

# Camden Business Support & Improving Local Air Quality



# Today's Speakers



Gemma George  
Lead Sustainability Consultant  
Camden Climate Change Alliance

**Chair**



Klarissa Ekaputri  
Senior Consultant  
Momentum Transport

**Speaker**



Kate Fenton  
Project Manager  
Cross River Partnership

**Speaker**



Anusha Rajamani  
Project Officer  
Cross River Partnership

**Chat Moderator**



Rachael Aldridge  
Project Officer  
Cross River Partnership

**Technical Lead**

# Today's Agenda

1. CCCA: Introduction and Context

2. Momentum: Sustainable Transport Strategy

3. CRP: Tools and Resources

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**Have your say:**  
Q&A session at the end of the presentation

# Introduction

Gemma George

Lead Sustainability Consultant



Camden  
Climate Change  
Alliance

# Camden Climate Change Alliance

**Context: Air Quality in Camden**  
**Gemma George, CCCA Lead**

CAMDEN  
CLIMATE  
PLEDGE

CLEAN  AIR  
FOR CAMDEN

## About the CCCA

- Network established in 2008 by Camden Council and key businesses in the borough with 400+ members
- Work with businesses, schools, third sector, individually and collectively on sustainability issues
- Work with key partners

### Schools



### Clean Air Villages



### Camden Recycles Cups



### Low Emission Neighbourhood



## About the CCCA

### Free Sust. assessment



### Advice on funding



### Awards / Certification



### Networking



### Online Resource library



### Workshops



## Air Quality in Camden

Air pollution has a significant impact on public health, accounting for around 9,400 premature deaths in London each year and affecting the health of many more with asthma, hay fever and other conditions.

Pollutants include:

- ▶ Nitrogen Dioxide (NO<sub>2</sub>) – invisible gas produced by burning fossil fuels, produced mainly by transportation and heating systems in buildings
- ▶ Particulate Matter (PM) – small airborne particles such as dust, soot and drops of liquid. In urban areas from mainly road vehicles, construction activities, commercial catering and fuel use in buildings

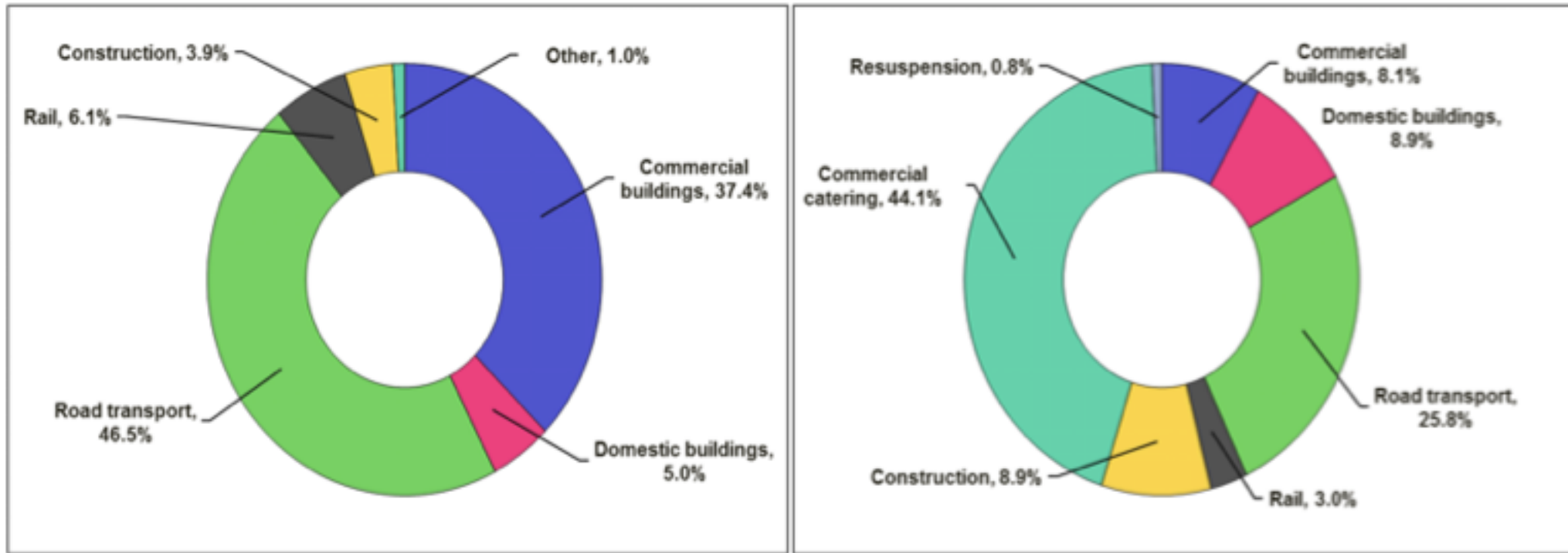
In Camden half of NO<sub>2</sub> emissions come from road transport and about one-third from commercial buildings (i.e. gas boilers, CHP).

**There are a number of Air Quality Focus Areas in Camden including Grays Inn Road.**





# Emissions of NO<sub>2</sub> and PM<sub>2.5</sub> in Camden



NO<sub>2</sub>

PM<sub>2.5</sub>

## Camden Climate Action Plan

An ambitious five-year programme of projects and initiatives that brings to life a vision of a zero-carbon borough by 2030.

4 themes: People, Places, Buildings and Organisations. These deliver on 17 Citizens' Assembly recommendations.

### Highlights of the plan include:

- Increasing the number of segregated cycle routes.
- Requiring all new major developments to be zero carbon.
- Greening the Council's operations: 100% renewable tariffs, zero emission fleet by 2030, BREEAM Outstanding offices.



## Organisations & the Climate Action Plan

- ▶ Camden-based organisations including offices, shops, schools, universities, hospitals and the Council are major contributors to carbon emissions in the borough.
- ▶ Emissions from their buildings alone contribute to around 60% of direct carbon emissions
- ▶ Their environmental impact increases further when carbon emissions associated with the goods they buy or use are included.

