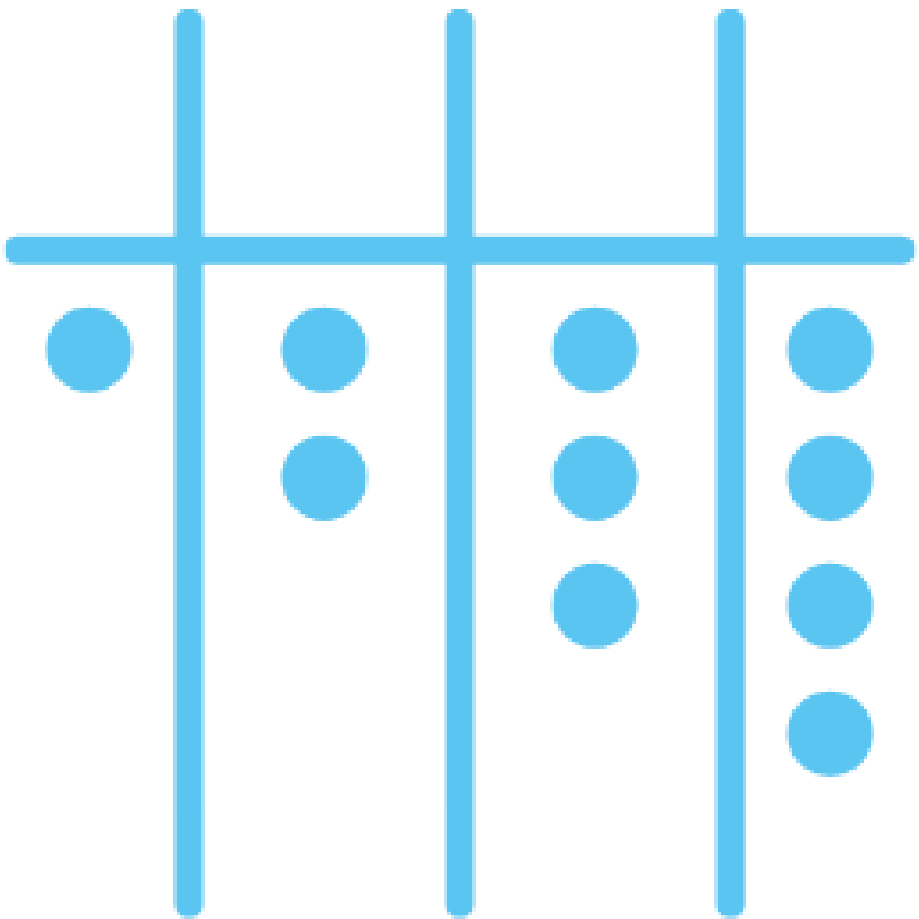


CRP's Connect 4 Series: Session 12

Clean Air Freight: Lessons Learnt



CRP's Connect 4 Series



CROSS RIVER PARTNERSHIP
Delivering London's Future Together

Supported by
Impact on Urban Health

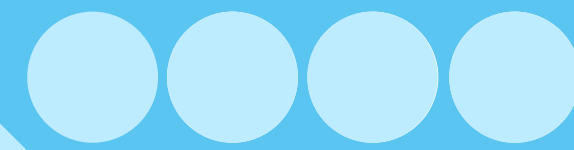
steer

CROSS RIVER PARTNERSHIP
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs

Today's Agenda



Amandeep Singh Kellay



Isidora Rivera Vollmer



Richard Aitken



**Discussion and
questions**

Supported by

Impact
on **Urban
Health**

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs

**Please post your
questions and
thoughts throughout
this session in the chat
box**



Supported by

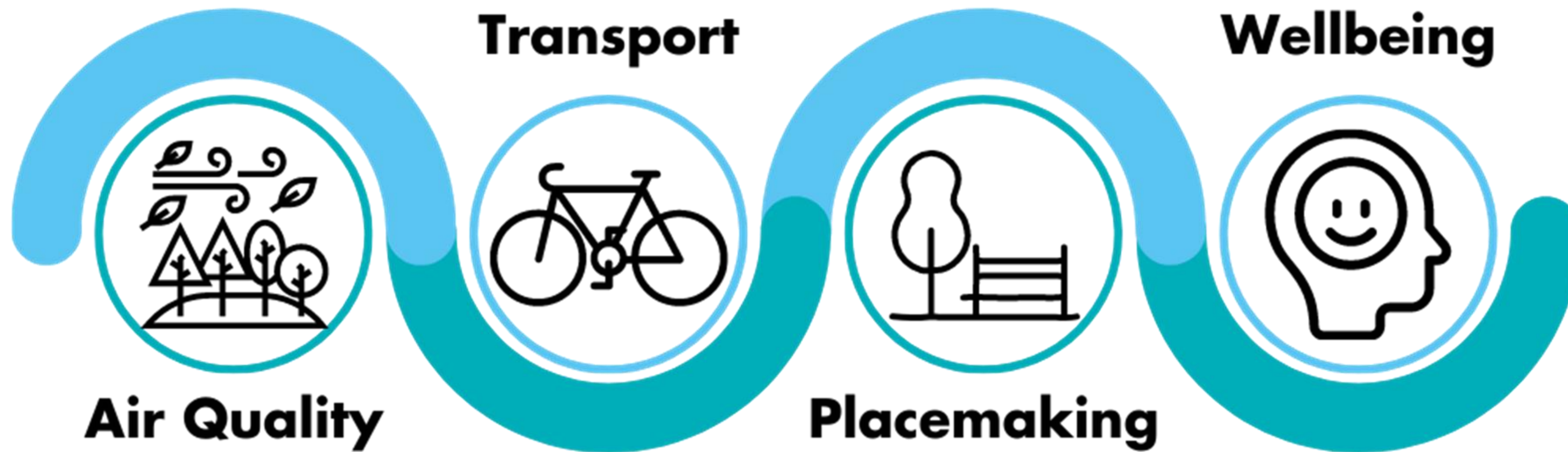
Impact
on **Urban
Health**

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs



Supported by

Impact
on **Urban
Health**

steer

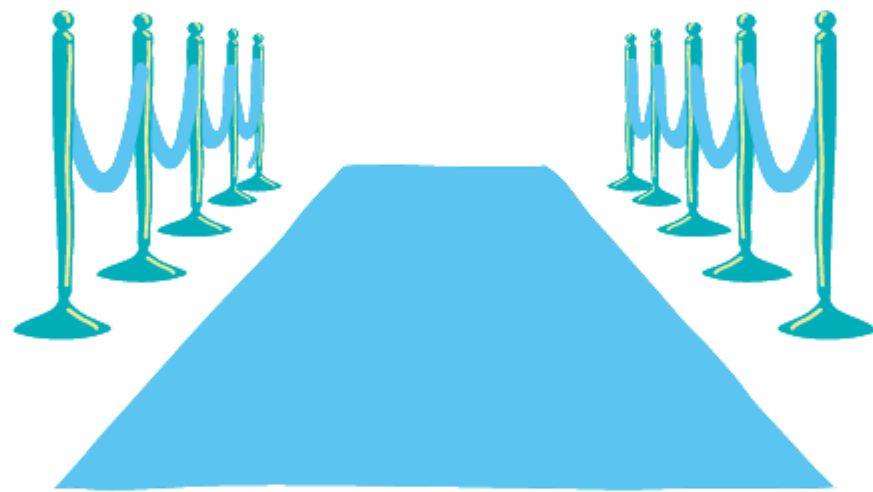
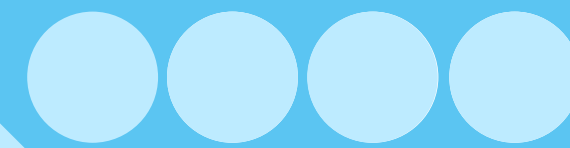
 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON



Department
for Environment
Food & Rural Affairs

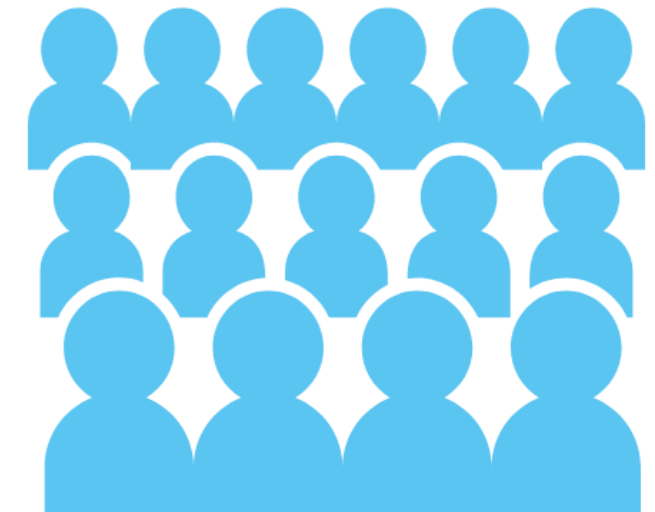
CRP's Connect 4 Series



12 events



39 speakers



**700+
attendees**

Supported by

Impact
on **Urban
Health**

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs



Speaker 1

**Amandeep
Singh Kellay**

Impact
on **Urban
Health**

Supported by

Impact
on **Urban
Health**

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON



Department
for Environment
Food & Rural Affairs

Equitable solutions for air pollution

Presented by: Amandeep Kellay

Date: 08.12.22

Impact

Supported by

Impact
on Urban
Health

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON



Department
for Environment
Food & Rural Affairs

Our programmes

Childhood Obesity

Improving food environments in lower income neighbourhoods.
We work with supermarkets, wholesalers, schools, and new ventures to make the healthy option the easiest, and break the link between poverty and obesity.
[Find out more](#)

Multiple Long Term Conditions

Breaking the link between health and insecure income, wealth and housing.
We work with employers, landlords, lenders and others to improve the health of their staff, tenants, borrowers and customers
[Find out more](#)

Children’s Mental Health

Early intervention to stop children developing behavioural disorders in adolescence.
Behavioural disorders are neglected and under-diagnosed compared to anxiety and depression disorders causing long-term, and unequal, harm.
[Find out more](#)

Health Effects of Air Pollution

Reducing the exposure of vulnerable groups to air pollution.
We work with industry and local communities to find effective and fair ways to improve air quality.
[Find out more](#)

Supported by





Why air pollution?

We want to improve the health of the people who are most affected by poor air quality

Supported by

Impact
on **Urban
Health**

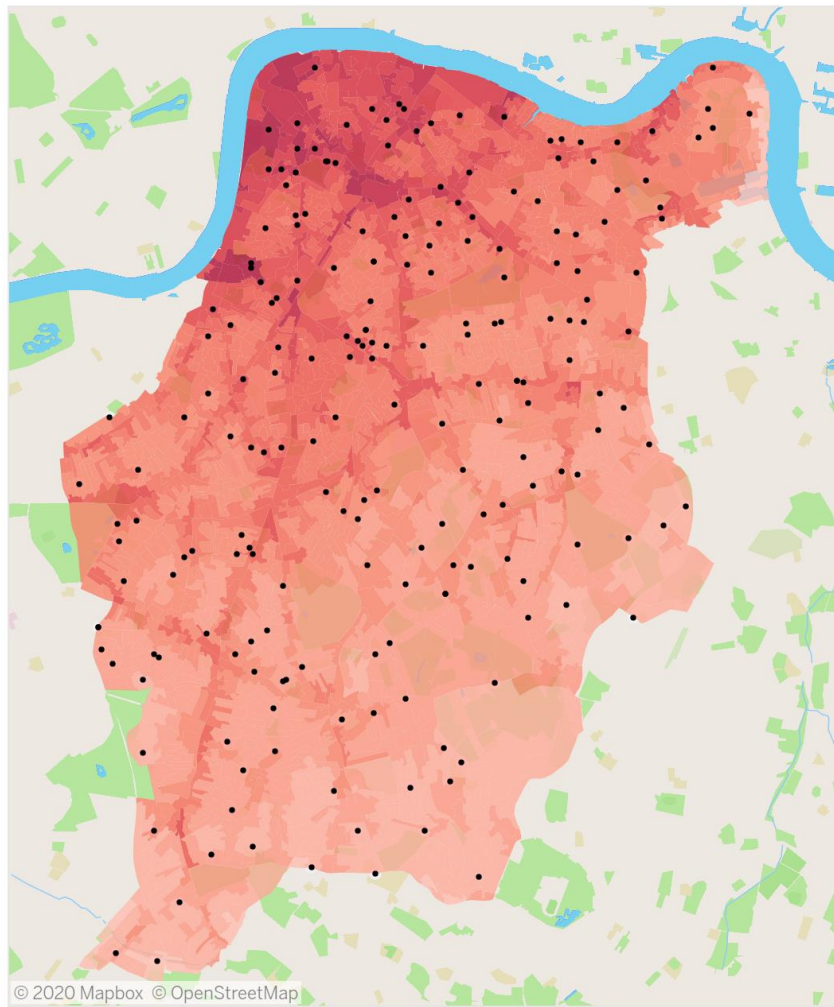
steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

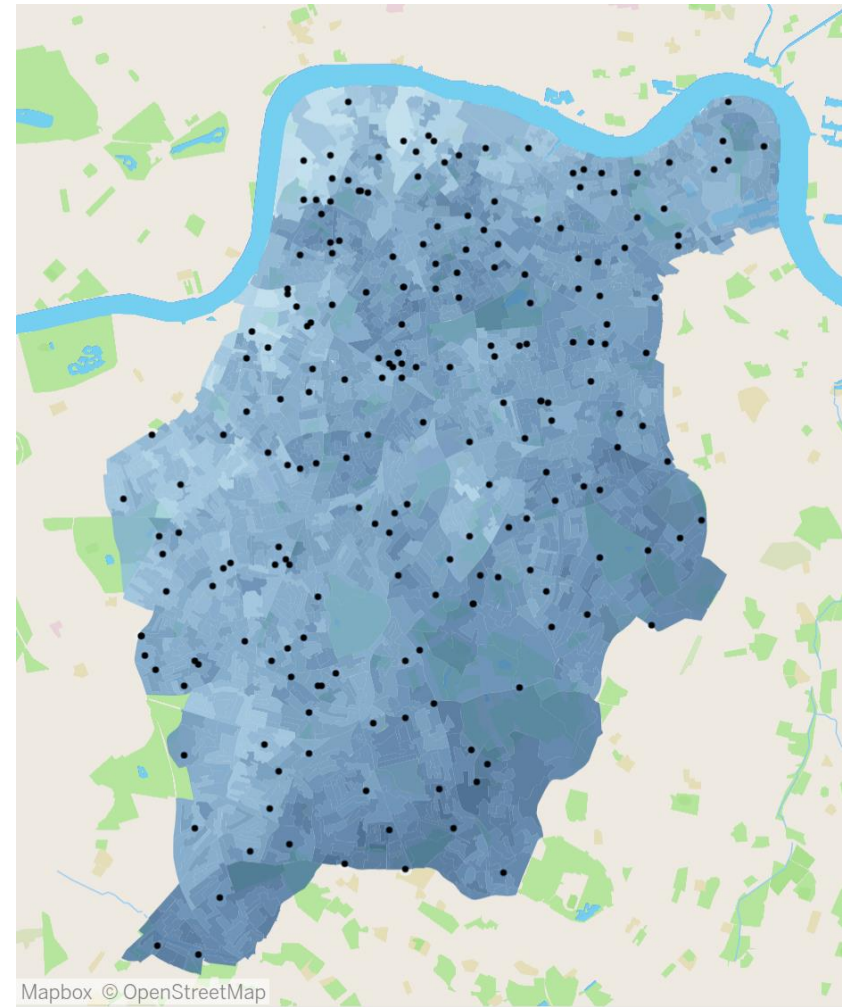
SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs

