

CRP CONVERSATIONS
IMPROVING AIR QUALITY
BY ENHANCING RIVER &
RAIL



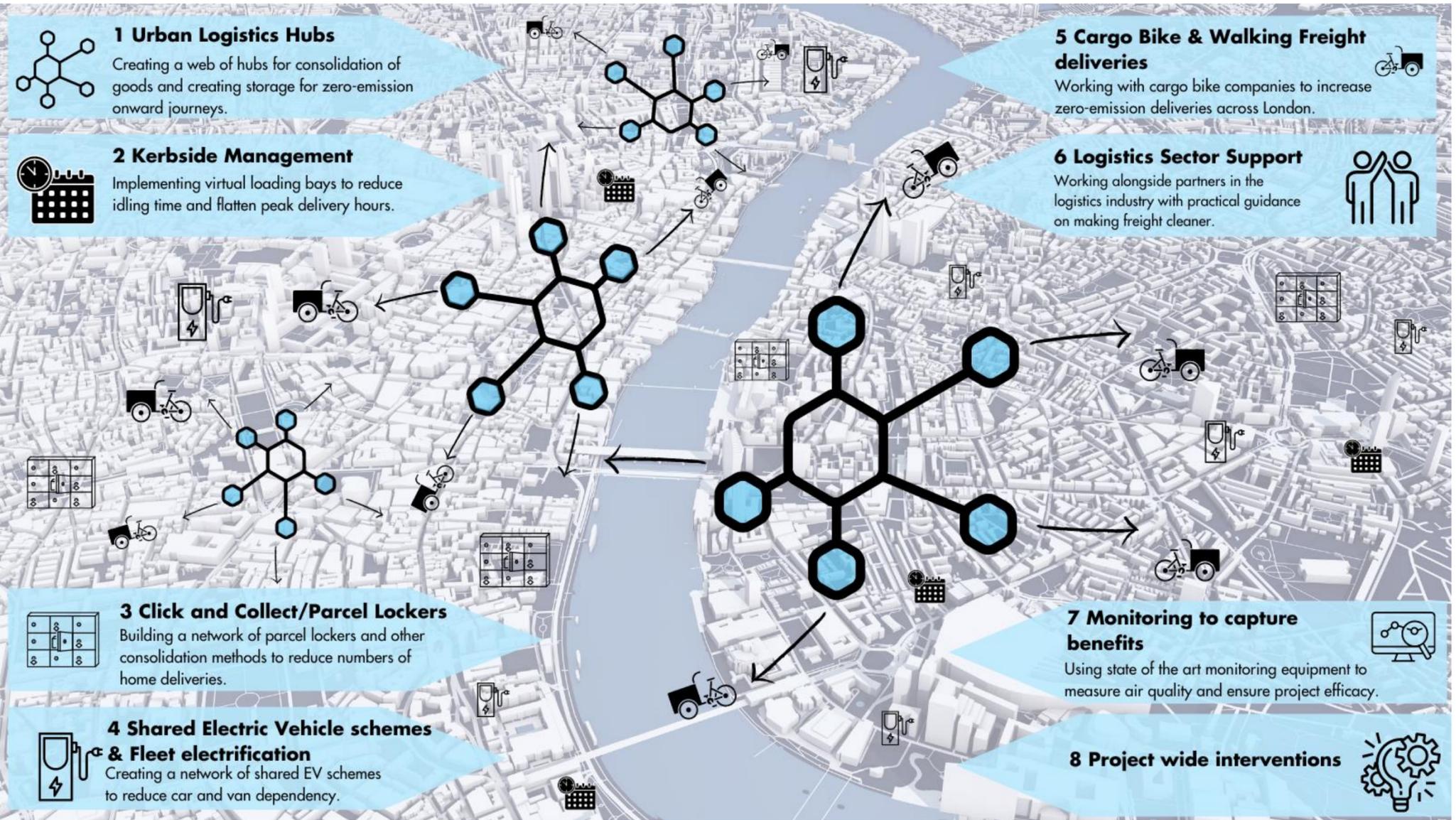
Agenda

- 4pm – Ross Phillips, Sustainable Transport Manager at Cross River Partnership: Introduction to Cross River Partnership
- 4:05pm – Peter, Lord Hendy of Richmond Hill, Chair of Network Rail: Waterloo Freight Hub
- 4:10pm – Sefinat Otaru, Project Manager at Cross River Partnership: Express Rail Freight and Potential Impacts at Waterloo and across London
- 4:20pm – Panel Discussion: How can river and rail solve air quality in London, alongside other zero emission delivery methods?





Smarter Greener Logistics



Smarter Greener Logistics (SGL) is a Defra-funded project led by Westminster City Council in collaboration with 26 project partners. The project aims to minimise the impact of freight on noise, air quality, traffic and pavement space in London by making improvements across 15 London boroughs and four London Business Improvement Districts (BIDs).