### ZERO CARBON CAMDEN BY 2030

**People** - Everyone who lives, works, studies and visits the borough will be well informed and actively contribute to tackling the climate crisis in all aspects of their lives.



**Places** - Camden's public spaces will encourage and enable healthy and sustainable travel choices and promote biodiversity.



**Buildings** - Camden's buildings will be energy efficient, comfortable and fit-for-purpose for a zero carbon future.



**Organisations** - All organisations in Camden will operate responsibly and embed tackling the climate crisis throughout their operations.

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Alliance





TACKLING THE  
CLIMATE  
CRISIS



**Take action to help make Camden net zero carbon by 2030**  
**Sign up to the Camden Climate Pledge**

Support the Camden Climate Action Plan and join others to work together towards net zero carbon emissions by 2030.

## Camden Climate Pledge

Pledge your support for **Climate Action in Camden** and commit to doing all that you can to be net zero carbon by 2030.

Review our list of actions your business or organisation can take to satisfy those commitments:

- ▶ **Environmental Management**
- ▶ **Energy Efficiency and Renewables**
- ▶ **Waste Prevention**
- ▶ **Supply Chain and Deliveries**
- ▶ **Business Travel and Commuting**
- ▶ **Staff Engagement**
- ▶ **Encouraging Biodiversity**
- ▶ **Partnerships**



## Energy Efficiency and Renewables

*Reduce your operation's carbon emissions through improved energy efficiency and the use of renewable energy*

- ▶ Commit to reviewing your organisation's energy consumption.
- ▶ Set a target for reduction in energy use.
- ▶ Implement energy efficiency measures such as installing LED light bulbs.
- ▶ Switch to a renewable energy supplier.

### Some of the ways CCCA can help

Advice and Resources: CCCA Guides - Calculating your Carbon Footprint, Display Energy Certificates, Building Fabric, Minimum Energy Efficiency Standards, support programmes. Advice on applying for the Camden Climate Fund.

Consultancy Services: Review of your energy data and carbon footprint, energy audits, Display Energy Certificates, development of carbon management plan.



## Supply Chain & Deliveries

*Strive to incorporate environmental and social considerations into your business/organisations procurement processes and reduce the carbon emissions resulting from your deliveries*

- ▶ Consider energy/environmental performance in procurement decisions.
- ▶ Require contractors to meet environmental standards as part of contracts.
- ▶ Participate in a freight consolidation scheme or consolidate your own deliveries.

Some of the ways CCCA can help

Advice and Resources: CCCA Guide - Assessing your Supply Chain. Advice on freight consolidation schemes and projects, advice on ethical and sustainable procurement.



SUPPLY CHAIN  
AND DELIVERIES



## Business Travel and Commuting

***Make every effort to reduce carbon emissions resulting from business travel and staff commuting within your business/organisation***

- ▶ Encourage staff to walk or cycle more often.
- ▶ Create a travel plan for your business.
- ▶ Improve facilities to encourage cycling to your workplace such as showers and cycle racks.
- ▶ Take business travel and commuting into account when measuring your carbon footprint/environmental impact.

### Some of the ways CCCA can help

Advice and Resources: CCCA Guide- Travel Plan (including staff survey) and Template for Businesses, Calculating your Carbon Footprint, COVID-19 Support Travel CCCA webpage.

Consultancy Services: Support in developing a travel plan and staff survey for businesses/organisations.





## Benefits of Pledging

- ▶ Inclusion in the social media campaign
- ▶ Publicity through CCCA communication channels and website
- ▶ Opportunity to be a case study to showcase achievements
- ▶ Exclusive use of our Climate Check logo
- ▶ Access to peer to peer knowledge sharing activities
- ▶ Access to local funding opportunities
- ▶ CCCA Support

**Camden**  
**Climate Change**  
**Alliance**

***Join the CCCA for free:***

***<https://www.camdencca.org/join/>***

***Participate in the Climate Pledge Pilot by signing up on the website:***

***<https://www.camdencca.org/camden-climate-pledge/>***

For more information contact:  
Gemma George, CCCA Lead  
[gemma.george@camden.gov.uk](mailto:gemma.george@camden.gov.uk)

# Sustainable Transport Strategy

Klarissa Ekaputri

Senior Consultant



The way the world moves. By design.

