**CRP Board Meeting** 

Thursday 9<sup>th</sup> March 10am – 11am

Virtual Meeting Microsoft Teams





# Today's Agenda

- 1. Introduction/Apologies
- 2. Declarations of Interest
- 3. Minutes
- 4. CRP Partner Updates
- 5. CRP Annual Report and Business Plan
- 6. Waterloo Opportunity
- 7. AOB/Next Meeting





# 1. Introduction/Apologies



### 2. Declarations of Interest



#### 3. Minutes

# **Decisions** from September 2022 CRP Board Meeting:

Partners happy with CRP pursuing presented future funding opportunities.

#### **Actions** from September 2022 CRP Board Meeting:

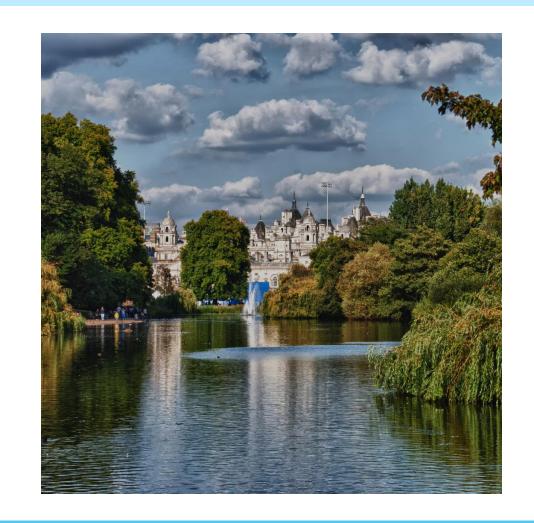
- Partners to get in touch if interested in speaking
   opportunities which are available for CRP's event series
   during the next calendar year.
- Partners to get in touch if any delivery help is needed from CRP for **UK Shared Prosperity Fund** borough allocations, via the Communities and Place strand.





#### 3. Minutes

For decision: Does the CRP Board approve the Minutes from the previous meeting?





# 4. CRP Partner Updates





# 4. Questions/Comments?





# 5. Annual Report and Business Plan



Presentation by Carol Quamina, CRP and Rachael Aldridge, CRP



#### Clean Air Logistics for London (CALL) – 2022/2023 Achievements

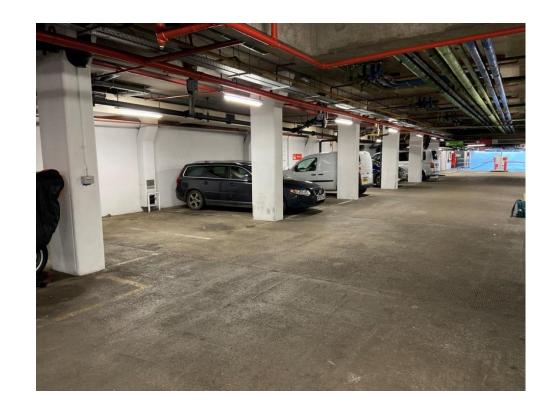
- Chelsea Harbour Sustainable Deliveries Hub
  - Cargo bike bays and associated floor markings have been installed with LB of Hammersmith & Fulham
  - Delivering London Parcel Locker due to be installed in March
- <u>Fitzrovia BID Walking Freight Trial</u>
  - UPS will be trialling their e-walker to carry out deliveries in the Fitzrovia BID area, utilising a storage in the Heal's building car park.
  - Permissions are being received from LB Camden, Met Police and DfT and a method statement is being finalised.
  - Looking to launch the trial in March.





#### Clean Air Logistics for London (CALL) – 2022/2023 Achievements

- Westminster City Council Micro Hub Trial
  - CRP & Westminster City Council have selected a courier who will operate from the micro logistics hub.
  - The hub will operate for 6 months, supported by Infinium Logistics.
  - The planned go live date will be in March.
  - The press release and further details will be shared publicly then.
  - The aim of this trial is to support zero-emission last-mile deliveries in the City of Westminster.
  - The hub will receive parcels from an electric delivery vehicle and then distribute them by electric cargo bikes in Westminster and the surrounding area.



#### Clean Air Freight (CAF) – 2022/2023 Achievements

#### **Brixton Micro Logistics Hub trial**

- Micro hub trial for 8 businesses in Brixton to have deliveries redirected off-site, before coming in consolidated journeys to Brixton
- Supplier agnostic any supplier or courier can deliver to the hub, if businesses redirect to the space
- Hub moved from SE1 to Battersea for 4 of the businesses in October 2022 to maximise environmental impact and avoid journeys coming into central London and congested areas
- Business engagement at external events,
   Brixton BID events, in-person, social media,
   email and phone









#### Clean Air Freight (CAF) – 2022/2023 Achievements

#### **Brixton Micro Logistics Hub trial**

- Battersea supporting hub concluded on 28<sup>th</sup> February 2023
- Business support extending to June 2023 for some businesses that are delivering to SE1
- Project evaluated independently by Momentum Transport Consultants (£20,000) to provide practical recommendations, analysis of impacts and understand of whether cost is scalable
- Report produced to show learnings of running project – Lived Experience of a Micro Hub
- Workstream Budget: £122,800
- Remaining budget to be spent: ~£40,000







#### Clean Air Freight (CAF) – 2022/2023 Achievements

IoUH Budget: £180,300. Remaining: ~£40,000

Impact on Urban-Health funded project that aims to reduce harmful emissions from freight coming into London, particularly in LB Southwark and LB Lambeth

- Rail Freight Feasibility Study
  - CRP commissioned Steer to assess the potential and feasibility of rail freight at stations in LB Lambeth and LB Southwark
  - Models identified as parcels-as-passengers or dedicated freight trains
  - Report released in March 2023
  - Next steps will aim to support the introduction of parcels-aspassenger and dedicated freight trains services into central London – more later





# 5. Clean Air Villages 4

#### Clean Air Villages 4 – 2022/2023 Achievements

The CAV4 project worked with 26 project partners to deliver ambitious Freight Solutions for a clean air business recovery from COVID-19.

