

FIRST MILE CHANGE TO LOW-EMISSION VEHICLES

BUSINESS CASE STUDY

Increase Waste Streams Whilst Minimising Impact on Air Pollution



"Whilst we help more businesses recycle their waste, we also continually look for ways in which we can reduce the number of vehicles on the road, and ensure that any vehicle we do have is as green as it can be."

Bruce Bratley (CEO, First Mile)

LOCAL ISSUE



Limited waste streams collected by businesses



High number of trucks used to collect the waste streams

ACTION



Consolidated waste collections and introduced reverse logistics



Technology used to optimise routes and monitor driver behaviour



Purchased electric vans and cargo bikes for fleet

RESULTS

38kg
of NOx **saved** per year, for every diesel vehicle changed to electric

£3,283
fuel costs **saved** per year, per switched vehicle

10
fewer HGVs on the road

also



Waste sorting hub relocated to London reduces distance traveled



Enables some businesses to achieve an 80% recycle rate



Saves over 60,000 tonnes of waste going to landfill annually



Over 20 waste streams now collected by fewer trucks

WHAT IS THE CLEAN AIR VILLAGES PROGRAMME?

A Central Government-funded programme which aims to **enable and support businesses to reduce emissions from deliveries of goods and services whilst saving them time and money**. The project is working across 10 air pollution hotspots – the 'villages' – within 5 London boroughs.

For more information, please see www.crossriverpartnership.org



VILLAGES

- Brixton
- Deptford High Street
- Fulham Town Centre
- Archway
- Earl's Court Rd & Warwick Rd
- Streatham Hill
- Lewisham Town Centre
- Shepherds Bush
- Bunhill / Old Street
- Ladbroke Grove & Westway



LOCAL SOLUTIONS

In partnership with local businesses and communities, localised solutions are being implemented to improve air quality. These include:

- Sharing suppliers with neighbouring businesses
- Switching to suppliers that use low or zero emission vehicles
- Reducing delivery frequency

PARTNERS

Cross River Partnership is proud to be delivering this DEFRA funded project and to be working with the following Local Authorities:



Emissions reductions are estimations based on data provided

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