# Momentum Transport Consultancy **Sustainable Transport Strategy**

November 2020





# Who are Momentum?

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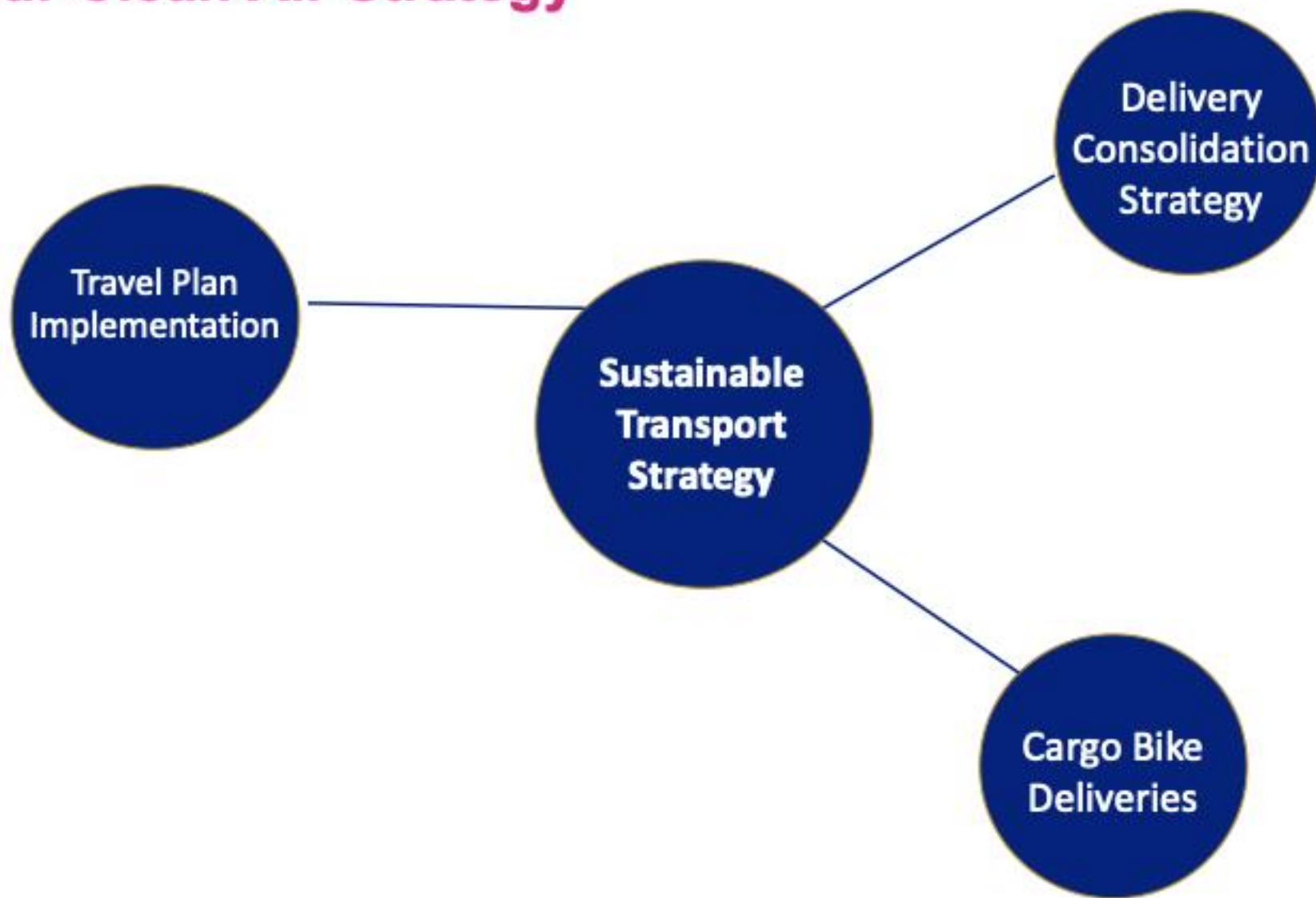
We are a progressive transport planning consultancy which specialises in **planning, analytics modelling** and **engineering**.

We work closely with clients and industry partners to create forward-looking solutions for the future city, with designing for people always at the centre of our work.



# Momentum Transport Consultancy

## Our Clean Air Strategy



# Momentum Transport Consultancy

## Cargo Bike Deliveries – Pedal Me



**What** has been delivered: Chairs, monitors, laptops.  
They can accommodate up to 300kg

**Where**: To employees that lives within the M25. Their cyclists can cover 70 – 80 miles a day

**Why?**

- Contribute to Zero Carbon London
- Reduce traffic congestion
- Quicker deliveries
- Promote active travel
- Direct business to customer deliveries

# Momentum Transport Consultancy

## Travel Plan Implementation



### Our mode share targets

Mode of Transport	Current Mode Share	1 <sup>st</sup> Year Target (%)	3 <sup>rd</sup> Year Target (%)	5 <sup>th</sup> Year Target (%)
Underground	34%	33%	32%	31%
Train	46%	44%	43%	42%
Bus	0%	0%	0%	0%
Motorcycle	0%	0%	0%	0%
Car	0%	0%	0%	0%
Taxi	0%	0%	0%	0%
Bicycle	15%	17%	18%	19%
On-foot	5%	6%	7%	8%
Total	100%	100%	100%	100%

We aim to increase our walking and cycle mode share.

We discourage the use of taxi and private vehicles to client meetings, this is also emphasised within our Healthy and Safety, Out of Office procedure.

We have capped taxi trips to **30 taxis** per year, between April 2019 – April 2020 we have 14 taxi trips!

### Our travel plan actions



Loan provided to purchase a bike through the Government Bike 2 work schemes



Provide sufficient cycle parking spaces in the office to accommodate 30% cycle mode share

