

Connected, We're Better

Laura Alexander-Webber, Transport for London




Agenda



Why data?

GeoPlace Conference 2023

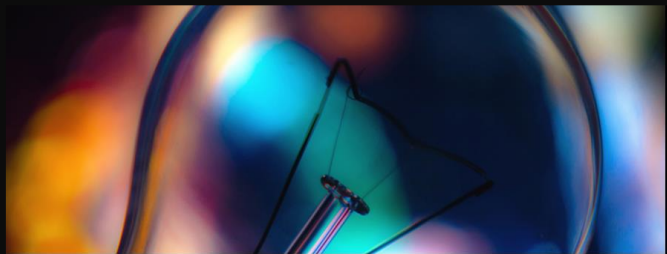
10/05/2023



Expansion of capabilities

GeoPlace Conference 2023

10/05/2023



Unlocking potential

GeoPlace Conference 2023

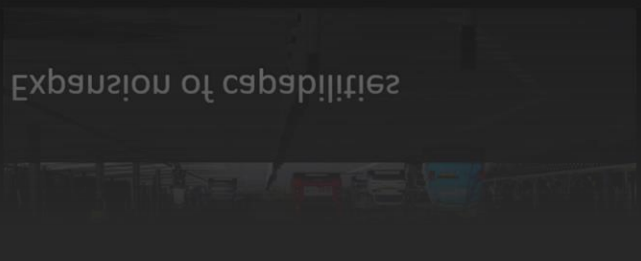
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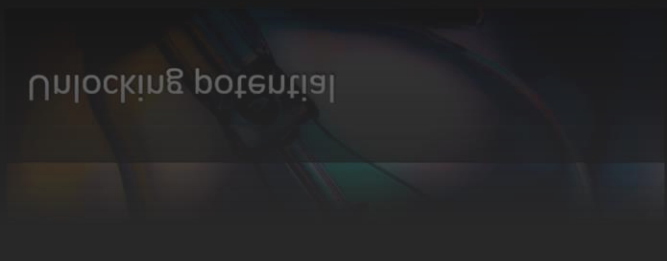
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Expansion of capabilities

GeoPlace Conference 2023

10/05/2023



Unlocking potential

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10/05/2023

Why data?

It was 1998....



1.4 million

USRNs in England and
Wales

2.5 quintillion

Bytes of data
collected each day



5 billion

Internet searches
each day



15 million

Monthly users of
Google Maps



4





Roads & data create connections



Expansion of capabilities



Network
Operating
Strategy



TfL
Lane Rental
Scheme



Road
to
Net Zero



TfL Lane Rental Scheme

- Multiple datasets analysed
- Sensitive times & locations
- Incentivise change in behaviours



Network Operating Strategy

- Management of complex networks
- Multi authority collaboration framework
- Data & innovation to keep cities moving