#### The CRP team completed

- 288 121 meetings
- 15 online events
- 1 last-mile consolidation centre trial
- 1 river freight pilot
- 4 cargo bike schemes
- 21 EV switch dongles
- 3 freight feasibility studies
- 1 river monitoring study
- 15 case studies, toolkits and guidance documents
- 3 online tools
- 2 tools updated or expanded

CRP also presented about CAV4 at 21 external events.







# CRP's Consultancy Services





#### Street Use Data Analysis and Monitoring Services – 2022/2023 Achievements

- South Bank BID Vivacity reporting
  - Expansion of sensor network and data analysis in April 2022
  - Extension of 5 original sensors in July 2022
  - 9 quarterly reports showing motor vehicle, cyclist and footfall traffic submitted on time to South Bank BID
  - 36 reports delivered throughout 2022/2023
  - New data analysis services and comms assets developed and produced





#### **LB Lambeth Schools Walking Routes – 2022/2023 Achievements**

- Create clean air walking routes for 8
   LB Lambeth schools
  - Project ended February 2023
  - Supported LB Lambeth participation in GLA's School Superzones Scheme
  - Designed route alternatives to demonstrate the advantage of using sides streets and green spaces to reduce exposure to poor air quality
  - Produced maps and posters tailored to each school



A3 poster demonstrating difference in air quality avoiding main roads

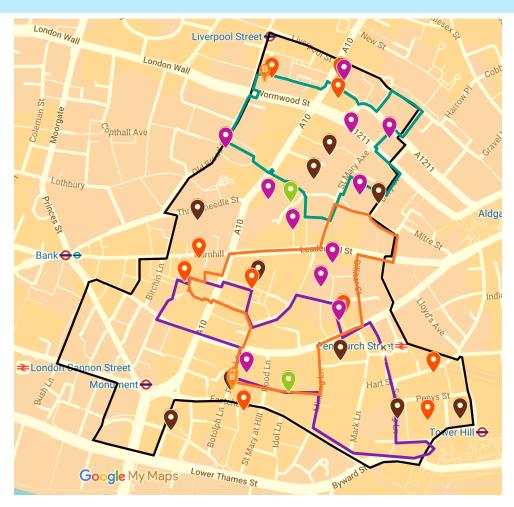


Front and back of A5 card demonstrating difference in air quality avoiding main roads



#### EC BID Walking Map – 2022/2023 Achievements

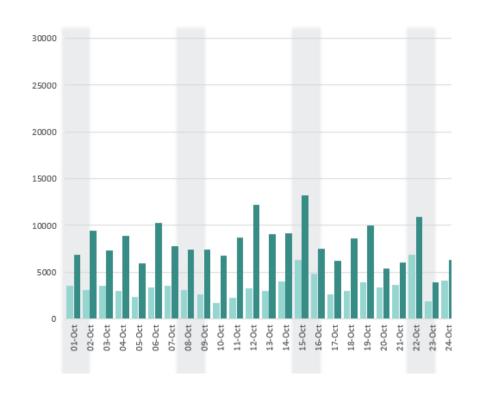
- Create walking map for EC BID
  - March 2023.
  - Map three walking routes within EC BID.
  - Design fold out walking map showing routes and places of interest, as well as emphasising active travel and well-being.
  - Maps designed to be visually accessible as well as highlight locations of steps and uneven streets.



Eastern Cluster Business Improvement District showing proposed routes

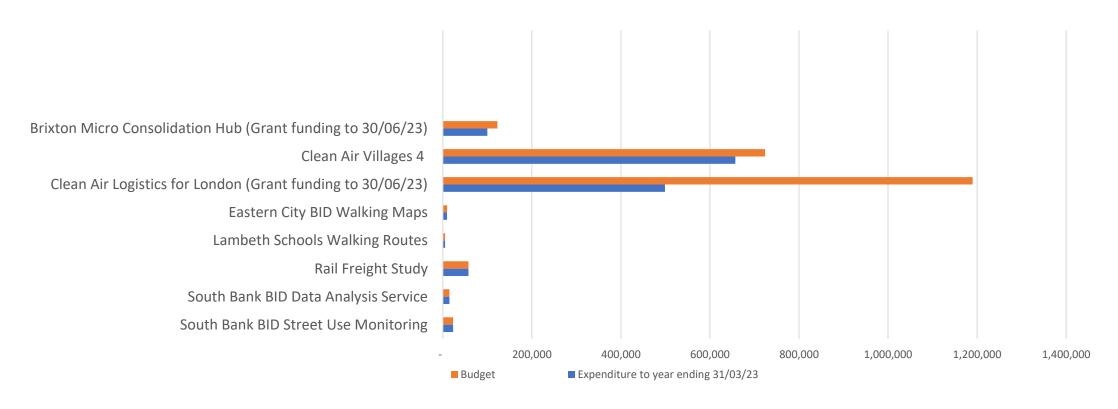


For action: CRP Partners to contact CRP Team if they would also like extra Mapping or Data Analysis services.