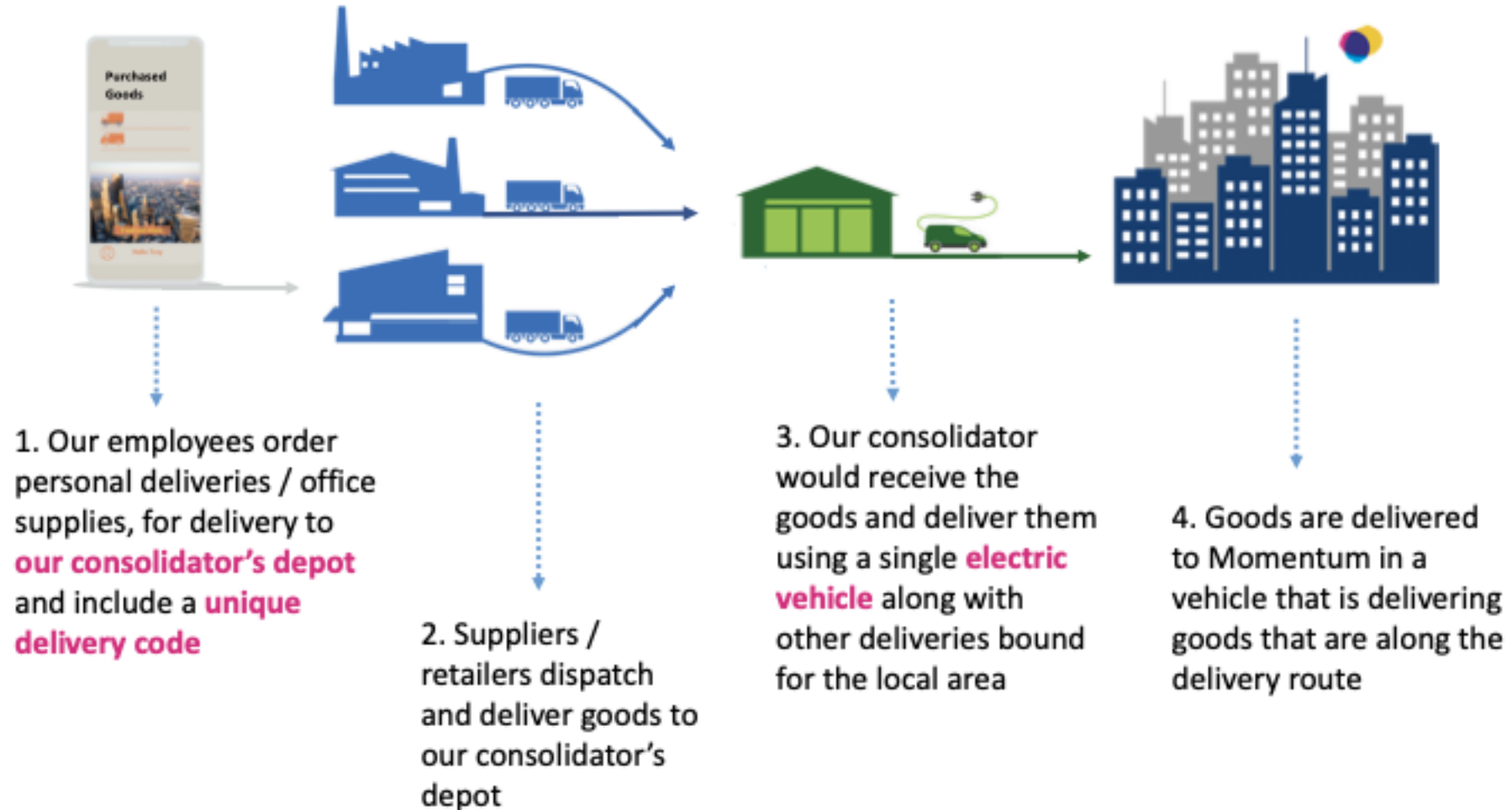


Provide a shared key fob for Santander Bikes



# Momentum Transport Consultancy

## Trialling Our Own Delivery Consolidation Strategy





# Momentum Transport Consultancy

## Delivery Consolidation Strategy - Benefits

- Reduce **vehicular traffic**
  - Reduce the amount of **kerbside loading / unloading**
  - Reduce **carbon emissions**
  - Reduce time spent receiving deliveries
- =**
- Safer, cleaner and pleasant**  
environment to work and do business in



Hatton Wall

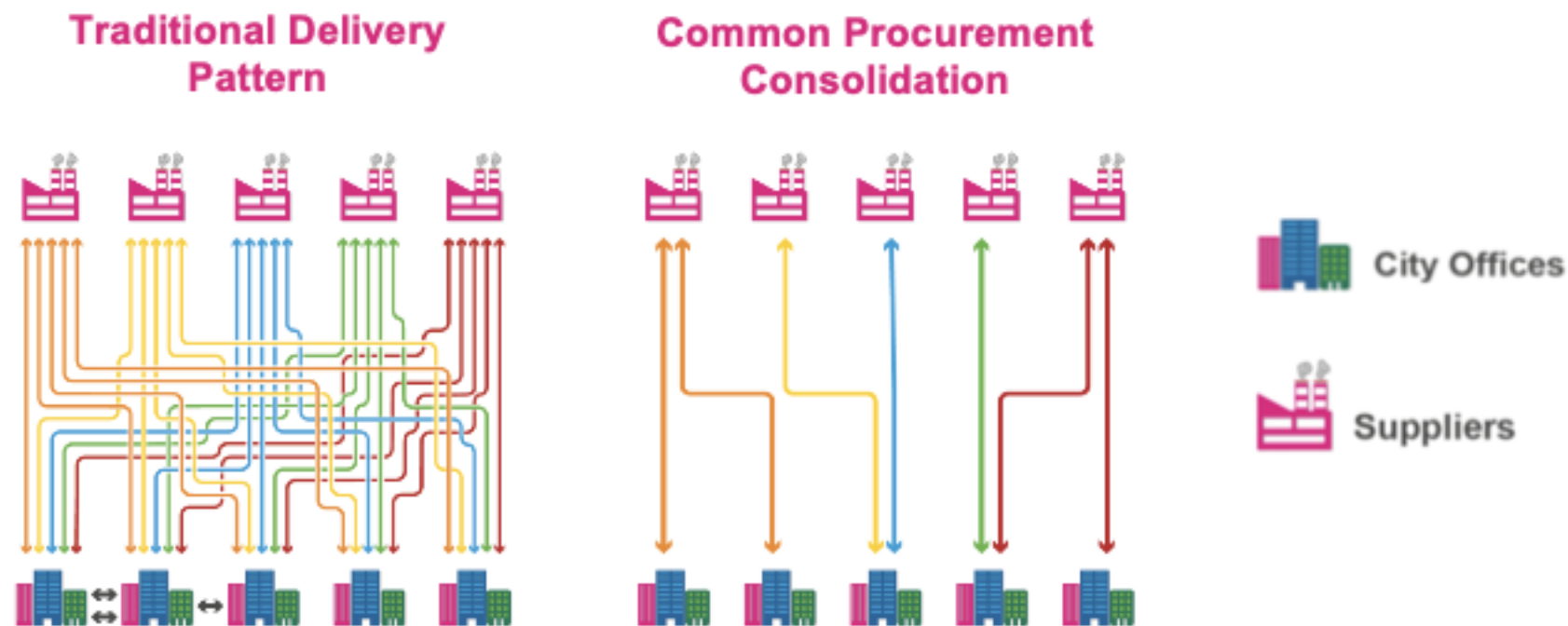


Leather Lane



# Momentum Transport Consultancy

## Next Steps – Potential Opportunities for Common Procurement within the Area



### Why?:

- Reduce the number of vehicular trips to the area
- Lower rates (due to bulk buying)



# Momentum Transport Consultancy

## Summary

We have been implementing various strategies to enable us to reduce our carbon footprint.

The benefits include:

- Better working environment
- Healthier lifestyle for our employees
- Encourage employees to be environmentally conscious



The way the world moves. By design.