SGL forms part of CRP’s wider activities to encourage sustainable logistics across London. This includes the development of rail freight and walking freight initiatives, helping to improve London’s air quality and supporting CRP’s vision to make London a better place to live, work and visit.

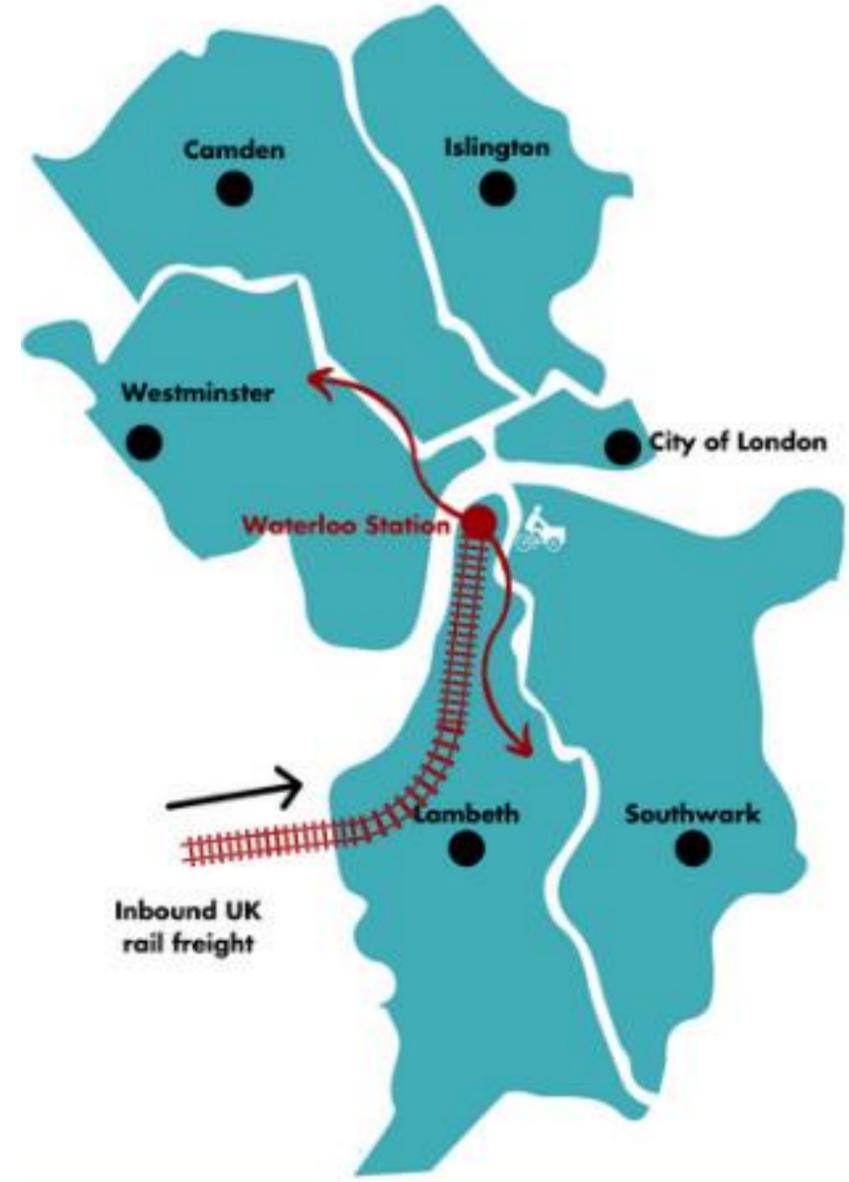