#### Expenditure for year ending 31/03/2023 -v- Budget





# 5. CRP Annual Report and Business Plan

	Annual	Annual Report 2022/2023			Business Plan 2023/2024		
Projects	Delivery Expenditure (£) 2022/23	CRP Delivery Expenditure (£) 2022/23	Total Delivery Expenditure (£) 2022/23	Delivery budget (£) 2023/24	CRP Delivery Budget (£) 2023/24	Total Budget income (£) 2023/24	
Brixton Logistics Trials	42,504	40,875	83,379	20,796	18,625	39,421	
Clean Air Logistics for London	357,192	233,139	590,331	424,631	97,976	522,607	
Clean Air Villages 4	476,464	180,677	657,141	-	-	-	
CRP Local Authority Members	-	50,000	50,000	-	100,000	100,000	
CRP Landowner Members	-	10,000	10,000	-	10,000	10,000	
CRP Private Sector Members	-	45,000	45,000	-	51,000	51,000	
EC BID Social Media Campaign	-	-	-	-	6,125	6,125	
EC BID Walking Maps	-	9,500	9,500	-	-	-	
Lambeth Schools Walking Routes	-	5,000	5,000	-	-	-	
Rail Freight Feasibility Study	50,000	7,500	57,500	-	-	-	
Street Use Data Analysis Consultancy Services	-	37,579	37,579	-	40,000	40,000	
Smarter Greener Logistics	-	-	-	280,825	363,762	644,587	
TOTAL	926,160	619,270	1,545,430	726,252	687,488	1,413,740	
Figs in italics TBC							



# 5. CRP Annual Report and Business Plan

#### CRP 2023/24 Membership Fees



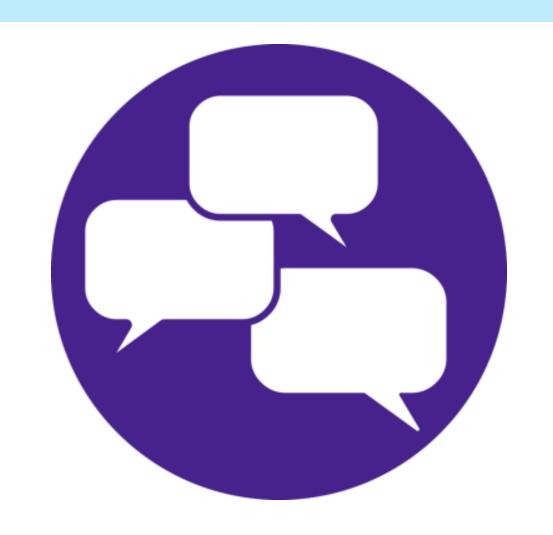
Letters

Invoices

Cost of fees



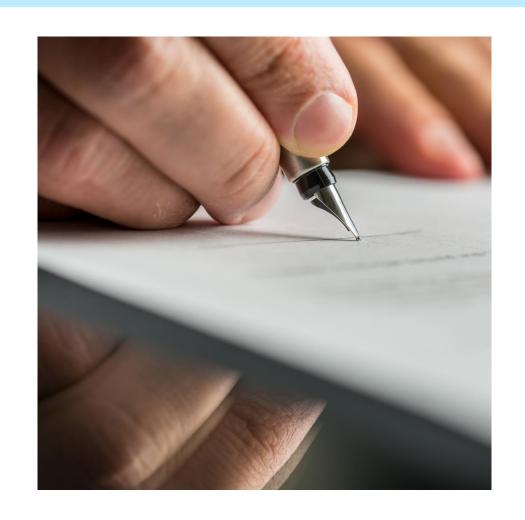
# 5. Questions/Comments?





### 5. CRP Annual Report and Business Plan

For approval: CRP Team to issue membership invoices for 2023/24 after 1st April.

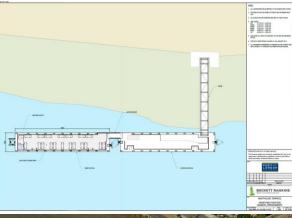




#### **Clean Air Logistics for London (CALL)**

- CALL trials that will be completed from previous year
  - Fitzrovia Partnership Walking Freight Trial with London Borough of Camden, Heal's, Met Police and DfT
  - Westminster City Council Micro Hub Trial.
- Masthouse Terrace Pier, London Borough of Tower Hamlets
  - In December 2022 CRP helped the PLA acquire a pontoon to create London's first dedicated Freight Pier.
  - The pier will be completed in late summer / autumn 2023.
- Lewisham and Southwark Parcel Lockers
  - Delivering London Parcel Lockers will be installed in LB Lewisham (at micro mobility hubs) and LB Southwark (Greenland Surrey Quays).
- Pier Cargo Bike Design Guidance
  - CRP has commissioned this with the PLA and it should be published early in the new financial year.
  - The guidance details design consideration for light freight on piers and includes elements such as: Access spacings, swept paths, pedestrian interactions, gradient considerations, water edge safety and ease of operations.









#### **Clean Air Logistics for London (CALL)**

- Vessel Retrofits and Monitoring
  - The engine retrofit and associated air quality monitoring for 'The Albert' will be completed.
- London Borough of Lambeth Shared EV Scheme and Charging Infrastructure
  - Shared EV scheme will be delivered and available for use by local businesses.
  - Charging bay infrastructure will be implemented at selected sites across the borough.
- London Borough of Islington Our Bike Scheme
  - A shared cargo bike scheme will have been delivered in Islington.
  - This involves implementing two 'Our Bikes' operated by Pedal My Wheels which can be booked out by local businesses and residents.
- Microhub Guidance
  - CRP will have published a guidance document that supports CALL partners to implement micro hubs.
- Pier Traffic Monitoring
  - 6 sensors have been installed across piers in London.
  - Tailored reporting will be completed for each pier, highlighting underutilised periods and the potential for river freight services.