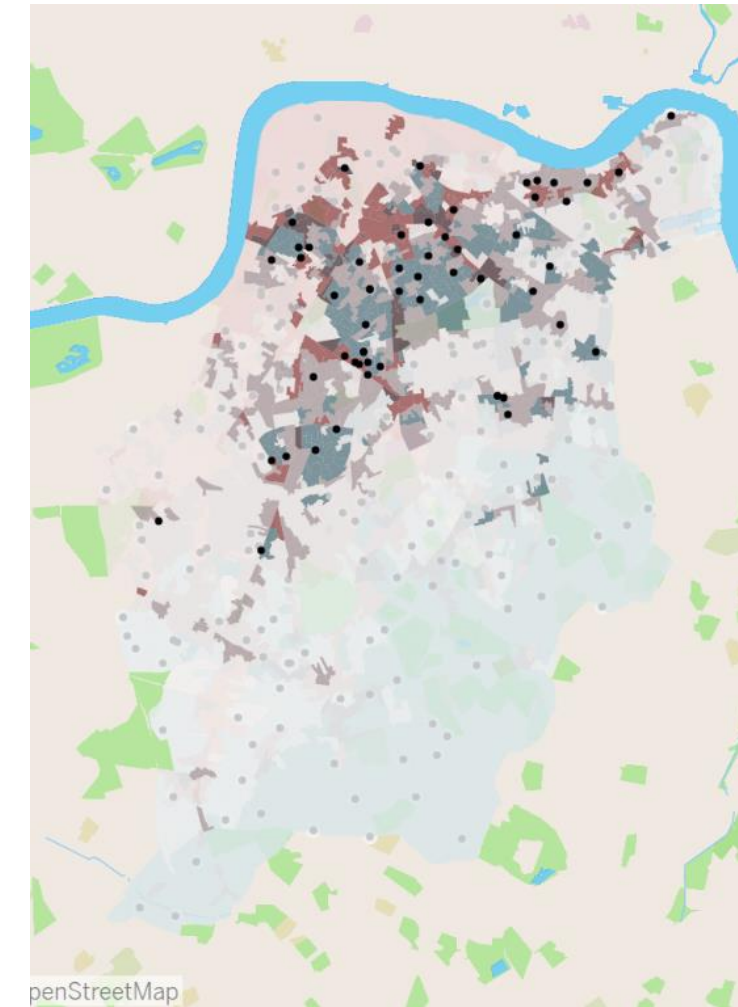
Air pollution in Lambeth and Southwark



The entire footprint of our boroughs of Lambeth and Southwark **exceeds the World Health Organisation guidelines for air pollution**



Groups most susceptible to air pollution are concentrated in certain areas within our boroughs



We think that air pollution has the biggest impact on people's health where there **are both high levels of exposure and a high proportion of susceptible people**

Supported by

Impact
on **Urban
Health**

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs

Air pollution is health inequality in action; it is a social and racial justice issue

- Air pollution causes approximately 36,000 deaths per year in the UK; 4,000 of those in London
- We focus on the people whose health is most affected: children, older people, people with heart and lung conditions, Black people and people from other minoritized communities, and people who live in areas of deprivation
- Air pollution is a driver of health inequalities. People most affected are also most likely to already be affected by other causes of poor health, such as social deprivation
- This inequality is reflected nationally: 85% of people living in areas with illegal levels of nitrogen dioxide are in the poorest 20% of the population
- Deprived and BAME schoolchildren in London experience greater air pollution burden



Supported by

Impact
on **Urban
Health**

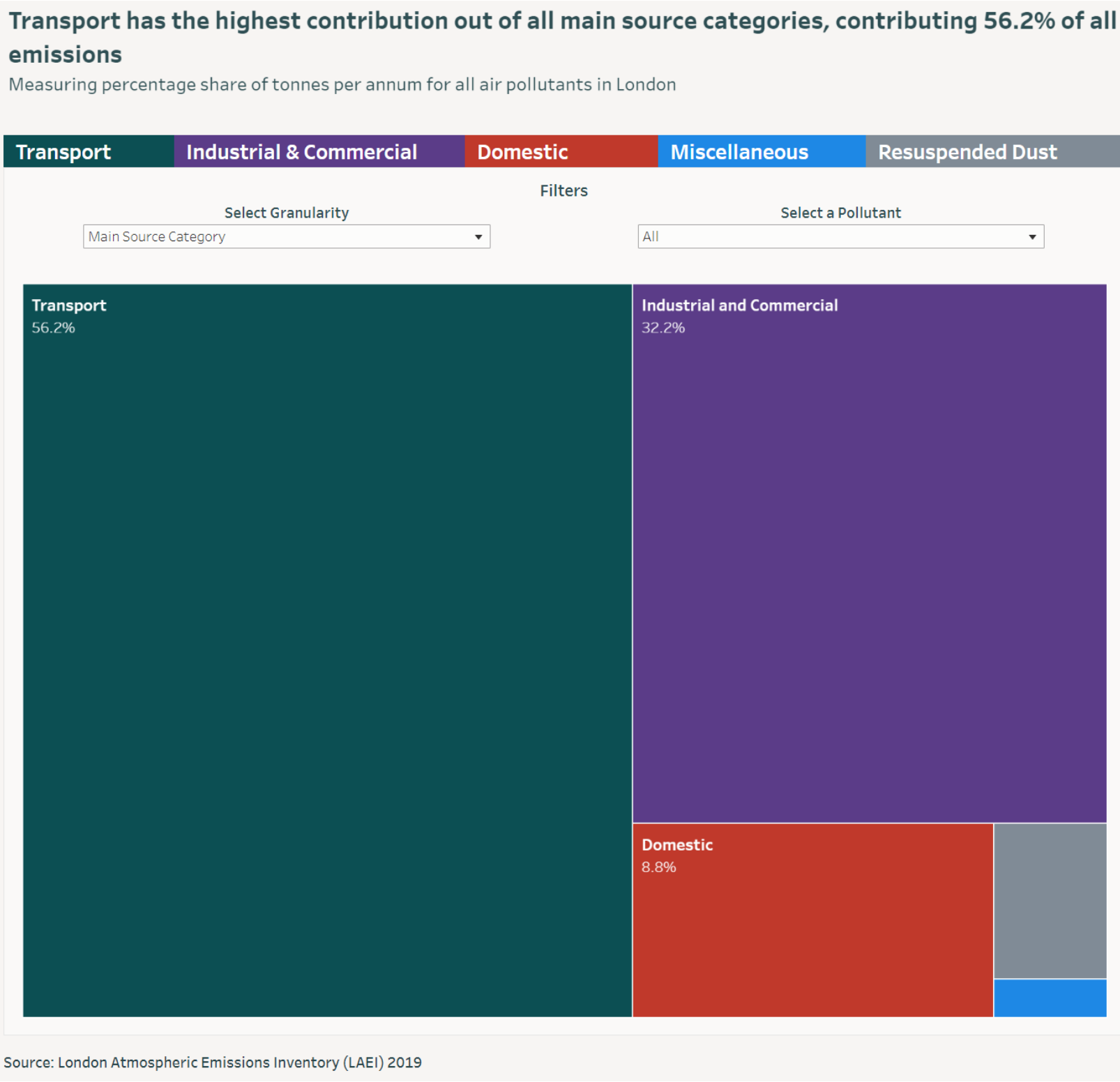
steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs

Where does air pollution come from in London?