Waterloo Freight Hub

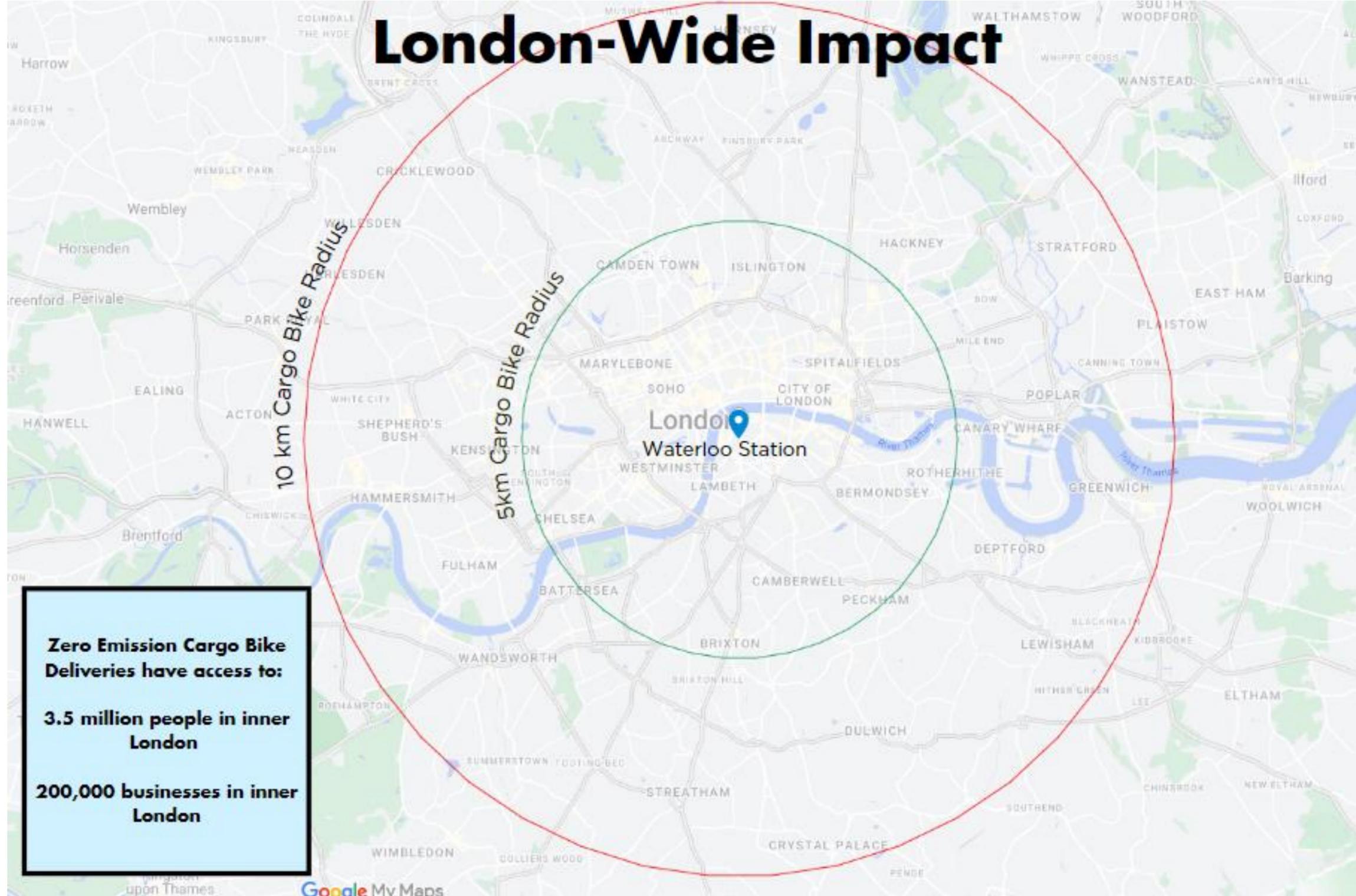
On track for sustainable logistics: Integrating Rail Freight into London's deliveries



Client: Cross River Partnership
Our ref: 24288601
March 2023 – Full Report



London-Wide Impact



Peter, Lord Hendy of Richmond Hill
Chair, Network Rail - [Video](#)