#### **Clean Air Logistics for London (CALL)**

- Northbank BID River Freight Trial
  - Trial is focusing on using the river for the bulk delivery of goods to make it more economically viable for businesses.
- River Freight Tool
  - Interactive tool to promote the use of the Thames for freight to London-based organisations will be completed.
  - This will compile essential information via an interactive map.

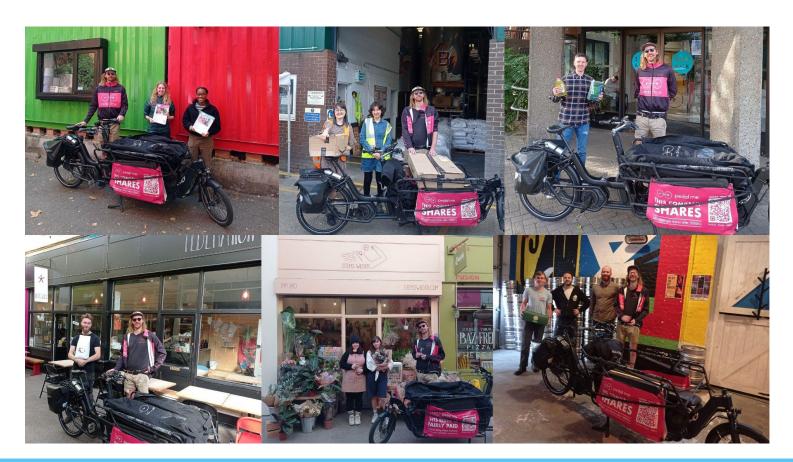






#### **Clean Air Freight (CAF)**

- **Brixton Logistics Hub Trial** 
  - Project concludes 30<sup>th</sup> June 2023
  - CRP sponsoring a delivery locker in Brixton to support businesses with end of project legacy.
     CRP providing a report showing cargo bike hub distribution across London with delivery radius of providers across London, to show areas needing increasing support and areas with strong coverage – released March/April 2023
  - Dedicated CRP Conversations for Clean Air Freight with **Brixton BID** on micro hubs and cargo bikes on 27<sup>th</sup> April
  - Evaluation report by Momentum Transport Consultants finalised April 30<sup>th</sup> 2023 and executive summary released publicly in May 2023



#### 5. EC BID

#### **#CityCommunity Social Media Campaign**

Compromising of the EC3M, EC3R, EC3N and EC3A postcodes, the EC BID area presents a great opportunity to drive ambitious footfall figures. Acting as a world-renowned location, the 24/7 area is adopting to new ways of working and is represented by the UK's largest BID by income.

#### SMART campaign goals will be to:

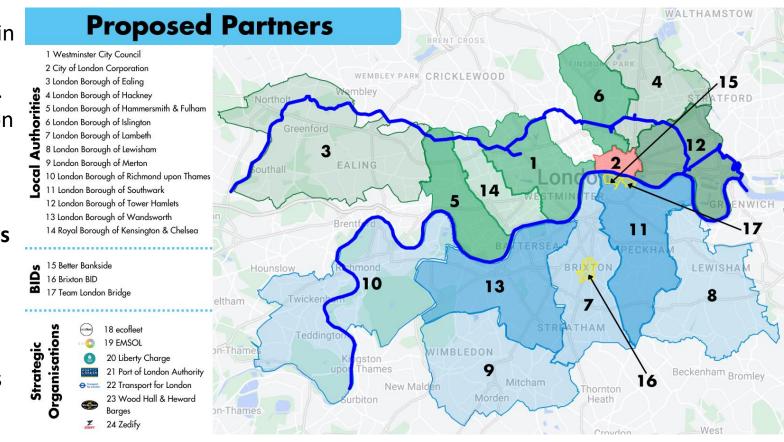
- 1. Increase profile visits to EC BID Instagram (@ecbidlondon) by 20% over the campaign period (March 2023 June 2023)
- 2. Increase EC BID Twitter (@ECBIDLondon) mentions by 50% over the campaign period (March 2023 June 2023)
- Relationship building with EC BID's businesses via social media including LinkedIn, attracting more visitors to EC BID business channels





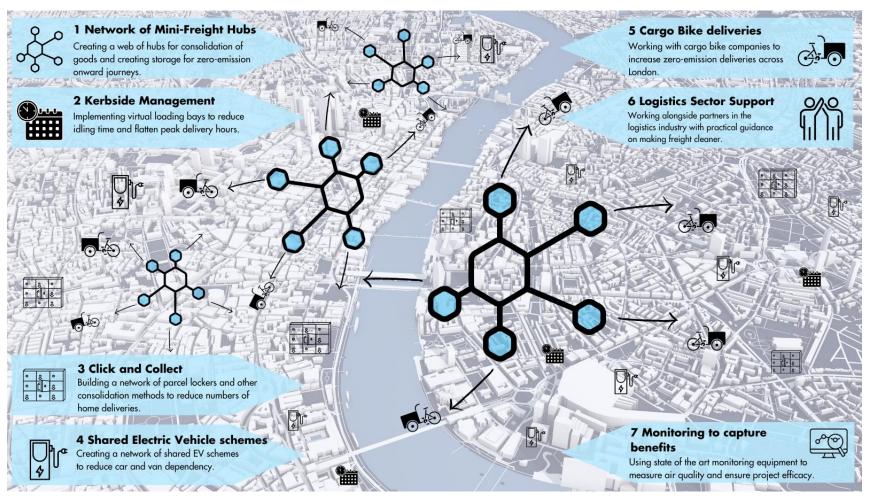
# 5. Smarter Greener Logistics

- Defra-funded project led by CRP's accountable body Westminster City Council in collaboration with 24 project partners.
- CRP has secured £1 million worth of funding.
- SGL aims to minimise the impact of freight on noise, air quality, traffic and pavement space in London.
- Improvements will be delivered across 14
   London boroughs and three London Business
   Improvement Districts (BIDs).
- SGL will build on the success of CRP's Clean Air Logistics for London (CALL) .
- SGL focus areas and partners have been chosen to reflect GLA Air Quality Focus Areas (AQFAs) in central London, where Zero Emission /Consolidated Logistics can make a difference.