**Thank you**



# Clean Air Villages Project

Kate Fenton

Project Manager



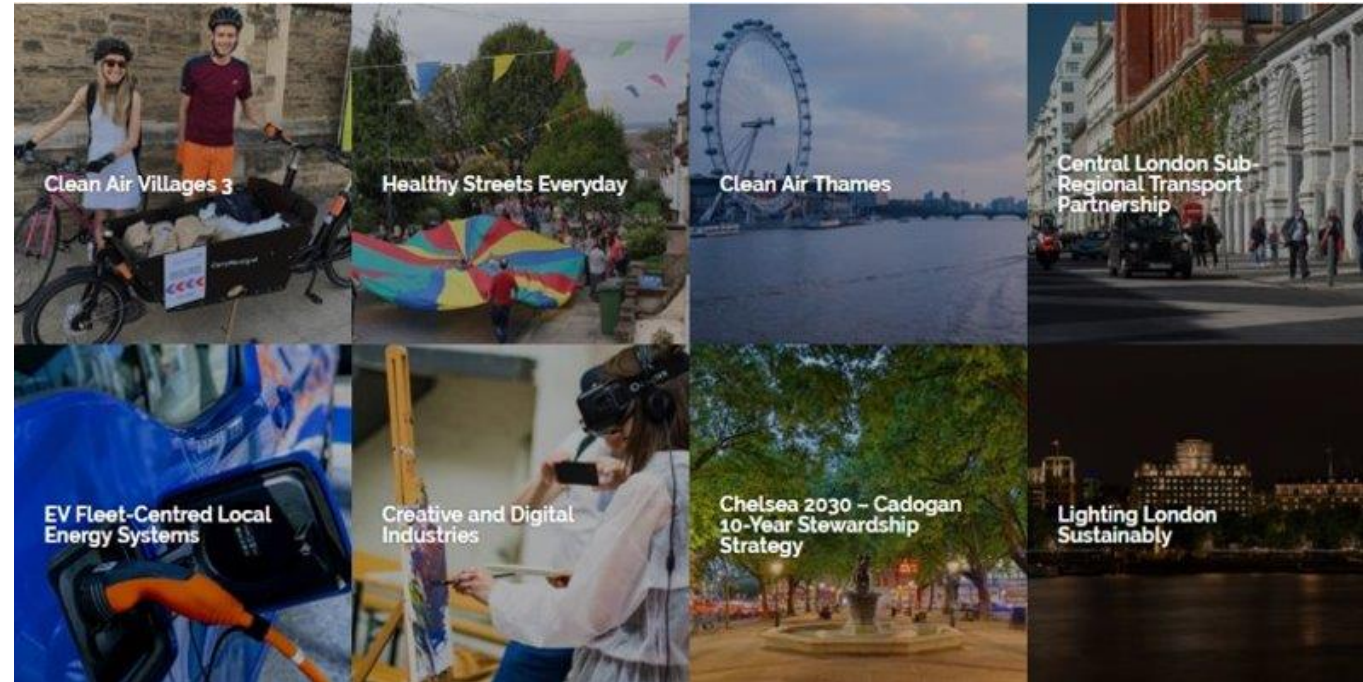
# Cross River Partnership



**Delivering London's Future Together**

*CRP's vision is to work with its partners to address the grand challenges of our time and shape the London of tomorrow. To be an inspiration for the city and its projects used as a blueprint for others to follow.*

*We are a test bed for new ideas and an exemplar of positive change for all - Delivering London's Future Together.*



*CRP's portfolio of current projects*

# What is Clean Air Villages 3

Clean Air Villages (CAV) is it's third year running, offering support to businesses, communities and the health sector in reducing their delivery-related emissions and services.

CRP is working with 16 'villages' within 12 boroughs have been identified by the [Greater London Authority](#) as areas of **high pollution and high footfall**.

The CAV Team is offering **1-2-1 support** to businesses in the these villages – with the aims of helping them reduce their emissions, while focussing on the dual benefits of improving air quality whilst also saving them time and money through more efficient operations.

Essentially, we're here to help YOU!