Sefinat Otaru

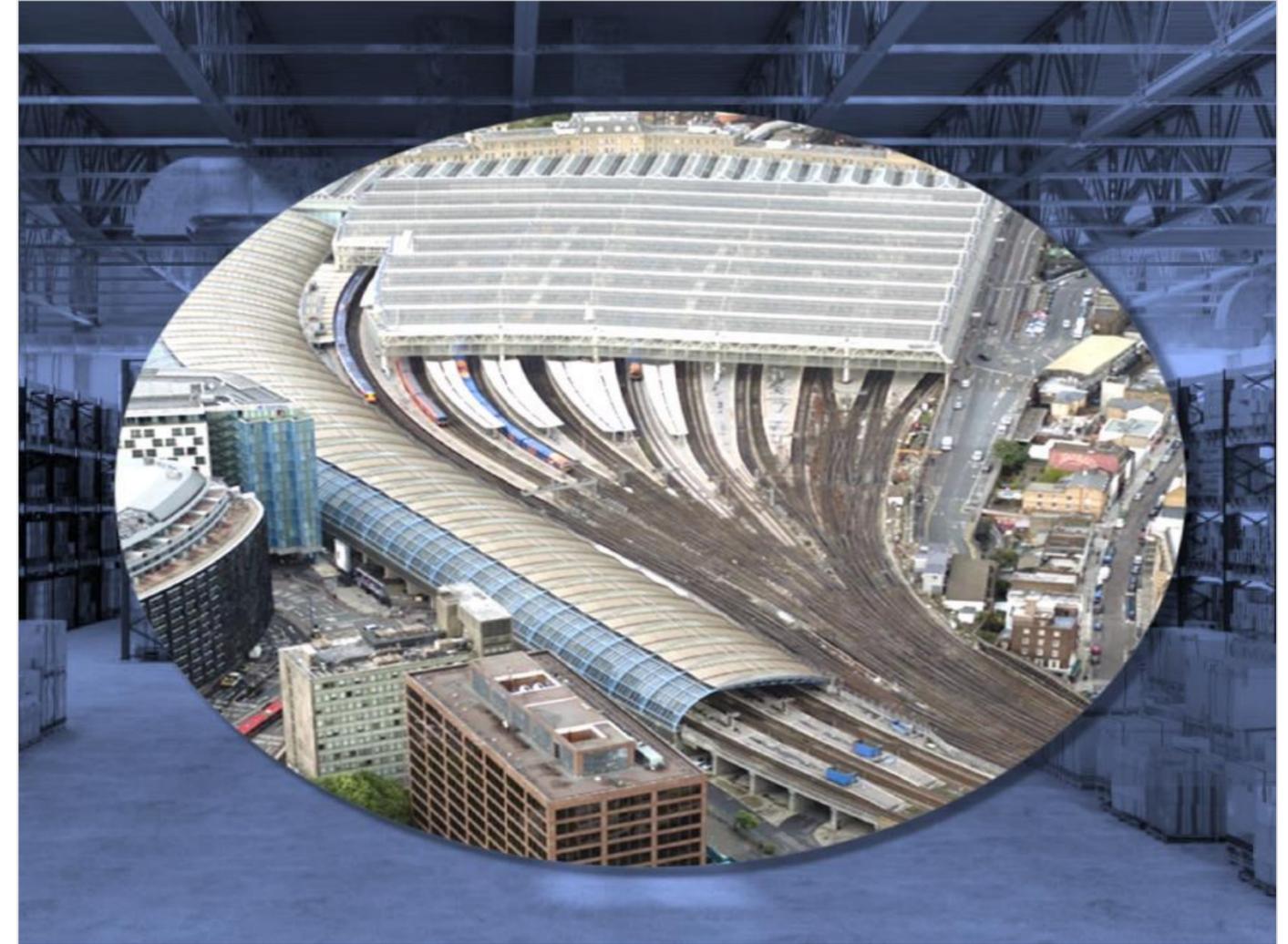
Project Manager, Cross River Partnership