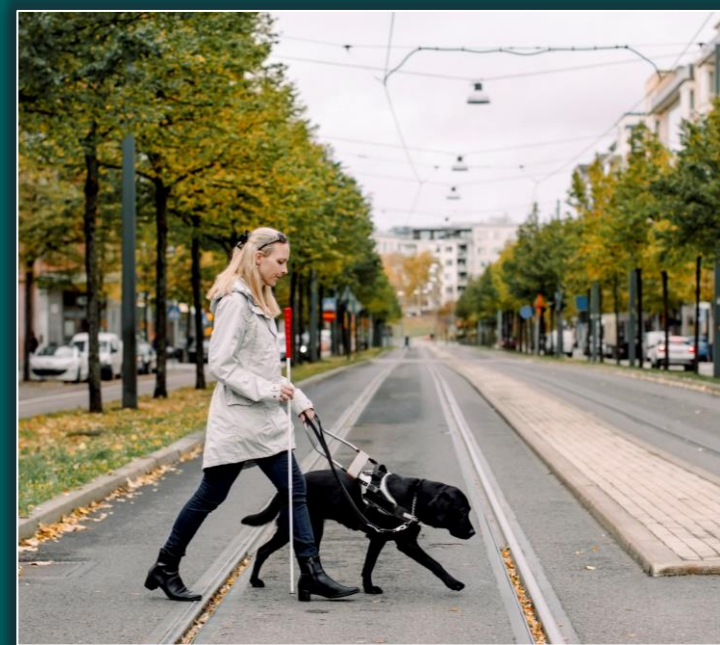
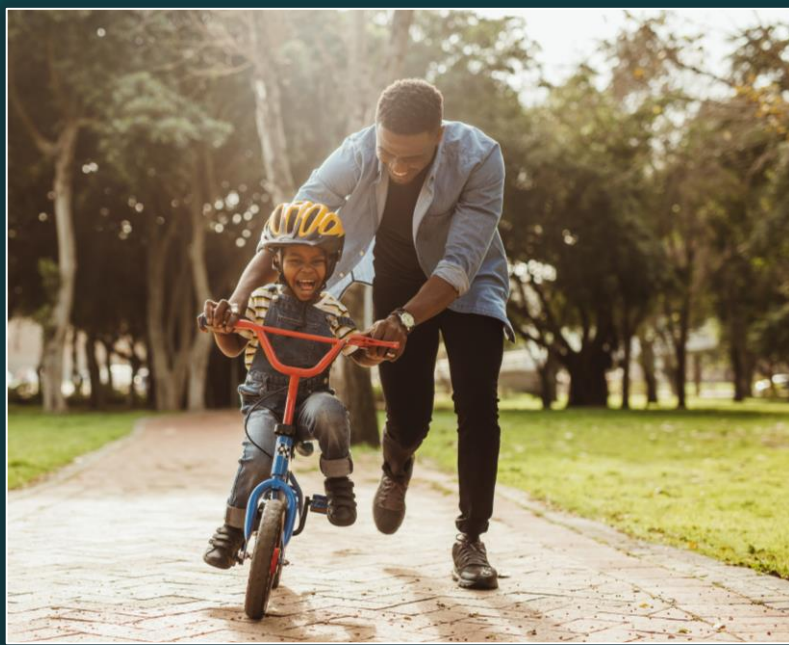
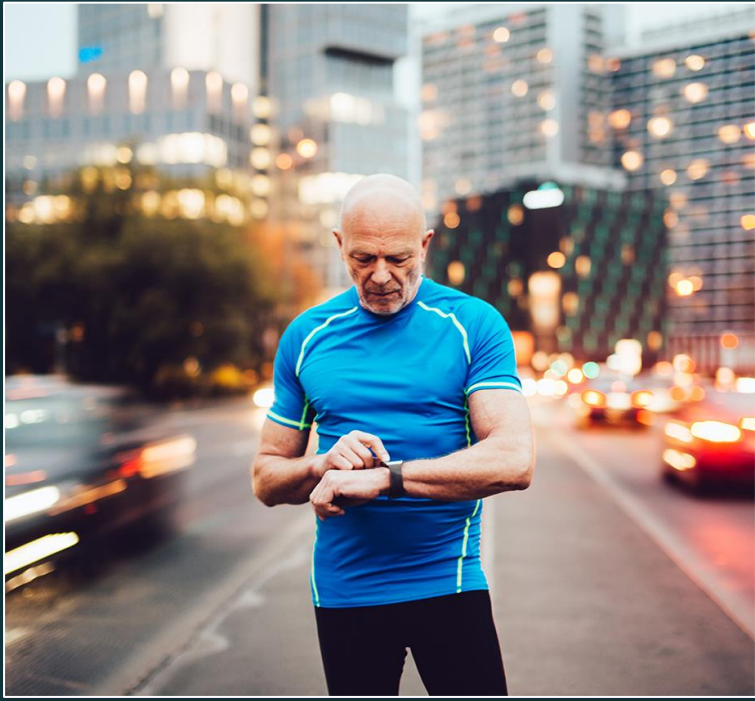


Road to Net Zero

- Sector wide collaboration
- Design phase:
 - Emissions
 - Carbon Calculator
 - Consequences
 - Economic study

A close-up, low-angle shot of a glowing lightbulb. The bulb is the central focus, with its filament and base visible. The background is a vibrant, iridescent wash of colors, including deep blues, bright yellows, and soft pinks, creating a dreamlike atmosphere. The light from the bulb illuminates the surrounding colors.

Unlocking potential



We don't know exactly what the future holds
but one thing is certain, connected we're
better.

Thank you.



TRANSPORT
FOR LONDON