More information:





What is our programme doing?

How are we creating an environment in which everyone can breathe clean air?

Supported by

Impact
on **Urban
Health**

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs



We want to leave a legacy of cleaner air for all in Lambeth and Southwark

In our work we aim to do this by:

- Engaging and **amplifying voices** of those most affected
- Reducing **exposure** to air pollution in environments where people spend their time
- Working with **businesses, communities and government** to find equitable solutions to reducing emissions

Supported by

Impact
on **Urban
Health**

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs

A photograph of a man and a young child playing in a park. The man, wearing a patterned jacket and purple pants, is running towards the left. The child, wearing a dark jacket and blue pants, is riding a pink scooter. In the background, there is a wooden playground structure, a metal fence, and a brick building with trees. A white text box is overlaid on the right side of the image.

We're amplifying voices
of those most affected
by air pollution

Supported by

Impact
on **Urban
Health**

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs

What do we know about who is most affected by air pollution?



Those most impacted by air pollution are:

- Least likely to contribute to the problem (for example, to own a car or a wood burner)
- Less likely to be involved in decision making about air quality
- More likely to be negatively impacted by other determinants of poor health such as unemployment, low income, and systemic racism.

Our programme seeks to engage and amplify the voices of people by focussing on voices that are underrepresented. We want to understand how we can create impact within this space with an equitable approach.

Air pollution

People of colour far likelier to live in England's very high air pollution areas

Study finds minority ethnic people make up nearly half of populations in areas with very high NO2 or PM2.5 levels



Study highlights 'the urgency with which our country, and London particularly, needs action on air pollution', says campaigner Rosamund Adoo-Kissi-Debrah. Photograph: Malcolm Park/Alamy

Damien Gayle

@damiengayle

Tue 4 Oct 2022 06:00 BST

Supported by

Impact
on Urban
Health

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs

All health interventions should start with a simple action: Listening

What have we learned from communities in Lambeth and Southwark?

- People are generally not aware of how air pollution affects them
- As people become more aware of air pollution, they want to be engaged in solutions but find information that resonates with them hard to find
- Black residents wanted clearer immediate and long-term ways to protect themselves and their families



Supported by

Impact
on **Urban**
Health

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs

We're working to amplify the voices of those most affected by air pollution

Learning



TSIP

Engagement and connection

Imperial College
London



Supported by

Impact
on Urban
Health

steer

CROSS RIVER
PARTNERSHIP
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON

Department
for Environment
Food & Rural Affairs

Live + Breathe campaign

- We supported a creative agency – Purpose – and a local activist, artist, and musician – Love Ssega – to raise awareness of air pollution among disproportionately affected groups in South London.
- People were offered the chance to sign an open letter to local councillors demanding action to protect people from air pollution.
- The campaign included social media content, advertising around South London, a website, an event, workshops in schools, training materials for community groups, and media engagement.

Supported by

Impact
on **Urban**
Health

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs



PURPOSE IMPACT ON URBAN HEALTH IMPACT REPORT © 2022



THE EVENT

Day Event

Over 600 Attendees, 9 community groups, and 8 artists/influencers

Community Groups Trained

9 individuals/groups attended a training

Youth Group Workshops Held

6 Workshops, reaching over 134 youth

Supported by

Impact
on **Urban**
Health

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON



Department
for Environment
Food & Rural Affairs

Dear councillors,

We, the communities of Lambeth and Southwark, need your help to reclaim our air.

Lambeth and Southwark have some of the worst air pollution levels in the UK. This is a problem for every single one of us who lives and breathes on our streets.

The long term effects of air pollution are felt the hardest in the Black and Brown communities of our boroughs. After the tragic role that air pollution played in the death of 9 year old Ella Kissi Debrah, it's clear that action is needed urgently. Because if not now – when?

We know that you've made commitments to clean up our air, but we need to see it to believe it. As recently elected councils, it's time to put your words into action – and fast. To live and breathe freely, we need to see some key changes now:

Total signatures:

25 Organisations

105 Individuals

Supported by

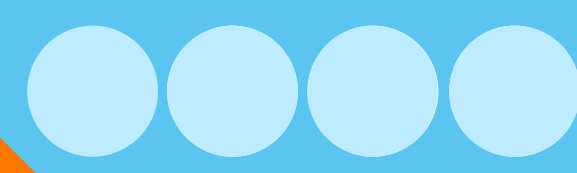
Impact
on Urban
Health

steer

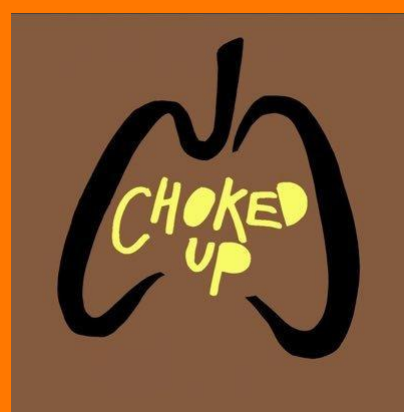
 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs



PURPOSE IMPACT ON URBAN HEALTH IMPACT REPORT © 2022



SELECT OPEN LETTER SIGNATORIES

Supported by

Impact
on Urban
Health

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs

LEARNINGS

Although small in reach, the workshops series targeted key audiences and saw a great magnitude of change, **significantly shifting their knowledge, beliefs and willingness to engage on the issue of air pollution itself.**


Whilst it was important to amplify local voices and the issue through wide reaching media, **the event itself measurably increased audiences depth of knowledge and made people more likely to want to take an advocacy action.**

Love Ssega participation in the workshop series was essential to engaging the partners and having a campaign spokesperson at the events who could speak to the issue area.

Local community group leaders were powerful trusted messengers for the campaign and were effective in engaging younger audiences in the issue.

The workshops provided community groups with the capacity, resource and skills to **integrate conversations on air pollution into their existing activities.**

The event's programme of cultural activities such as **art, music, sport and hobbies, were all effective ways of engaging younger audiences in the issue.**



Health effects of air pollution

Reducing exposure where people spend their time

Supported by

Impact
on **Urban
Health**

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs

We're working with partners to find ways to reduce people's exposure to air pollution...

...In homes

...And at school



Supported by

Impact
on Urban
Health

steer



SUPPORTED BY
MAYOR OF LONDON



Improving air quality in and around schools

- We supported **Arup**, **Global Action Plan** and the **University of Surrey** to improve air quality around schools and measure the effectiveness of interventions.
- The solutions were categorised as: Educational (teacher engagement workshops), behavioural (anti-idling campaigns) and physical (installing an air purifier and green screens of plants).



Supported by

Impact
on **Urban
Health**

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs

Results...