# Clean Air Villages 3 Locations

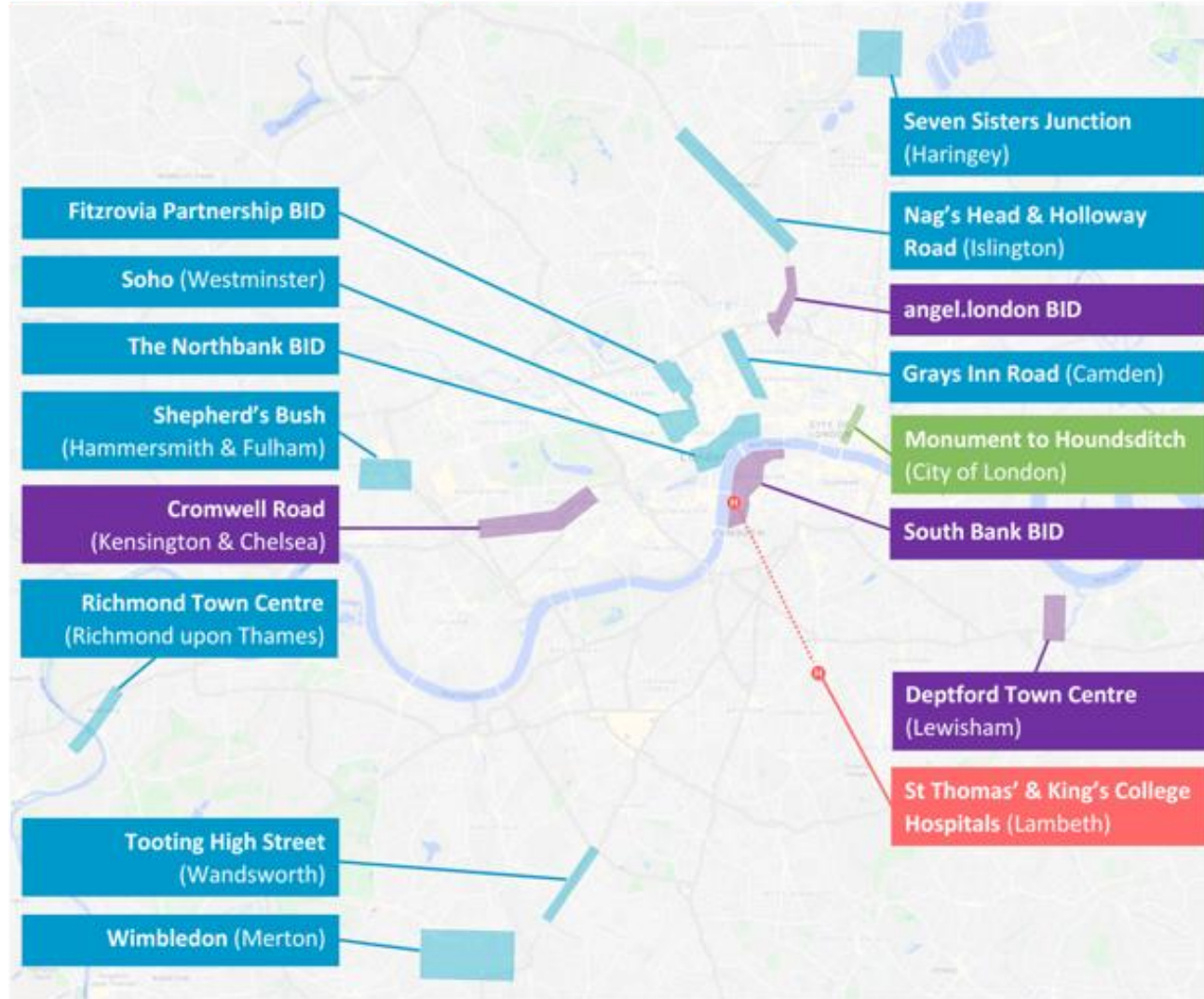
## Sector-focus

Business

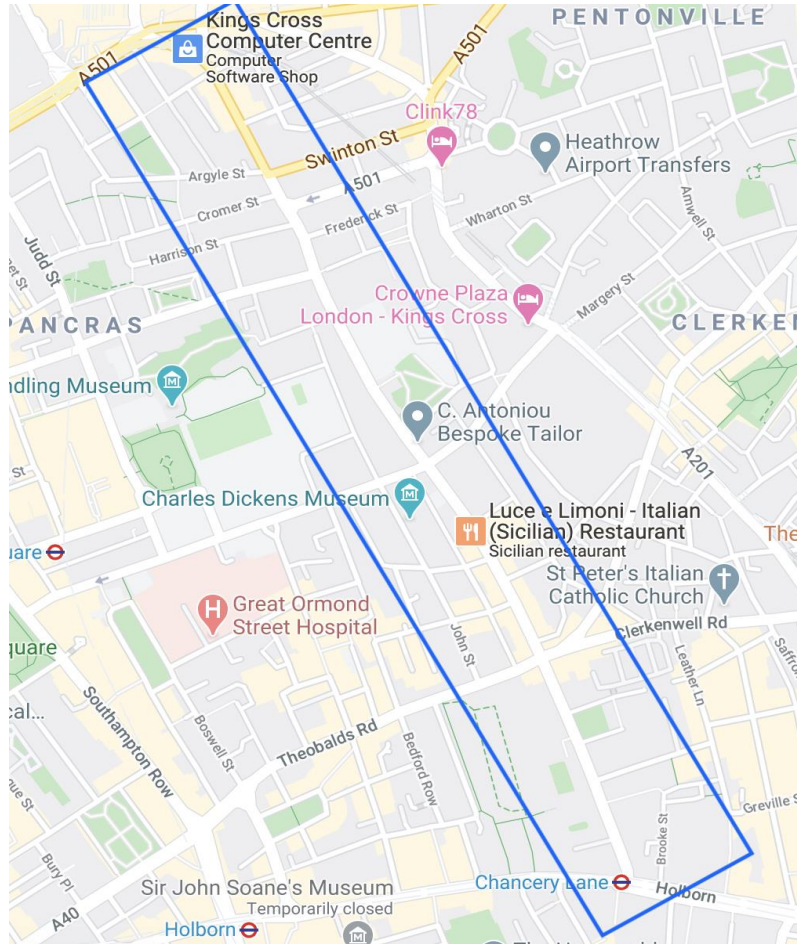
Communities

Hospitals

Business / Communities Hybrid



# Clean Air Villages – Grays Inn Road



## WHICH SOLUTIONS COULD WORK FOR YOU?



Switching to an electric vehicle



Consolidating your suppliers



Featuring on our CRP Clean Air Villages Directory



Using a cargo bike to deliver



Installing electric vehicle charging points



# PAVILION ROAD POWERED BY BIKE: ZERO-EMISSION DELIVERIES

Cadogan's journey to strive for a more sustainable future

*"Across the estate we are looking at more sustainable ways that we can support our tenants, and this trial on Pavilion Road is a great example of this."*

Steven Medway -  
Place Manager,  
Cadogan (Landowner)