# 5. Smarter Greener Logistics



The main initiatives of SGL include:

- 1. Network of Mini-Freight Hubs
- 2. Kerbside Management
- 3. Click and Collect/Parcel Lockers
- 4. Shared Electric Vehicle schemes
- 5. Cargo Bike deliveries
- 6. Logistics Sector Support
- 7. Monitoring to capture benefits

Next Steps.....

# **Upcoming Events – All Welcome!**

#### Monday 13<sup>th</sup> March

London Light Freight River Trial: Press Launch

8:15am, Founders Arms, Bankside

#### Thursday 30<sup>th</sup> March

CRP Conversations: Innovative Transport Decarbonisation 4pm, Online

#### Thursday 29th June

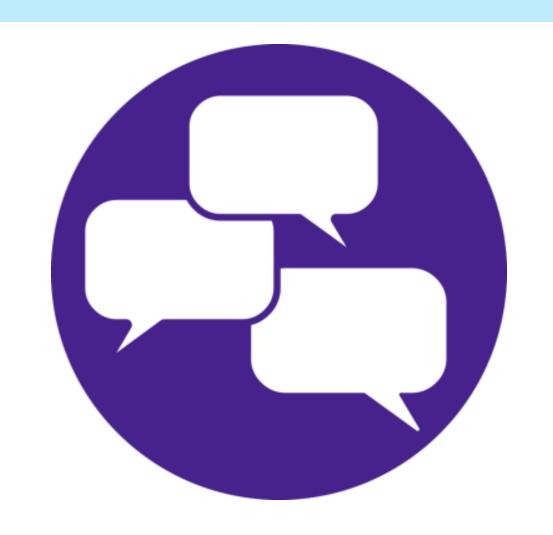
**CRP Summer Celebration** 

Evening, Somerset House





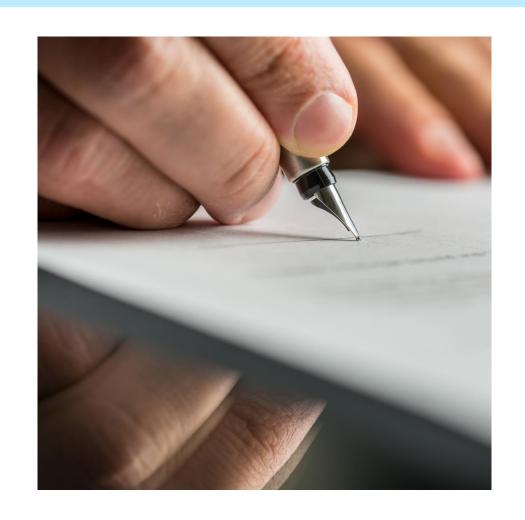
# 5. Questions/Comments?





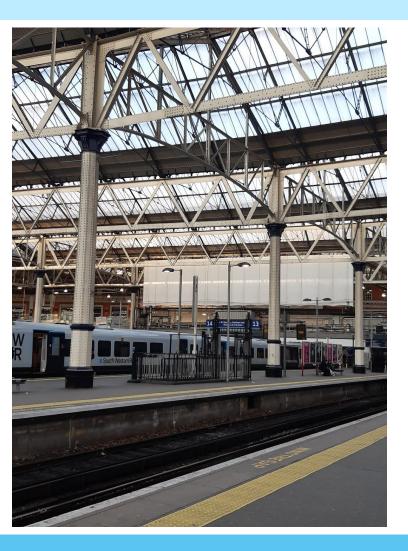
# 5. CRP Annual Report and Business Plan

**For decision**: CRP Board to approve Annual Report and Business Plan content.





# 6. Waterloo Opportunity

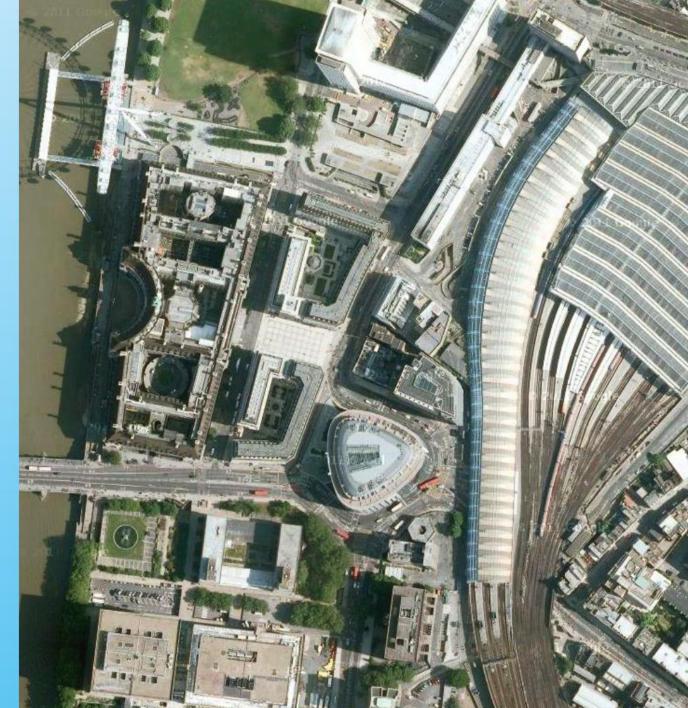


Presentation by Susannah Wilks, CRP and Dan Fredriksson, GBRTT



# Sustainable Freight in Central London

March 2023













## CRP AND SUSTAINABLE FREIGHT IN LONDON



As a <u>partnership</u> bringing together central London Local Authorities, Business Improvement Districts, Landowners and Freight Operators, CRP is well-placed to support GBRTT in taking forward the results of the Rail Freight Study.



