



WS8: Monitoring the Programme

Air Quality & Noise Monitoring on Wandle Way



Project Overview

Cross River Partnership (CRP) have partnered with EMSOL and the London Borough of Merton to address the pressing issue of pollution and dust emissions from an industrial estate in the Wandle Way area of the London Borough of Merton.

The six-month project will leverage EMSOL's advanced emissions monitoring technology to assess the severity of the air quality and noise pollution problem in Wandle Way. By deploying air quality and noise sensors and analytics, EMSOL, CRP and the London Borough of Merton will gain valuable insights into the levels of particulate matter and nitrogen dioxide in the area, enabling a data-driven approach to tackling this environmental challenge.

The Need for Evidence

CRP and the London Borough of Merton commissioned 2 air quality and noise sensors for 6 months, at the north and south end of Wandle Way in the Willow Lane Business Improvement District area. Air quality was a known challenge in this industrial site, with a number of construction, waste and manufacturing sites transport heavy, raw materials, waste and soil. However, there has been a need to evidence the particulate matter and nitrogen dioxide (NO2) problem with data against current air quality standards to support local businesses in reducing their air quality impact.

Did you know?

In May 2024, there were 122 NO2 and 63 PM10 breaches at the South Zone Wandle Way Sensor.

Interested in CRP's Monitoring Services?

Get in touch to find out how we can help!

Ross Phillips, CRP Sustainable Transport Manager
rossphillips@crossriverpartnership.org

Impacts & Next Steps



EMSOL have been analysing the data against UK and WHO thresholds for PM2.5, PM10, NO2 and noise, showing average levels and spikes that trigger air quality and noise alerts, and attributing these to local causes.



CRP and London Borough of Merton have engaged with local stakeholders, including the Willow Lane BID, to understand the problem and provide data to demonstrate the challenge.



EMSOL, CRP and the London Borough of Merton have engaged with the Environment Agency, to support with enforcement mechanisms for businesses in the area to comply with air quality standards.

"We are thrilled to collaborate with Cross River Partnership on this important project. By combining our expertise in emissions monitoring with CRP's deep understanding of local sustainability issues, we aim to shed light on the pollution challenges faced by the Wandle Way community and develop effective strategies for mitigation."

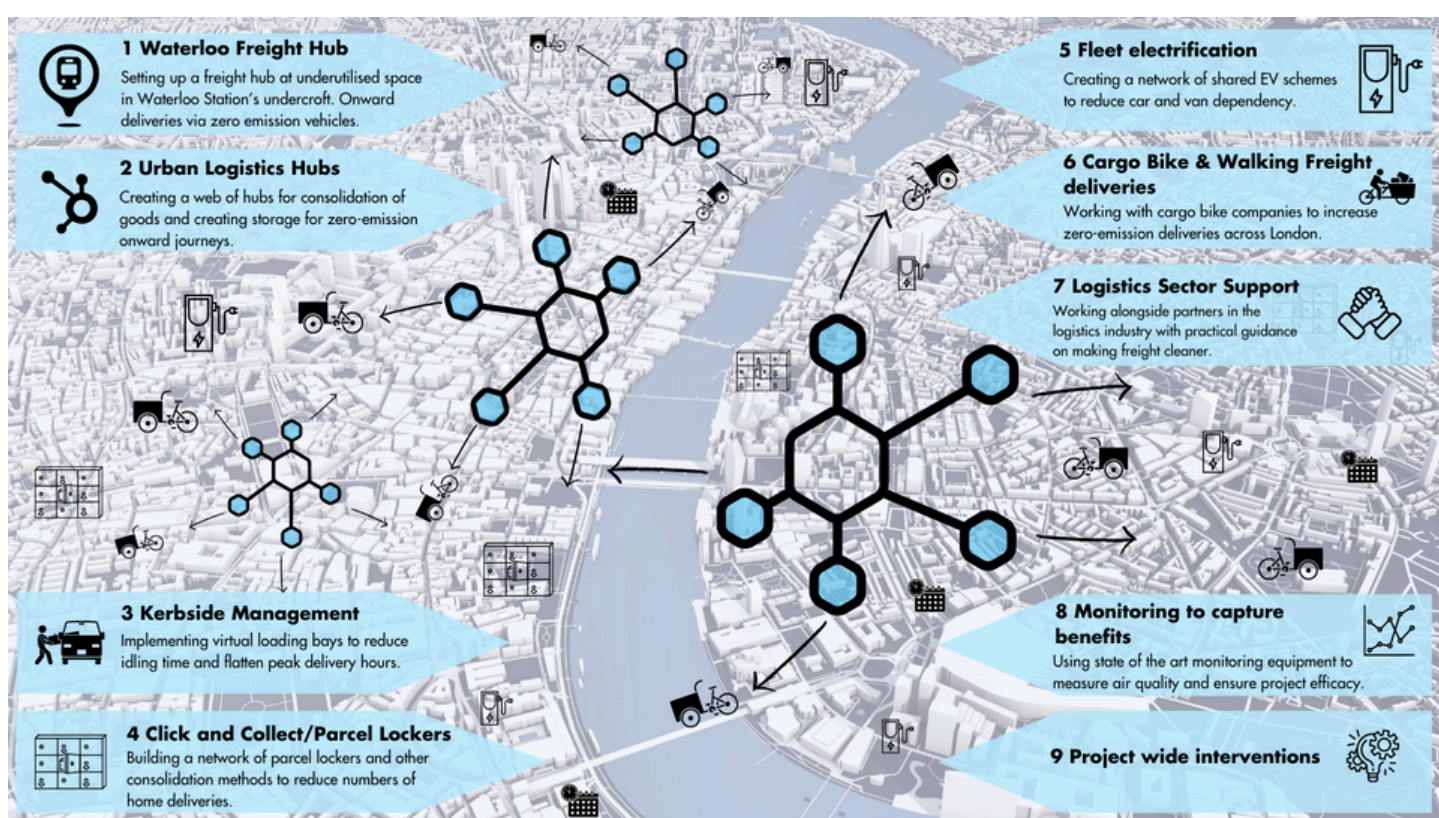
Freddie Talberg, CEO, EMSOL

What is 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 will build on the success of CRP's Clean Air Logistics for London (CALL).

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.

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Project Partners

Cross River Partnership is proud to be working with the following Local Authorities and other partners.



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crp@crossriverpartnership.org