## ISSUE



Demand for a local home delivery service



High level of pollution in the local area



Landowner seeking sustainable initiatives

## ACTION



Zero emission deliveries available via e-cargobikes



London Cheesemongers, on Pavilion Road, use the bike for new service

## RESULTS



525.8kg of CO<sub>2</sub> emissions saved per year

1.81kg of NO<sub>x</sub> emissions saved per year

53g of PM<sub>2.5</sub> emissions saved per year



The scheme complements the wider Cadogan sustainability journey



Home deliveries proved valuable during the Covid-19 outbreak

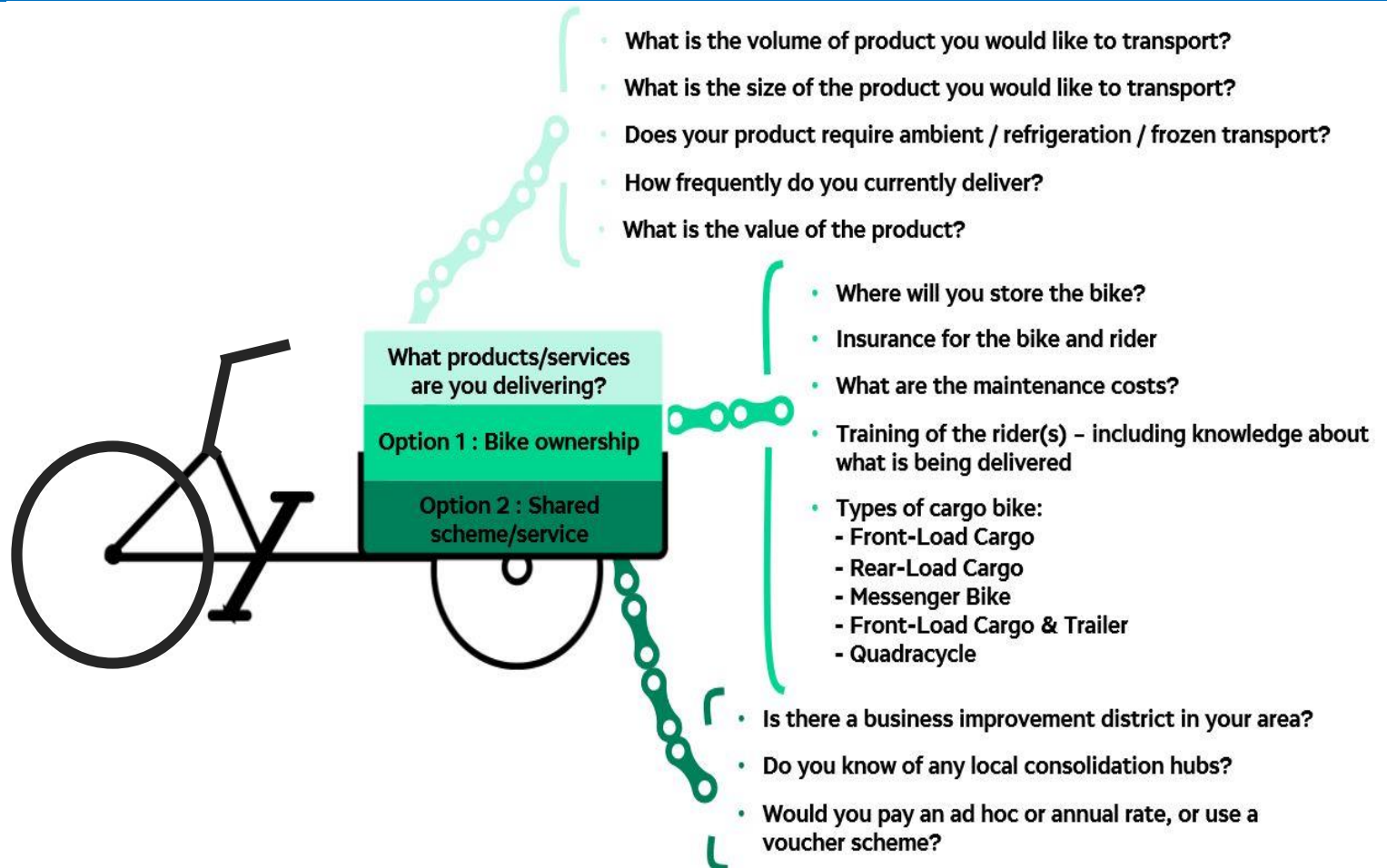


Customers can consolidate deliveries from multiple stores



Positive impact on air quality in the local area as part of Clean Air Villages

# Cargo-bike



# Camden Consolidation Hub

The North London Consolidation Centre was set up by London Borough of Camden to streamline the borough's procurement processes to all council managed buildings. London Borough of Islington later joined the scheme.

The hub is available for businesses to use for FREE.



# POLL

**Would your business be interested in any of the following?**

- A. Cargo-bikes, either leasing/purchasing one, courier service or a local shared scheme
- B. Deliveries consolidation and/or Camden's consolidation centre
- C. Electric vehicles, either shared or leasing/purchasing, or information on its financing
- D. None of the above

# Clean Air Villages Directory

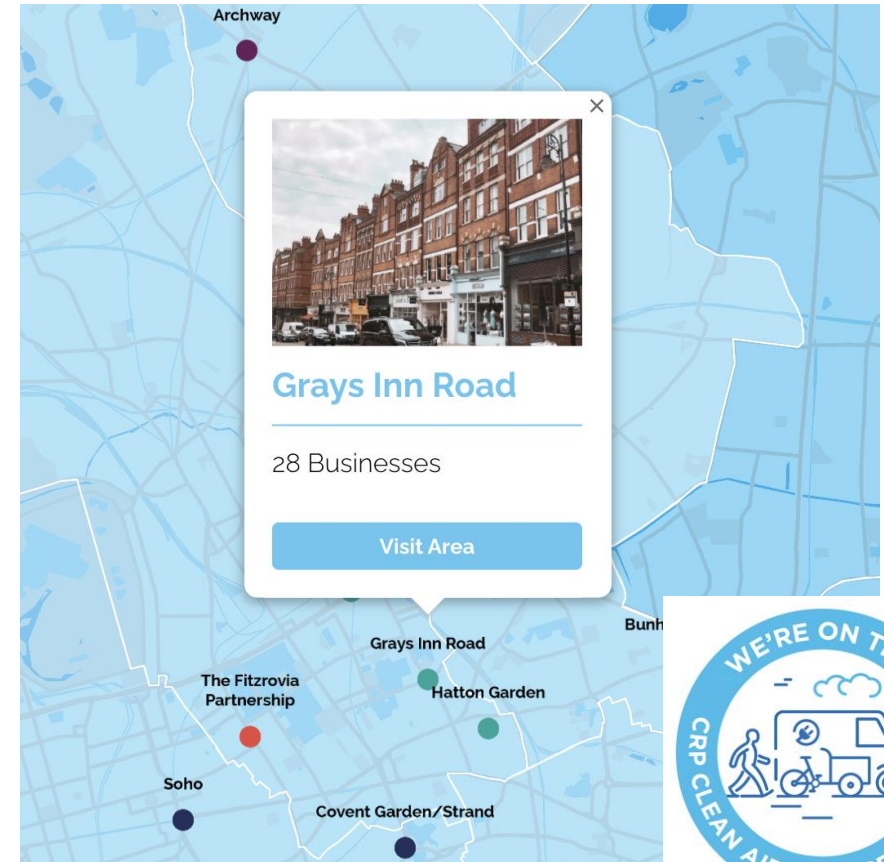
The CAV Directory lists businesses providing their services using low or zero emission methods:



These suppliers must guarantee they will use these methods **at least 80%** of the time when operating within the Clean Air Village concerned.