Waterloo Hub Reports



Expert Freight Market Analysis, Steer

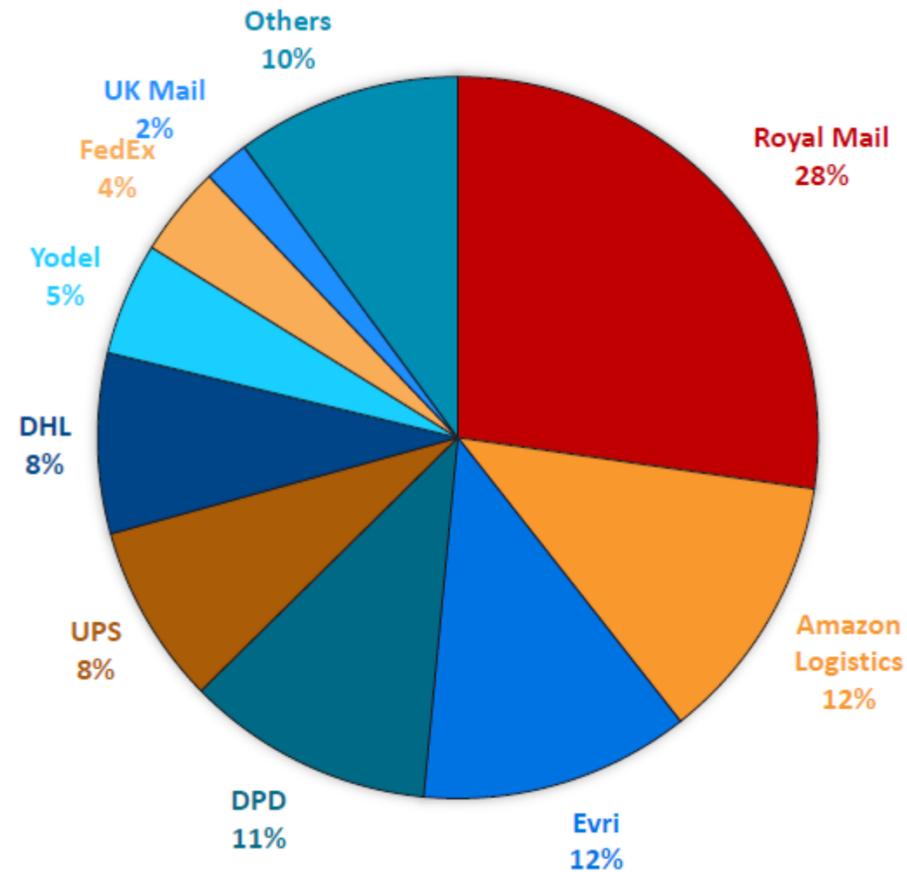


Waterloo Freight Hub Impact Study, Intermodality

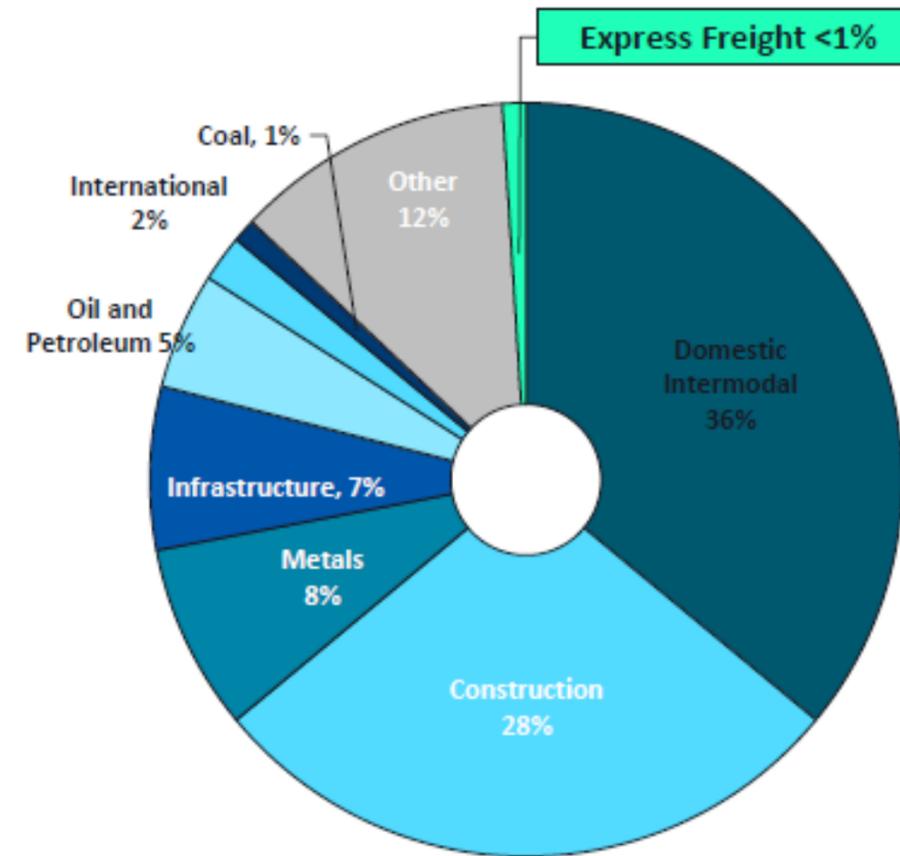


Waterloo Hub Reports – Express Freight Market Analysis

- Courier, Express and Parcel (CEP) freight and logistics market
- Rail freight and logistics market