- A temporary road closure for a car free day reduced particulate matter by up to 36%
- Repairing windows increased ventilation rates by 12.5%, which reduced carbon dioxide by up to 40%
- A green screen at the front of a school, close to a busy road, reduced particulate matter by up to 44% during crosswind conditions
- Using air cleaning devices reduced in-class concentrations of particulate matter by up to 59%
- The insights from this work have been organised into educational resource packs, evidence-based toolkits, and case studies, which are all available via the [Transform Our World website](#)
- Research [published by Science Direct](#)
- Media coverage in BBC London, across European press, and Times of India.

Supported by

Impact
on **Urban
Health**

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs

Reducing air pollution in homes

- We're working with **ClearView Research and Air Pollution Services** to explore how indoor air quality affects people's health and how to reduce air pollution in people's homes
- We want to have a better understanding of the level of air pollution in the homes of residents who are vulnerable to the health effects of poor air quality
- We want to know the sources of air pollution in homes and understand residents' experiences of, and attitudes to, indoor air pollution
- We want to know how to improve indoor air quality.



Supported by

Impact
on **Urban
Health**

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs

Health effects of air pollution

Working with businesses

Impact

Supported by

Impact
on Urban
Health

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs

How can businesses improve air quality?

- Working with businesses presents an **equitable opportunity** to reduce air pollution. Much of the discourse around air pollution exposure, and indeed many urban health issues, positions the responsibility on individuals. But working with businesses presents an opportunity to address root causes of the issue
- The freight and construction sectors contribute **significantly** to air pollution in Lambeth and Southwark. Estimates predict this will increase over the coming years



Supported by

Impact
on **Urban
Health**

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs

The business case for improving air quality

Freight

TEAM
LONDON
BRIDGE



Construction

ARUP



Supported by

Impact
on **Urban
Health**

steer

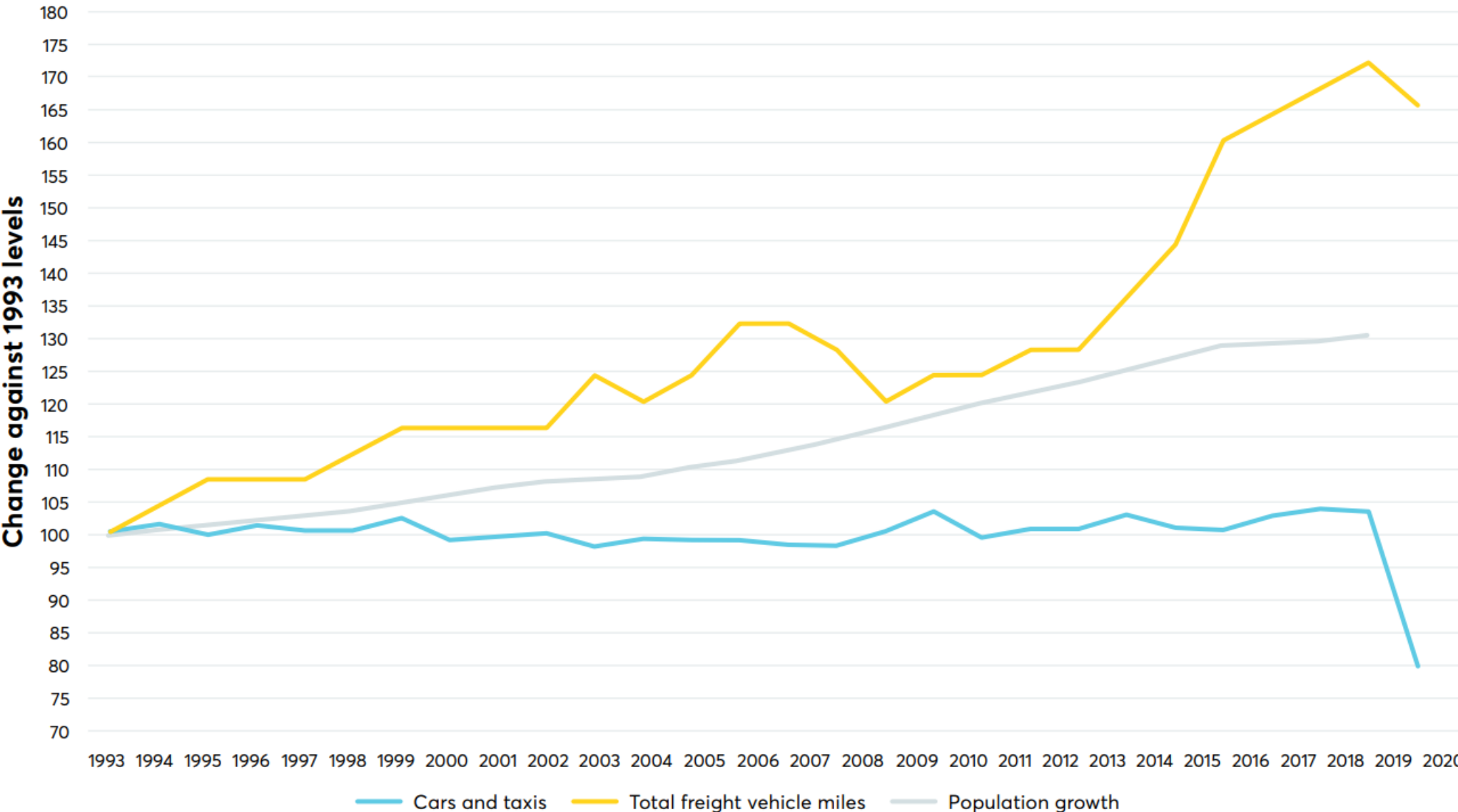


SUPPORTED BY
MAYOR OF LONDON



The impact of freight on local air pollution

Figure 1: London vehicle kilometres travelled and population, indexed against 1993 levels



Source: Department for Transport (2020). Road Traffic Statistics.

Supported by

Impact
on **Urban**
Health

steer

**CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs



- We're working with Team London Bridge and MP Smarter Travel to work with local businesses by offering subsidies and support for businesses to switch to cargo bikes for deliveries
- The delivery area is focused around the 'Low Line' area spanning London Bridge and Bermondsey. This is an area with poor air quality and high levels of poor health and poverty
- We hope to encourage at least 200 businesses to switch to cargo bikes

