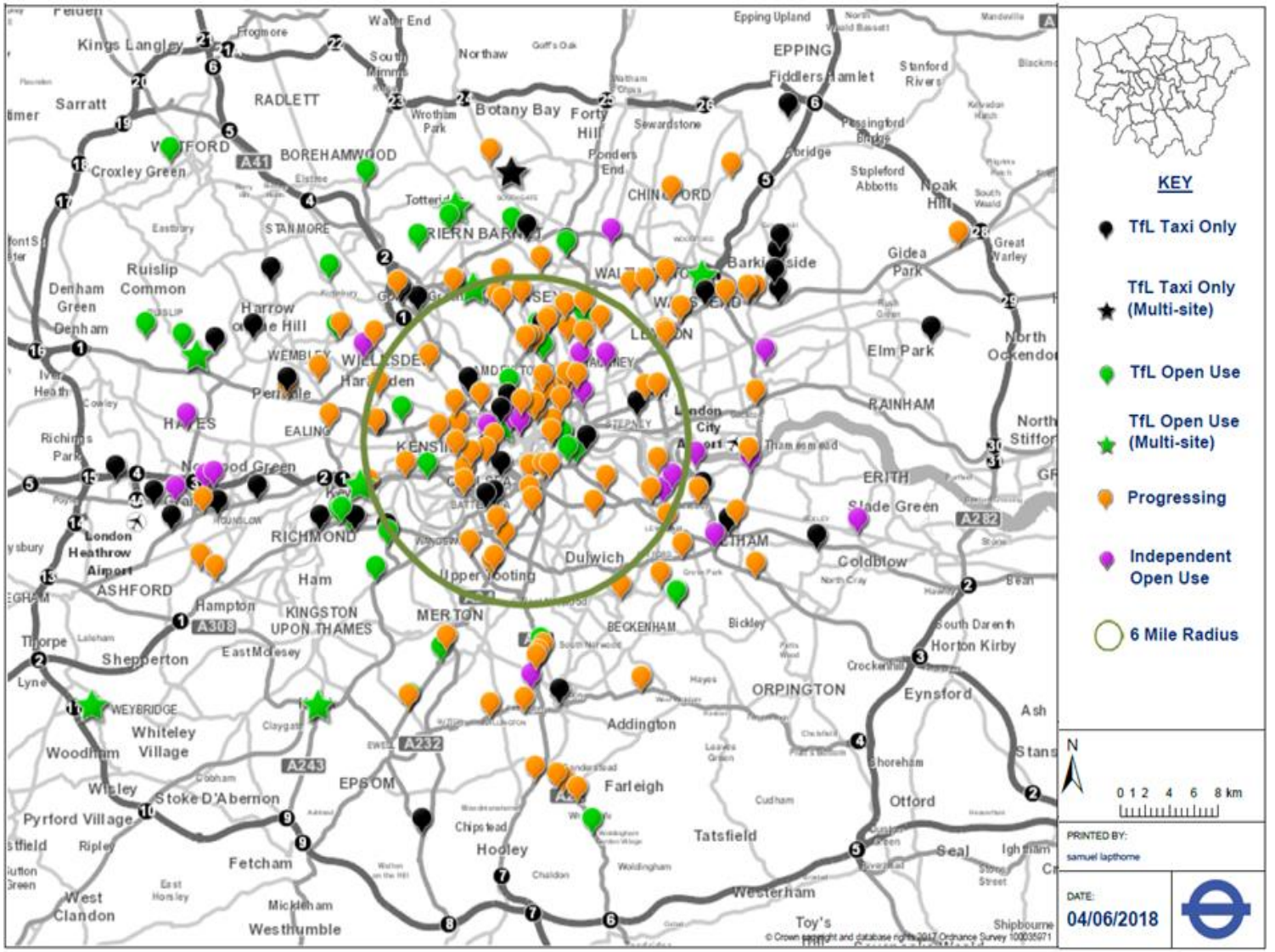


Moving towards zero emission road transport

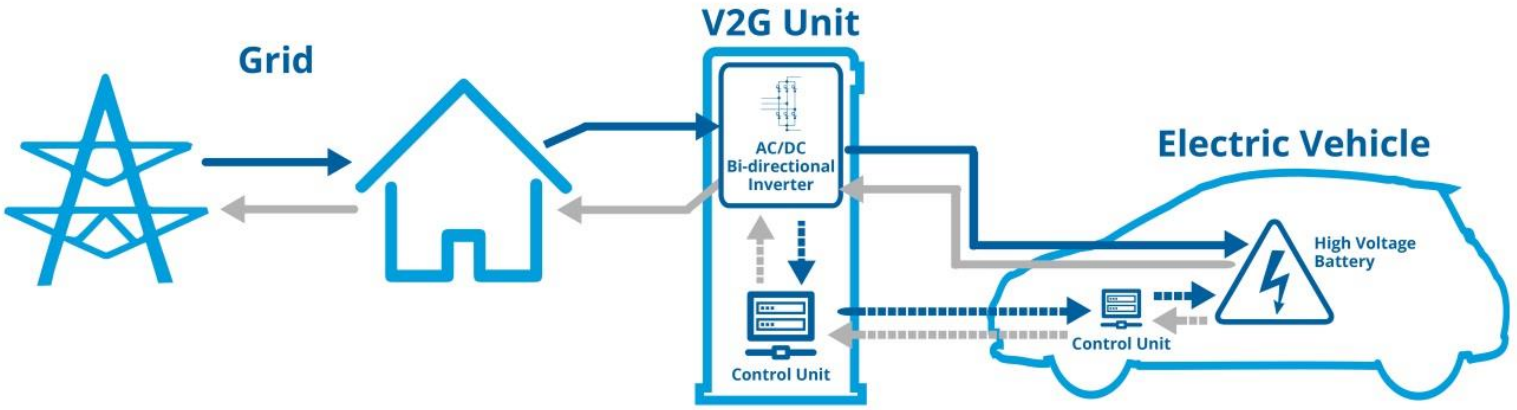
Key targets:

- TfL rail services powered by zero carbon energy by 2030
- TfL Buses fully zero emission by 2037
- All taxis and private hire vehicles to be zero emission capable by 2033 at the latest
- Ultra Low Emission Vehicles across the GLA group fleets
- All road vehicles in London zero emission by 2050 at the latest

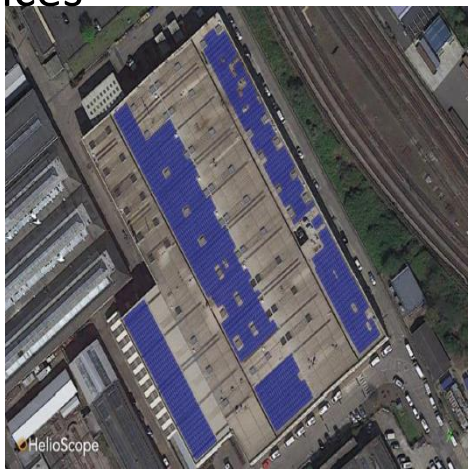
Installing a London-wide network of rapid charge points



Exploring how electric vehicles will fit into a smart energy system



Linking electric vehicles with solar, energy storage, grid services



Using London Underground's power network for EV charging

Thank you

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