CRP also has some <u>financial resources</u> that it can add into any further survey work etc., but expenditure must occur before the end of June 2023.

- CRP was a partner in the <u>Last Mile Logistics</u> (LaMiLo) project that sought to clean up freight deliveries in central London in terms of carbon emissions and impacts on air quality.
- CRP has also delivered the first multi-drop <u>River Freight Trial</u> in London, moving office supplies to Woods Quay pier in central London via vessel and transferring onto cargo bikes for the last miles of delivery across central London.
- CRP has also set up a <u>Cargo Bike Website</u> to support businesses to consider more sustainable delivery methods, as well as supported the electrification of vehicles by installing new charging points.
- CRP recognises the potential contributions to be made by <u>Micro Hubs</u> in particular in central London, and has already led the legal, financial, procurement, property and planning processes to set up a Zero Emissionoperated micro hub within an existing underground Q Park in the City of Westminster - opening end of March 2023.













### UNLOCKING RAIL FREIGHT IN LONDON

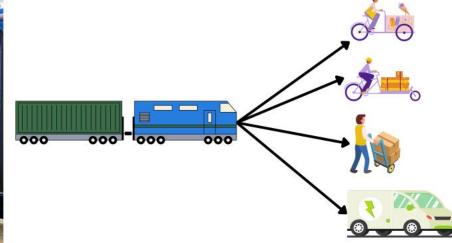
Cross River Partnership (CRP) is unlocking potential and transforming space across the logistics sector in London, to deliver solutions that make London fairer, greener and safer.

CRP has recently commissioned Steer transport consultants to look at the potential for increased rail freight in London, with support from Impact on Urban Health.

The results of the rail freight research show the opportunities for moving more freight into London by rail, as well as opportunities for efficient inter-changes with other clean transport modes for middle and last mile deliveries.

These modes could include e-cargo bikes, walking freight and zero emission vehicles. Inter-change points also provide opportunities for consolidation, sorting and / or storage of goods.







### Why?

Freight vehicles make up 15% of London's total vehicle miles but emit one quarter of London's overall transport carbon emissions

#### What?

The results of CRP's commissioned research show a huge opportunity for removing freight traffic from the roads and onto rail.











## **ZERO EMISSIONS FREIGHT HUB**







**London Rail Station** 



**Micro Logistics Hub** 











### MARKET ENGAGEMENT

Steer engaged with stakeholders in the Freight & Railway Industry to capture a range of different views from potential service providers and end users on the feasibility of stations in London for freight activities











South Western Railway





























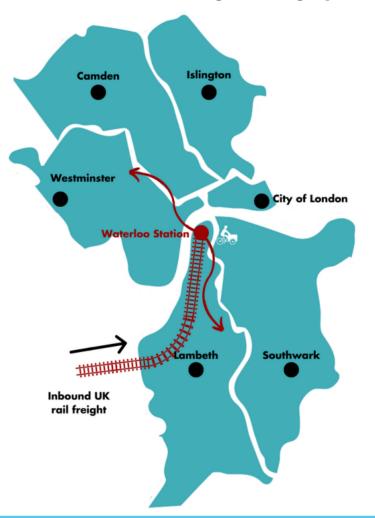






### WATERLOO STATION OPPORTUNITY

CRP is also very keen to support Great British Railways Transition Team (GBRTT) and partners in unlocking the huge potential of the space underneath the existing railway lines at Waterloo Station.





The space is estimated to be between 100,000 - 200,000 square feet (size to be confirmed).



It could be used for storage of goods (including refrigerated goods); sorting of goods; receiving rail and river goods; outward distribution of goods via Zero Emission E-Cargo Bikes at scale, across e.g. London Boroughs of Lambeth, Southwark, Westminster.



The space also has excellent inter-change possibilities and possibilities for reverse logistics that use the nearby river and pier access points for vessel trips e.g. removal of packaging materials











### **WATERLOO STATION MASTER PLAN**

A passenger-first Waterloo Station Master Plan has been commissioned. There is the opportunity to incorporate future freight requirements alongside passenger requirements.



The Waterloo Station Master Plan has been commissioned jointly by LB Lambeth and Network Rail.



A project Steering Group has been set up, which also includes TfL, South Bank BID, local businesses and other interested parties.



Grimshaws have been appointed, with WSP providing engineering input.



Work is underway and the Master Plan Vision and supporting Delivery Framework is due for completion in June 2023.