Supported by

Impact
on **Urban
Health**

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

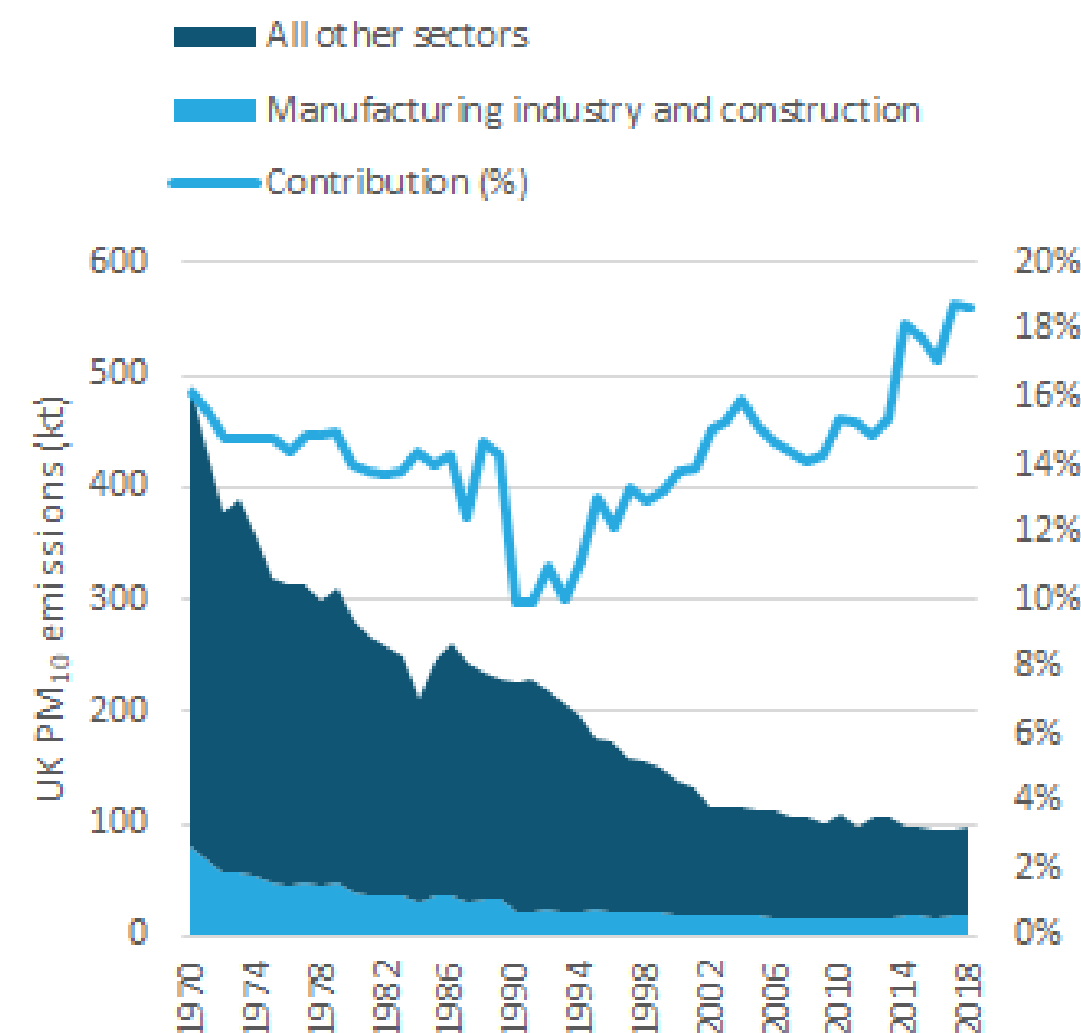
SUPPORTED BY
MAYOR OF LONDON



Department
for Environment
Food & Rural Affairs

Working with the construction sector

- The construction sector contributes significantly to air pollution in Lambeth and Southwark
- As pollution emissions from other sectors have fallen, emissions from construction have increased their overall share of polluting emissions
- We've partnered with **Arup** to develop four exemplar construction developments that demonstrate best practice in tackling air pollution
- We've also undertaken research with the **Centre for Low Emission Construction (CLEC)** to learn more about the construction industry's attitudes to air pollution
- We've worked directly with the construction industry, local authorities, and Government to understand attitudes toward air pollution from construction.
- Our new report – published in partnership with the Centre for Low Emission Construction – has practical recommendations for reducing air pollution from construction sites.



Supported by

Impact
on **Urban**
Health

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

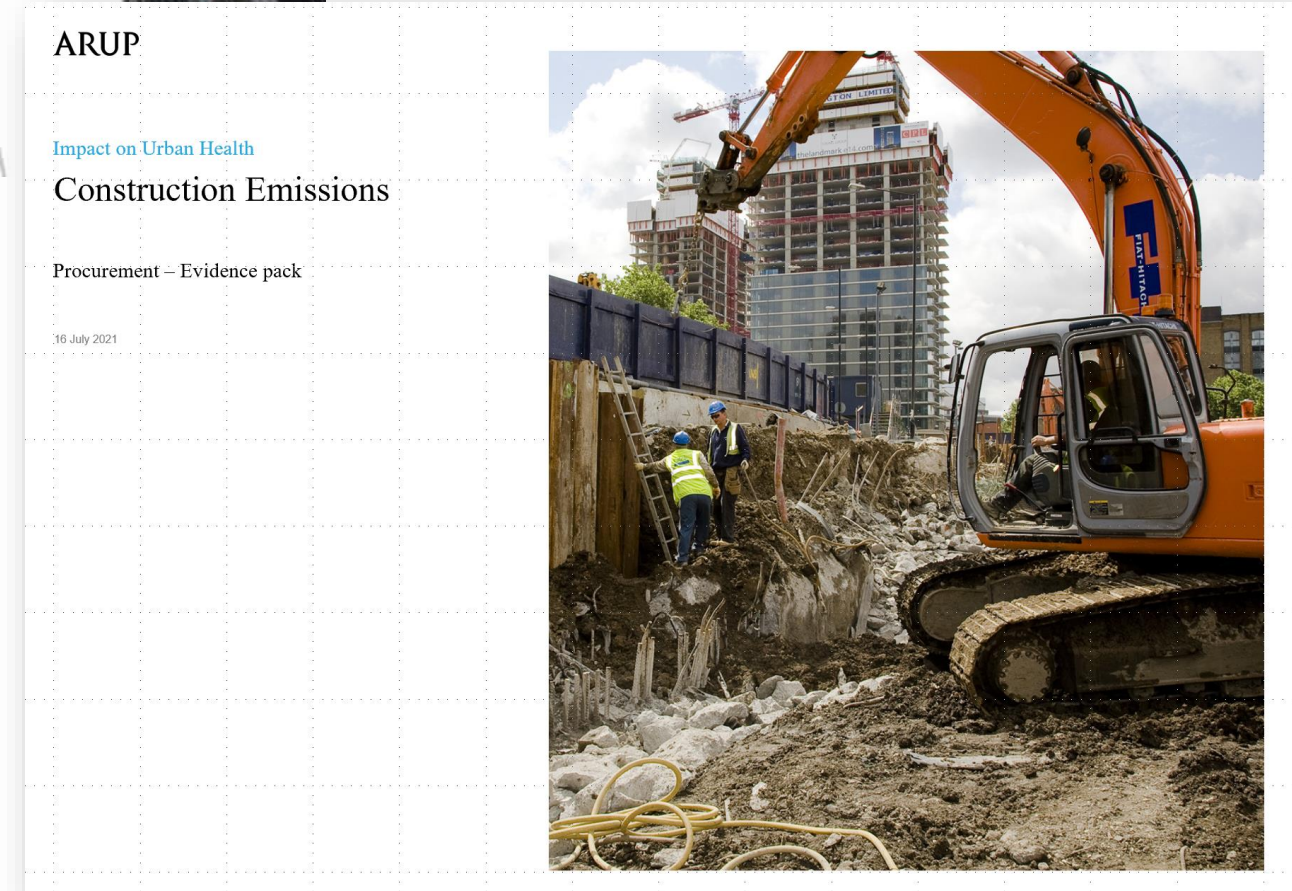
SUPPORTED BY
MAYOR OF LONDON



Department
for Environment
Food & Rural Affairs

Developing 'exemplar' sites with Arup

- We've partnered with Arup to develop four exemplar construction developments that demonstrate best practice in tackling air pollution
- As part of this project we're working with Southwark Council on their Tustin Estate development
- We're also in discussions with Stanhope/GSTF about Royal Street
- The sites will provide evidence of what is possible to influence the wider construction sector



Supported by

Impact
on **Urban**
Health

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs

The business case for clean air is clear

- We're working with [Ricardo](#), a renowned engineering and environmental consultancy
- Ricardo have [developed a new method which enables businesses to measure](#) how much they're contributing to toxic air pollution by emitting gasses like nitrogen oxides and particulate matter
- The business case is clear: a DEFRA study found that [small and medium-sized enterprises](#) that manage their environmental impact generally save money
- This work is co-funded by the Clean Air Fund

More
information



Supported by

Impact
on **Urban
Health**

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs

What next?