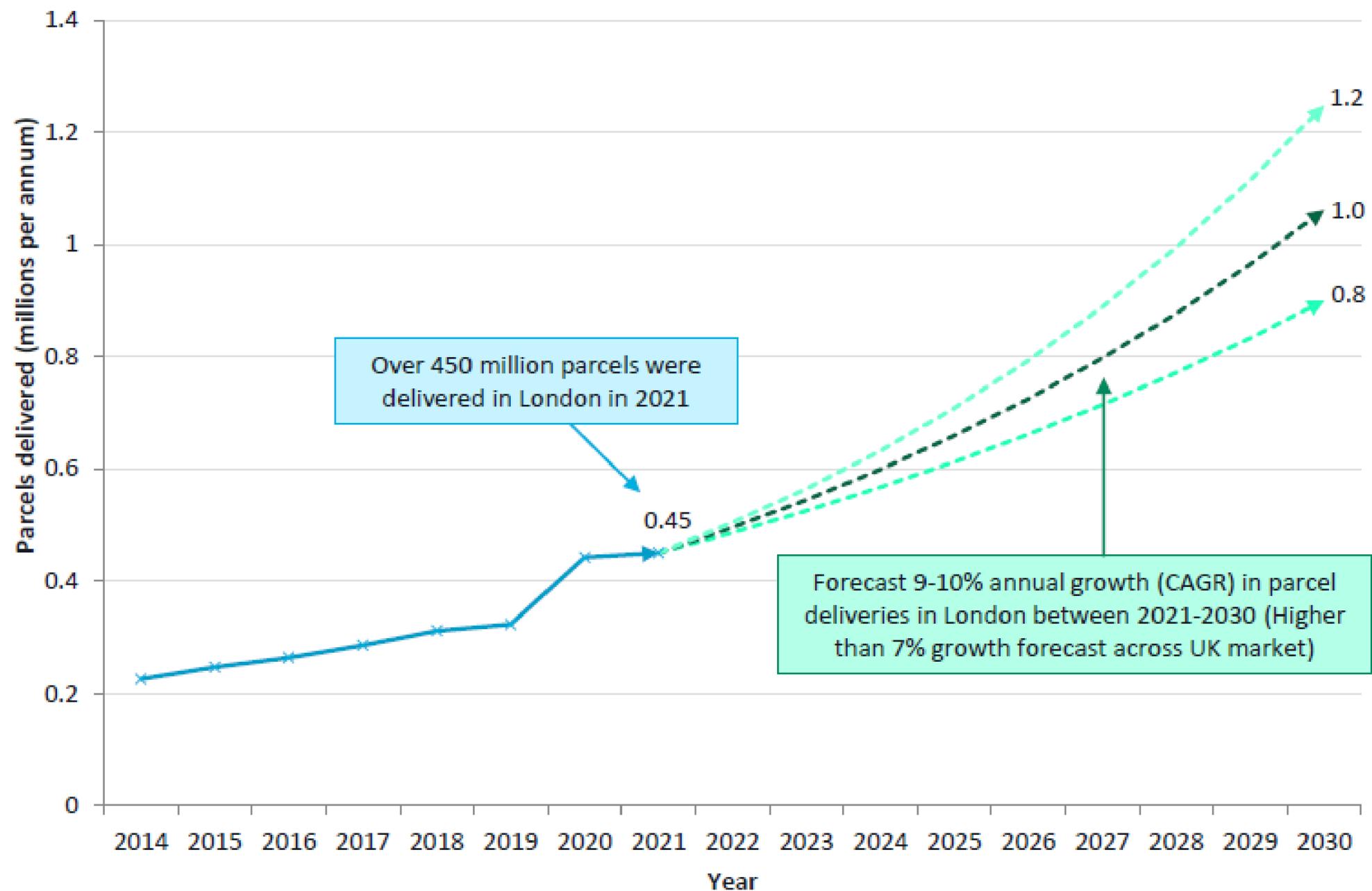


Leading UK courier service providers (GBRTT, 2021)



Freight moved by commodity (Office of Rail & Road, 2022)





By 2030, the London CEP market is expected to deliver over 1 billion parcels per annum. The rate of growth in the CEP market is projected to be faster than the rest of the UK, with London making up over 15% of the CEP by 2030.

- Forecast 8% CAGR growth
- Forecast 10% CAGR growth
- Forecast 12% CAGR growth
- Actual Growth between 2014-2021



Waterloo Hub Reports – Express Freight Market Analysis

Case Study 1:

- Midlands to London CEP road and rail-based operation

Case Study 2:

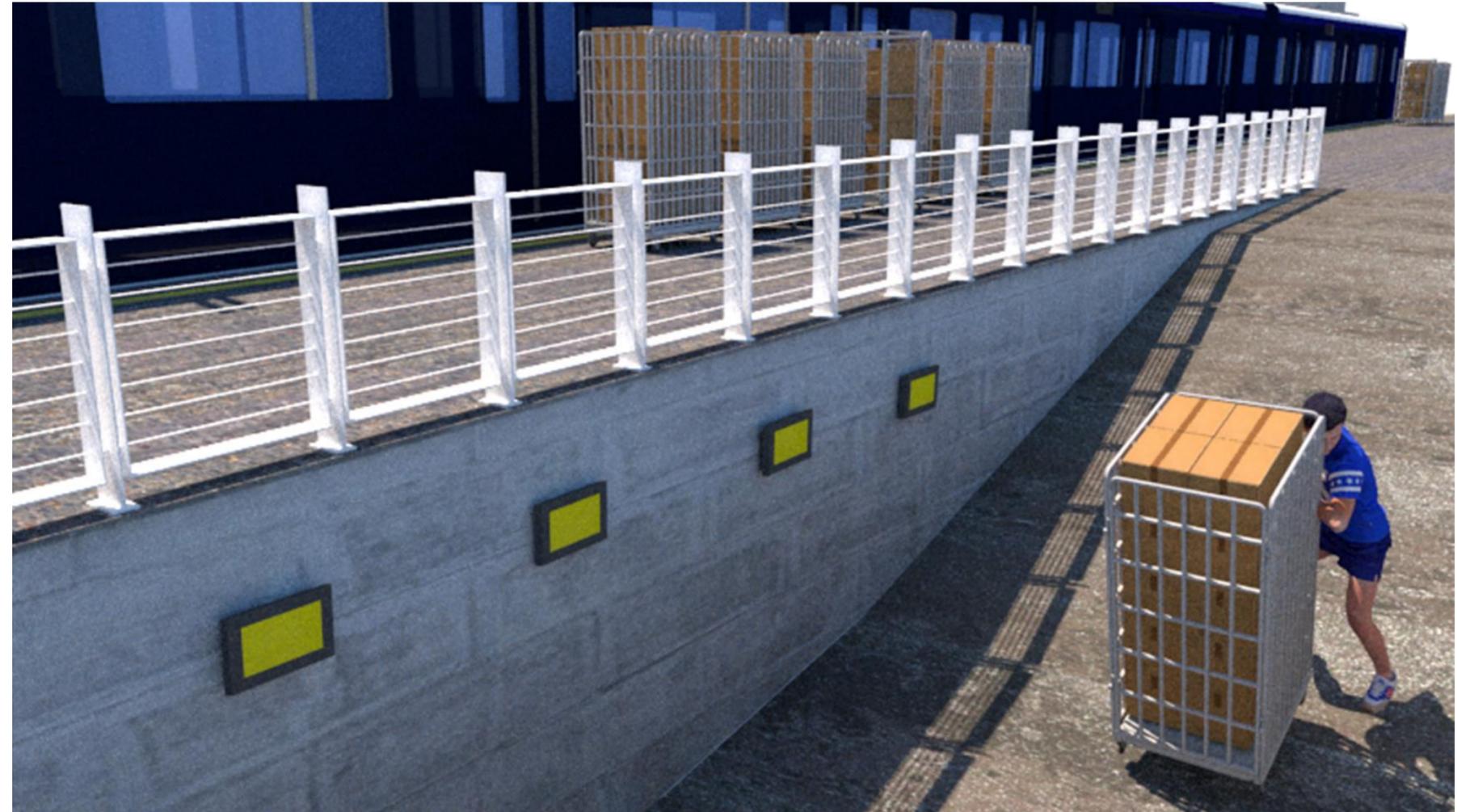
- Solent to London CEP road and rail-based operation