There's a dedicated directory for Camden on the CAV [website](#).

The directory helps makes it easier to ensure your suppliers and deliveries are ULEZ-compliant!



# DeliverBEST Tool

Simply answer ten quick questions to receive relevant suggestions that will help:



Meet your corporate social responsibility goals



Reduce costs and make your operations more efficient



Reduce the number of vans on our streets and improve air quality

# Clean Air Route Finder

Some streets have cleaner air than others!

Help your employees and visitors find the least polluted route to your business.

Taking a side street instead of a main road can help reduce your exposure to air pollution by half – and you might make some wonderful discoveries along the way!

You can subscribe to pollution alerts [here](#).



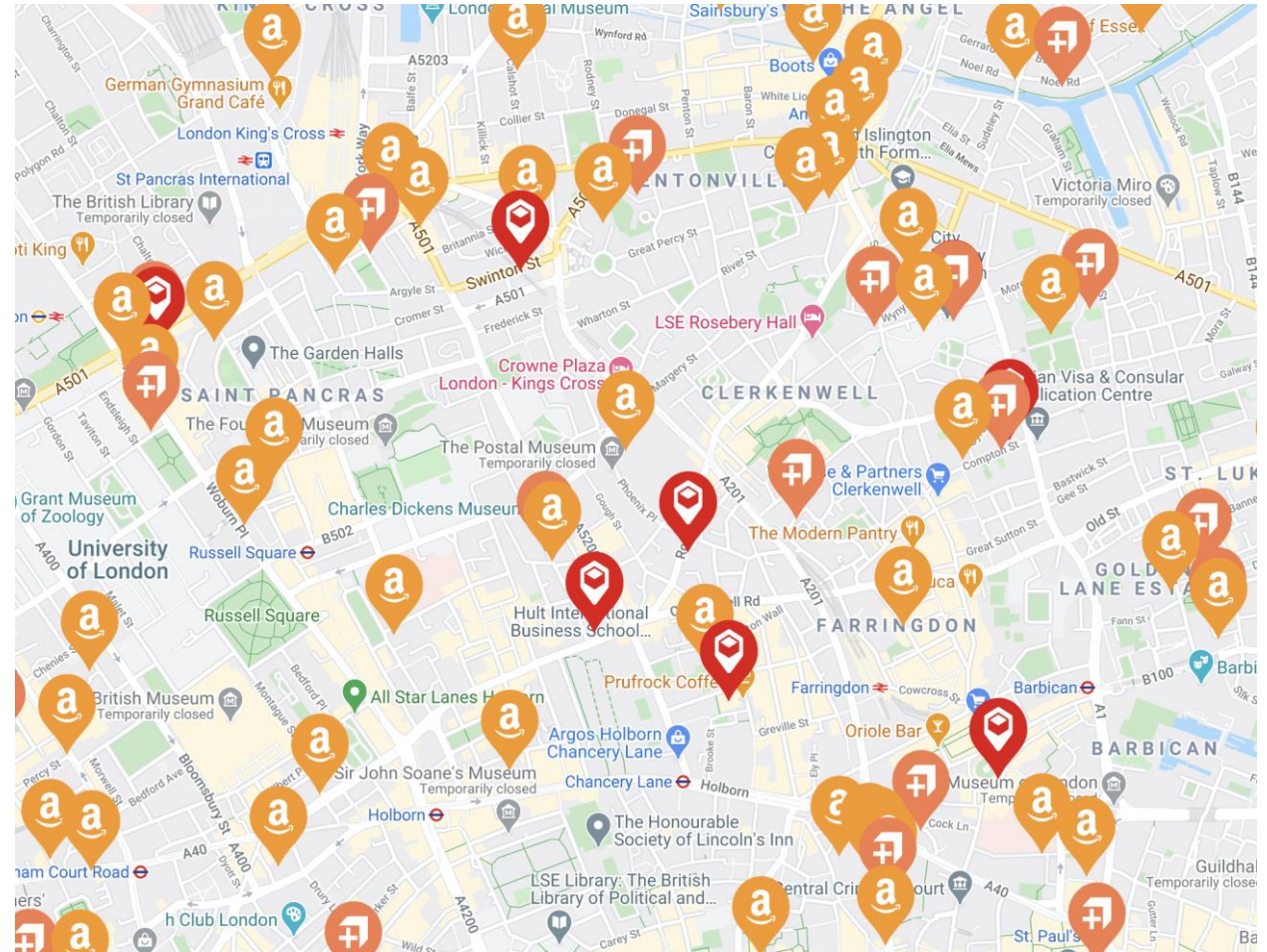


# Click.Collect.London

Find a nearby collection hub for your one-off deliveries to help reduce congestion and road traffic in the area.

Puts you and your employees in control of your deliveries as you can pick them up when convenient!

Check out click.collect options near you on the [CRP website](#).

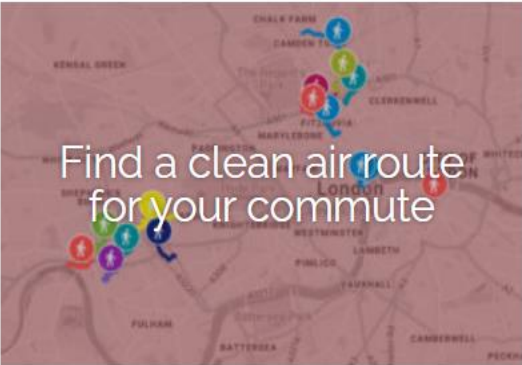


# CRP Website



Sign Up to Our Newsletter

CRP have developed an number of innovative online tools that can help keep air clean at the same time as supporting businesses.



# Q & A

Thank you!



**Gemma George**  
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