- Interventions to improve air quality are working.
- If you have ideas for a partnership or project to equitably improve air pollution in London, get in touch.
- We are an evidence based organisation. We publish our insights and partnerships and are keen to learn from the work of others. Please do get in touch.



Supported by

Impact
on **Urban**
Health

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs

Thank you

Impact on Urban Health
Unlocking the potential
for cities to be healthier

Urbanhealth.org.uk
@ImpUrbanHealth

Impact

Supported by

Impact
on Urban
Health

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs



Speaker 2

**Isidora
Rivera Vollmer**



Supported by

Impact
on **Urban
Health**

steer

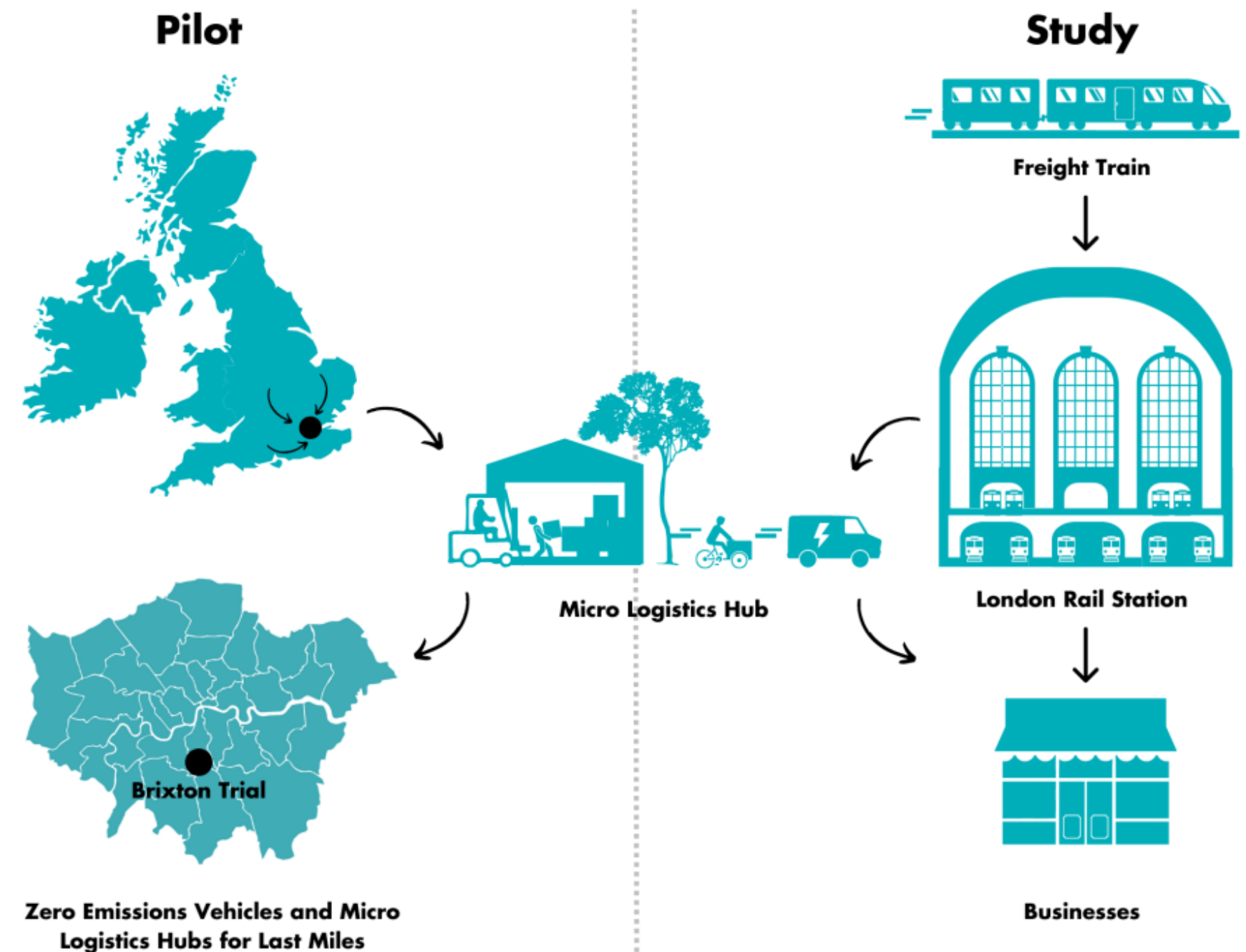


SUPPORTED BY
MAYOR OF LONDON



Clean Air Freight (CAF)

- Impact on Urban Health-funded project
- May 2022 - Spring 2023
- Reducing emissions from freight within the London Borough of Lambeth and the London Borough of Southwark
- Two workstreams:
 - Brixton Micro Hub Pilot
 - Rail Freight Study



Supported by

Impact
on **Urban
Health**

steer

**CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs



pedal me

Impact
on **Urban
Health**



Inbound Deliveries (Supplier → Brixton)



Supplier



FREE Micro hub



Brixton
business

Outbound Deliveries (Brixton → Business Customer)



Brixton
business



FREE Micro hub



Business
customer

Supported by

Impact
on **Urban
Health**

steer



SUPPORTED BY
MAYOR OF LONDON



Department
for Environment
Food & Rural Affairs

Updates & Changes

- Moved most operations from our hub in SE1 to our new hub in Battersea (industrial area)
- 20ft shipping container acting as a micro hub and storage space
- Businesses' own labelled and colour-coded spaces inside the container
- Aim to maximise the environmental impact of our project



Supported by

Impact
on **Urban**
Health

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs

Current Use

- 8 businesses using the scheme (aim: 10)
- Goods include: bar snacks, spirits, flowers, coffee beans, printed newsletters, office supplies, cleaning supplies
- Example case: Stems Wilder's flower deliveries
- Benefits:
 - Same-day, quick and flexible deliveries
 - Avoiding missed deliveries
 - Free storage space
 - Bulk-buying & discounts from suppliers
 - Noise reduction
 - Cleaning up Brixton's air!



Supported by

Impact
on **Urban
Health**

steer

**CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs

Testimonials

“We want our businesses to help us create **healthier and less-congested streets**. Introducing **green solutions to business deliveries** is part of our mission to make Brixton a more sustainable place.”

- *Gianluca Rizzo, Managing Director, Brixton BID*

“To be able to make an order and receive [it] by cargo bike in an hour completely re-defines the view we have on available supplies especially last-minute. Our suppliers have often failed us due to rigid delivery days into Brixton and access issues.”

- *Hammant Patel Villa, Owner, The Courtesan*

“Being situated in an indoor market makes it very difficult for my regular deliveries, especially those happening at night from the Hoek flower supplier. [...] My only option was to deliver flowers to my home address in Streatham Hill and book a taxi (2-3 times a week) to help transport the flowers to the shop. This would cause more **pollution** in the area and also added an **extra cost** which I can't afford as a **small business**. PedalMe has been very helpful and delivers flowers straight to the shop front **without causing any disruption to other tenants and on the road.**”

- *Milena Mackowiak, Owner, Stems Wilder*

Supported by

Impact
on **Urban**
Health

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs

Learnings

Engagement:

- Duration between first contacting a business and signing them up
- Word of mouth and recommendations between traders is often essential (local champions)
- When speaking to businesses, highlighting the free storage aspect more

Operations:

- Management can be complex
- Delivery instructions, contact number, signage, constant communication
- Suppliers with in-house logistics



Supported by

Impact
on **Urban
Health**

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs

Rail Freight Study

- CRP commissioned Steer to undertake a rail freight feasibility study
- Aim to prepare for more rail freight deliveries into London and zero-emission onward deliveries
- Richard Aitken (Steer), our next speaker, to present more exciting details!