# WATERLOO AND SOUTH BANK FUTURE NEIGHBOURHOODS 2030 STRATEGY

#### **Partners**





### **Timescale**



Completed by November 2022



Aim: Net Zero by 2030

### A Zero Emission Freight Hub at Waterloo Station would make a huge contribution to 3 of the 5 themes of the Strategy

Retrofitting homes, commercial and public buildings

Lambeth



Creating a decarbonised, smart and integrated energy system



Improving air quality and creating zero emission zones



Climate adapted, resilient and green neighbourhoods



Zero waste circular economy













# WHAT ARE THE DIFFERENT EXPRESS FREIGHT MODES?







**Space on passenger trains** 

Dedicated Freight Multiple Unit (FMU)
into station

Dedicated FMU into distro centre

#### Parcels as passengers

- Regular, in service passenger trains providing space on trains for parcels at times where passenger numbers allow
- Creates up to 25m3

### Inter urban express freight moves

- Using modified former passenger trains
- Delivering parcels and logistics into the heart of cities using passenger stations as transfer point for final mile
- Unique selling point is speed of delivery to city centre
- Low / No Emission

### Trunk logistics moves

- Depot to depot logistics moves
   competing with road haulage moves
- · Road vehicle for the final mile
- Speed and environmental considerations











### **EUSTON PARCEL DECK**

# The Euston Parcel Deck has been modified and used for multiple activities in recent years

- HS2 enabling works and Station Development have removed a previously accessible exit ramp, which allowed one-way traffic to operate on the Parcel Deck
- Relocation of Maintenance Delivery Unit onto the parcel deck have taken up large area of the remaining space
- Relocation of services from basement area is affecting available space on the Parcel Deck
- Stations such as Kings Cross have been redesigned, with reduced service areas













### WATERLOO STATION OPPORTUNITY

The opportunity at Waterloo Station presents a unique chance to create an exciting new vision of freight in London.

This sustainable freight hub is unique as:



First one ever to be sustainable at a rail station in London post-rail privatisation



Unique role for LB Lambeth



Strategic impact



Removing polluting vehicles daily from London's roads



Contribute to Levelling Up agenda - goods into London from Birmingham major warehouses via rail



Creating local jobs













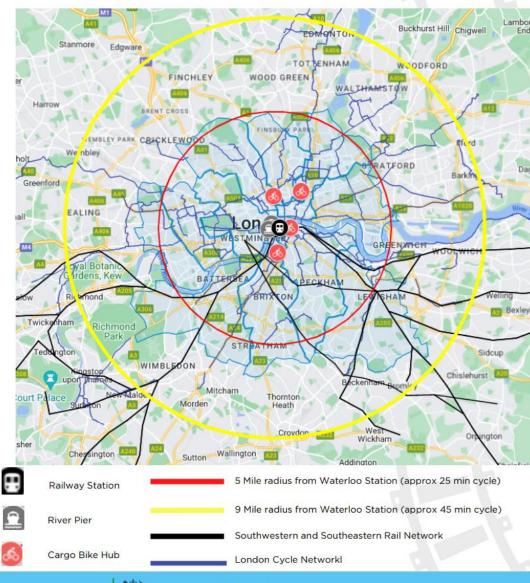
## WATERLOO STATION AS A FREIGHT HUB

### Incoming Freight

London Waterloo to	Rail Travel Time (mins)	Road Travel Time (mins)
Southampton	80	120
Reading	90	90
Portsmouth	110	120
Exeter	205	225

### Ongoing Freight by Cargo Bike

- · Access to nearby Cargo bike courier firms
- Access to 900km cycle network
- · Up to 9 mile delivery radius with electrically assisted bikes
- Electrically assisted bikes deliver up to 60% quicker than vans in inner cities
- Access to 3.5 million people in inner London
- Access to 200,000 businesses in inner London













### WATERLOO STATION SPACE

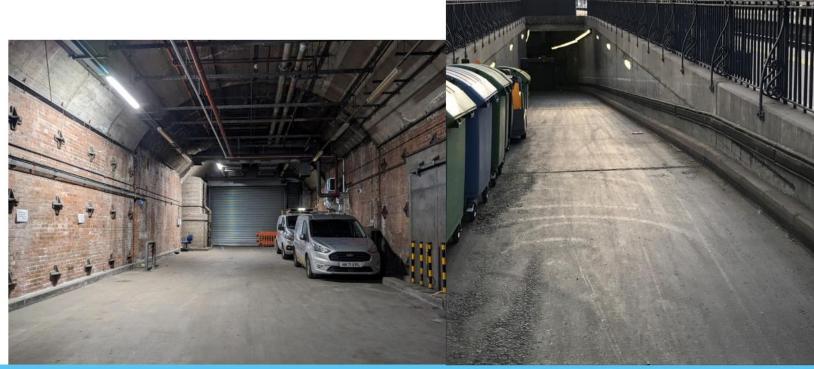
CRP is also very keen to support Great British Railways Transition Team (GBRTT) and partners in unlocking the huge potential of the space underneath the existing railway lines at Waterloo Station.



Directly accessible step-free access via a gentle slope between Platforms 11 & 12, as well as via a number of existing roads surrounding the site space.



Could be sub-let to a single freight operator, or the space could be divided into a number of separate units to maximise community benefit from the space e.g. users could include retailers, sustainable freight / cargo bike operators, bike / vehicle maintenance / repair centre, rider / driver welfare and training facilities, childcare facilities (commercial) etc













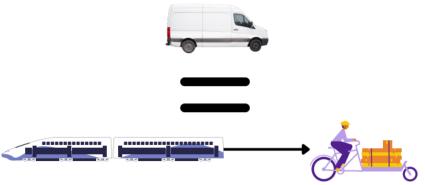
# PARCELS AS PASSENGERS VS DEDICATED FREIGHT TRAINS

CRP has estimated the minimum and maximum amounts of space required for parcels as passenger services and dedicated freight trains.



#### Parcels as Passengers scenario

2-3 x Large Light Commercial Vehicle polluting journeys across London



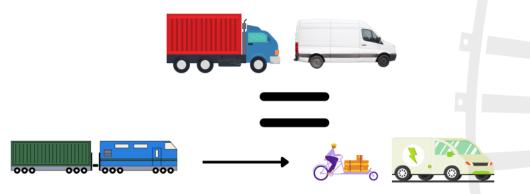
1 parcels as passengers and 13 zero emission journeys by large cargo bike

3 Large polluting vans off the road!



#### **Dedicated freight train scenario**

25 x Large Light Rigid Truck polluting journeys or 75 x Large Light Commercial Vehicle polluting journeys across London



1 Dedicated Freight Train and 400 large cargo bike journeys or 75 x Large Light Commercial Vehicle zero emission journeys across London

Up to 75 large polluting vehicles off the road!