Waterloo Hub Reports – Express Freight Market Analysis

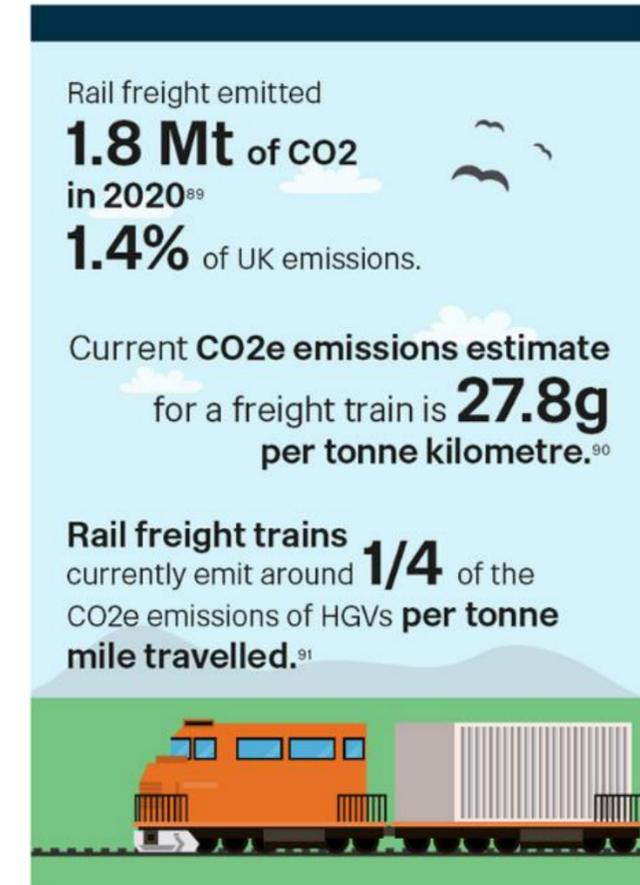
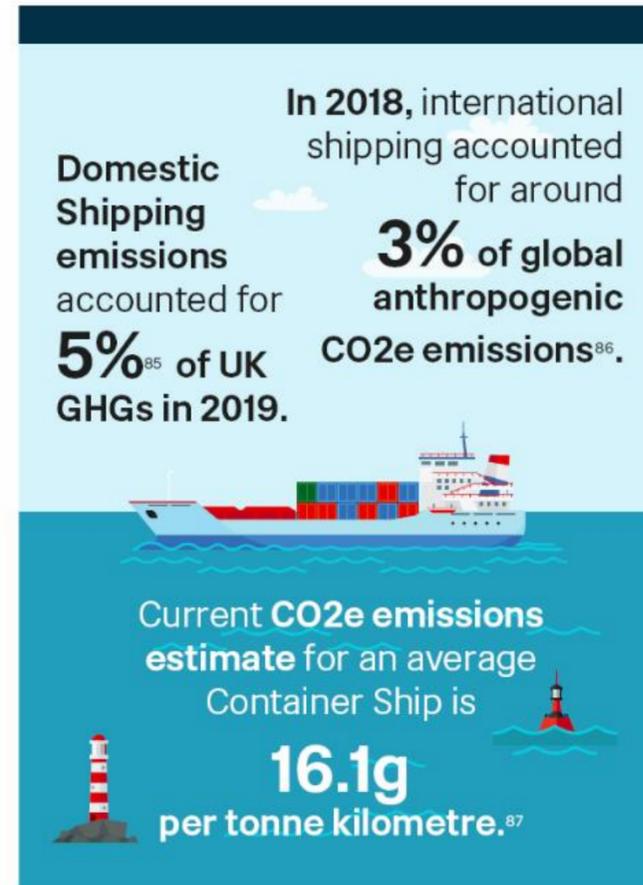
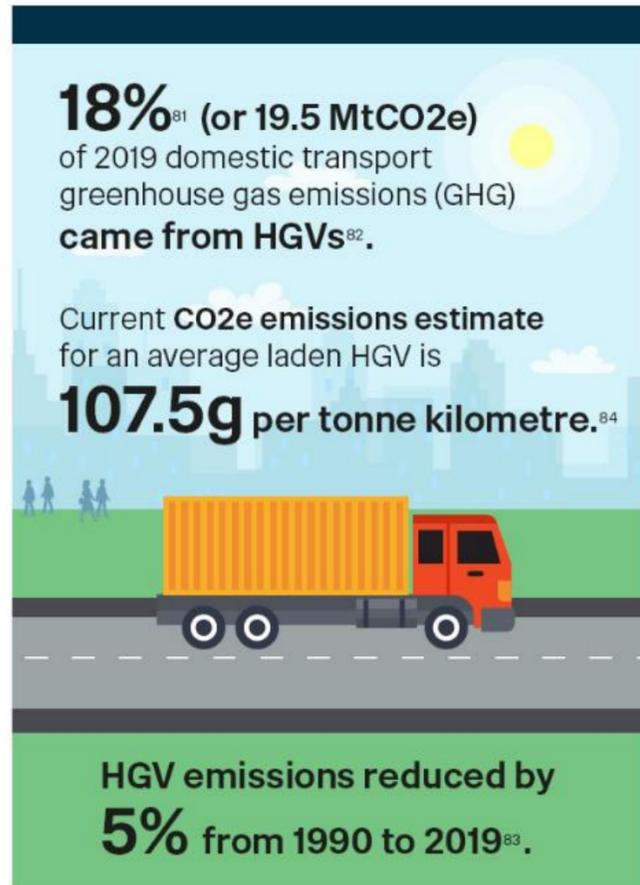
Recommendations

- Exploring rolling stock solutions
- Getting the commercial details
- Considering procurements and implementation requirements



Waterloo Hub Reports – Freight Hub Impact Study

- Context
- Case studies
- Looking at London
- Looking at Waterloo
- Scenario testing
- Next steps



Freight transport and emissions (Department for Transport)



Waterloo Hub Reports – Freight Hub Impact Study



Road –based
retailer food
supply chain



Trainload Express
Freight



consolidation
with last-mile
LEVs



Rail transport
and cargobikes



Cargo bikes

← Baseline – Challenges / Trials & Modelling – Outcomes – Opportunities →



Waterloo Hub Reports – Freight Hub Impact Study

165 new, local, “green jobs” created

Nearly 2,500 tonnes of carbon dioxide saved from London’s air per annum

£44 million in turnover for local businesses per annum

£1.4 million in environmental, social and economic benefits from using rail freight

Waterloo Station

Source: Christina Hsu, Research Gate



Waterloo Hub Reports – Express Freight Market Analysis



Panel Discussion: How can river and rail solve air quality in London, alongside other zero emission delivery methods?

Sefinat Otaru

Project Manager, Cross River Partnership

Farah Asemi

Founder, ecofleet

Dan Fredriksson

Development Lead, Express Freight, Network Rail's Great British Railways Transitions Team

Nick Gallop

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Next CRP Conversations



This session will show how transport and equity is a multifaceted topic, with speakers from the Active Travel Academy, Centre for London, and Our Bike demonstrating how the academic sector, policy, and delivery all play an important role in making a fairer transport system.

[You can sign up here!](#)



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