Supported by

Impact
on **Urban**
Health

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs



Speaker 3

Richard Aitken

steer

Supported by

Impact
on **Urban
Health**

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs

Rail Freight At Stations Feasibility Study For Southwark & Lambeth



Supported by

Impact
on **Urban
Health**

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs

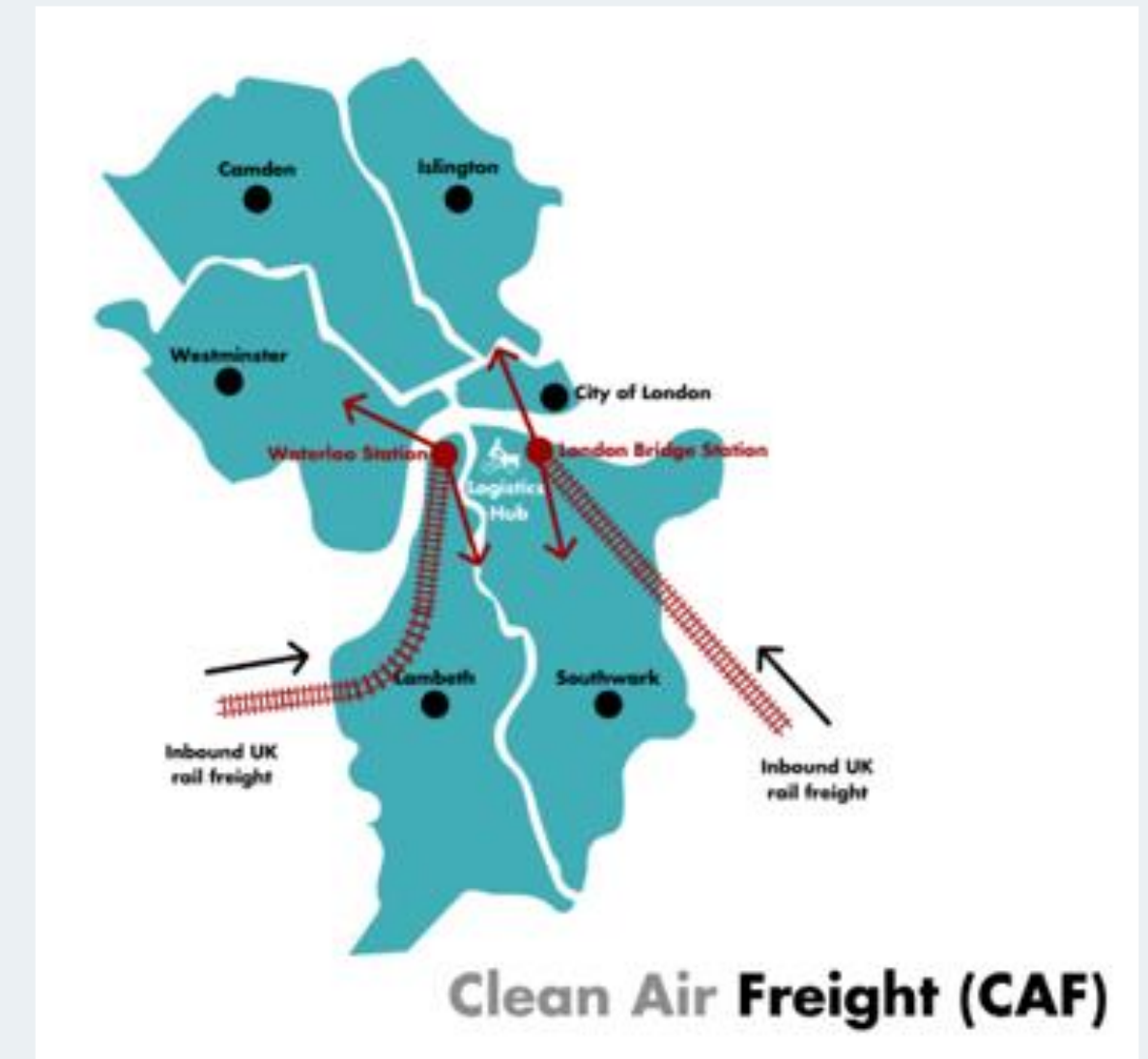
Study identifies the feasibility of rail freight at stations in Southwark / Lambeth

Context

- Modal shift, tackling congestion and encouraging freight consolidation are important in reducing pollution and improving air quality
- Rail freight vital to Britain's economic success, contributing £870m to the economy
- Opportunity for low emission rail freight linked with zero emission last-mile services for deliveries into urban areas

Scope / Approach

- Conduct research on what stations can do to enable rail freight and last mile solutions
- Engage with logistics and rail industry stakeholders to obtain market insights and feedback
- Provide a framework for the procurement and recommend a detailed action plan for a specific rail freight trial to be implemented upon completion of this study



Supported by

Impact
on **Urban
Health**

steer

**CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs

Rail and logistics sector engagement identified challenges and opportunities

Challenges to be overcome include...

Express Rail freight is yet to be commercially viable

Investment needed in many cases to integrate rail freight with existing logistics networks

Actual or perceived limitations of rail freight compared to road, e.g. reliability, journey times etc.

However there are tangible opportunities for rail freight to support...

Several factors currently impacting road logistics e.g. HGV driver shortages, road congestion and cost of new electric vehicles

Market is starting to appreciate need to decarbonise in business decision making

Trials and collaborations with rail industry can help reduce capital cost barriers

Supported by

Impact
on **Urban
Health**

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs

Two emerging options will be tested through the final stage of the study

‘Parcels as Passengers’ on existing passenger rail network

- Low, frequent volumes into main stations, on existing passenger routes



Dedicated Freight Multiple Unit

- Large volumes into London termini on dedicated freight multiple units for onwards distribution



Supported by

Impact
on **Urban
Health**

steer

**CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs

We continue to work with CRP to deliver valuable outcomes from this study

Next Steps

- Conclude operational assessment of two emerging options at short-listed stations
- Set out a framework for the procurement of rail freight at stations
- Recommend a detailed action plan for a specific rail freight trial to be implemented upon completion of this study



Supported by

Impact
on **Urban**
Health

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs

Questions?

Supported by

Impact
on **Urban**
Health

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs

CRP Conversations

Wednesday 25th January 2023

Supported by

Impact
on **Urban**
Health

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs

Contact Information



Amandeep Singh Kellay
Portfolio Manager
Impact on Urban Health
amandeep.kellay@urbanhealth.org.uk



Isidora Rivera Vollmer
Senior Project Officer
Cross River Partnership
isidorariveravollmer@crossriverpartnership.org



Richard Aitken
Associate
Steer
richard.Aitken@steergroup.com



Rachael Aldridge
Communications Project Manager
Cross River Partnership
rachaelaldrige@crossriverpartnership.org

Supported by

Impact
on **Urban**
Health

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON



Department
for Environment
Food & Rural Affairs

Follow Us!



www.crossriverpartnership.org



@CrossRiverPartnership



@CrossRiverPship



Cross River Partnership



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



www.crossriverpartnership.org/newsletter



Search 'Cross River Partnership' on YouTube

Supported by

Impact
on **Urban**
Health

steer

 **CROSS RIVER
PARTNERSHIP**
Delivering London's Future Together

SUPPORTED BY
MAYOR OF LONDON


Department
for Environment
Food & Rural Affairs