### **SPACE REQUIREMENTS**

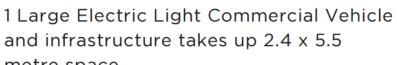
CRP has estimated the minimum and maximum amounts of space required for parcels as passenger services and dedicated freight trains. This will include:



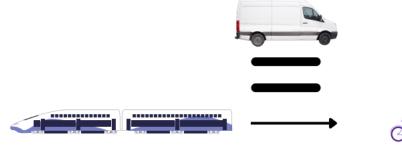
1 cargo bike takes up 110x280cm space



and infrastructure takes up 2.4 x 5.5 metre space



#### Parcels as Passengers scenario



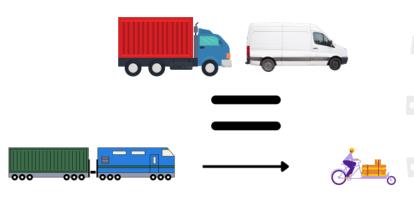
1 parcels as passengers and 13 zero emission journeys by large cargo bike

3 Large Vans off the road!



#### Dedicated freight train scenario

25 x Large Light Rigid Truck polluting journeys or 75 x Large Light Commercial Vehicle polluting journeys across London



1 Dedicated Freight Train and 400 large cargo bike journeys or 75 x Large Light Commercial Vehicle zero emission journeys across London

Space requirement: 13 large cargo bikes (4,004 m<sup>2</sup>)











# Contact Us

Susannah Wilks (Director, CRP): susannahwilks@crossriverpartnership.org

Ross Phillips (Sustainable Transport Project Manager, CRP): rossphillips@crossriverpartnership.org

Dan Fredriksson (Development Lead, Express Freight, GBRTT): <u>Daniel.Fredriksson@gbrtt.co.uk</u>



www.crossriverpartnership.org/newsletter



crp@crossriverpartnership.org



07966 201 695



@CrossRiverPship



in Cross River Partnership



@CrossRiverPartnership



Cross River Partnership



CRP YouTube Channel











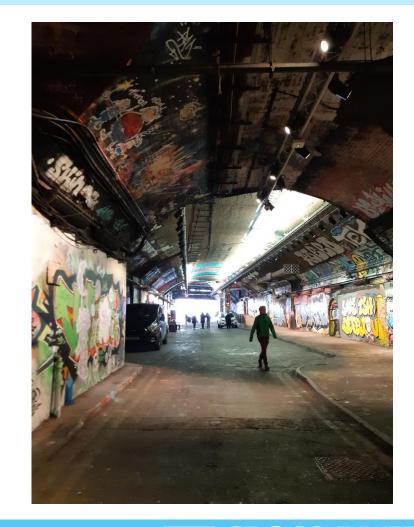
# 6. Questions/Comments?





# 6. Waterloo Opportunity

For decision: Does the Board approve the CRP team pursuing freight-related opportunities at Waterloo Station, in partnership with GBRTT and other key players?





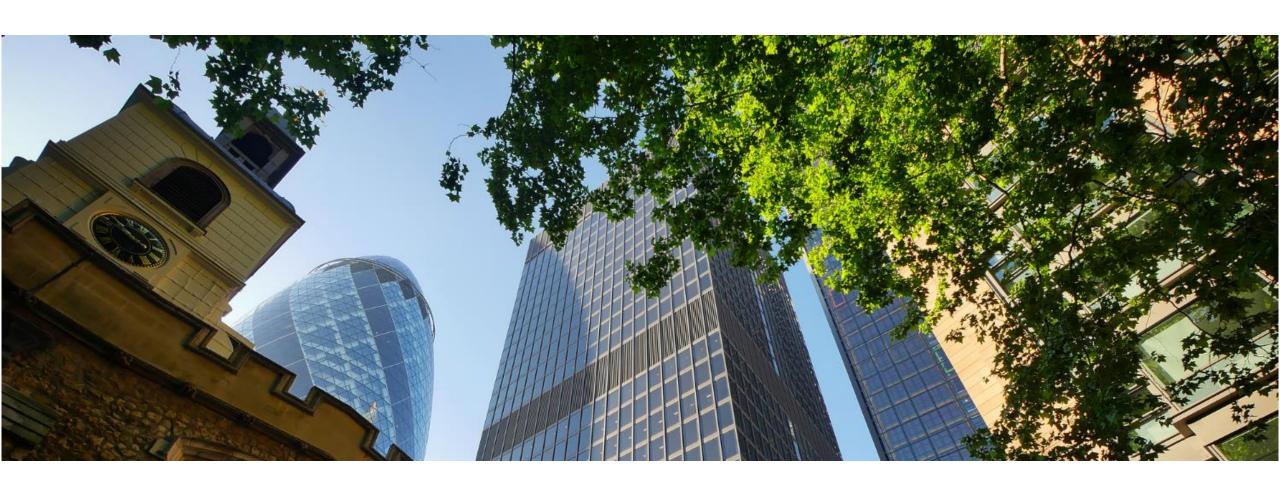
# 7. Next Board Meeting



10am - 11am, Tuesday 26th September 2023



# **7.** AOB







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Cross River Partnership



linkedin.com/company/cross-river-partnership/



www.crossriverpartnership.org/newsletter



Search 'Cross River Partnership' on YouTube

