

Camden's Clean Air Action Plan 2019-2022

Air Quality In Camden

Camden is an Air Quality Management Area (AQMA) because we currently do not comply with the air quality objectives for nitrogen dioxide (NO₂).

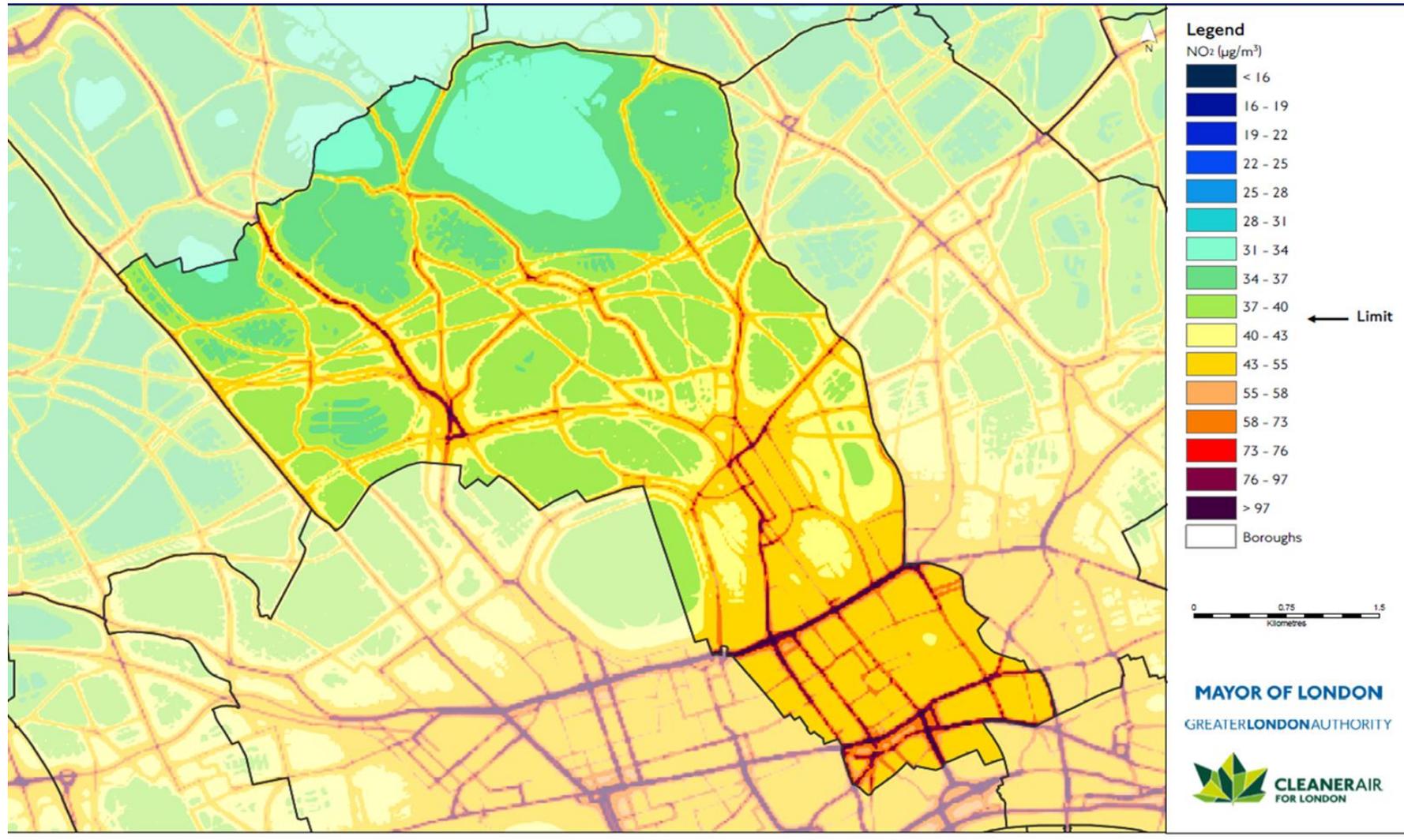
We have a statutory requirement to create an action plan that provides measures aimed at reducing pollution levels and complying with the air quality objectives.

Camden has committed to meeting the World Health Organization (WHO) guidance values by 2030. These values are stricter than the legal values that we have to comply with.

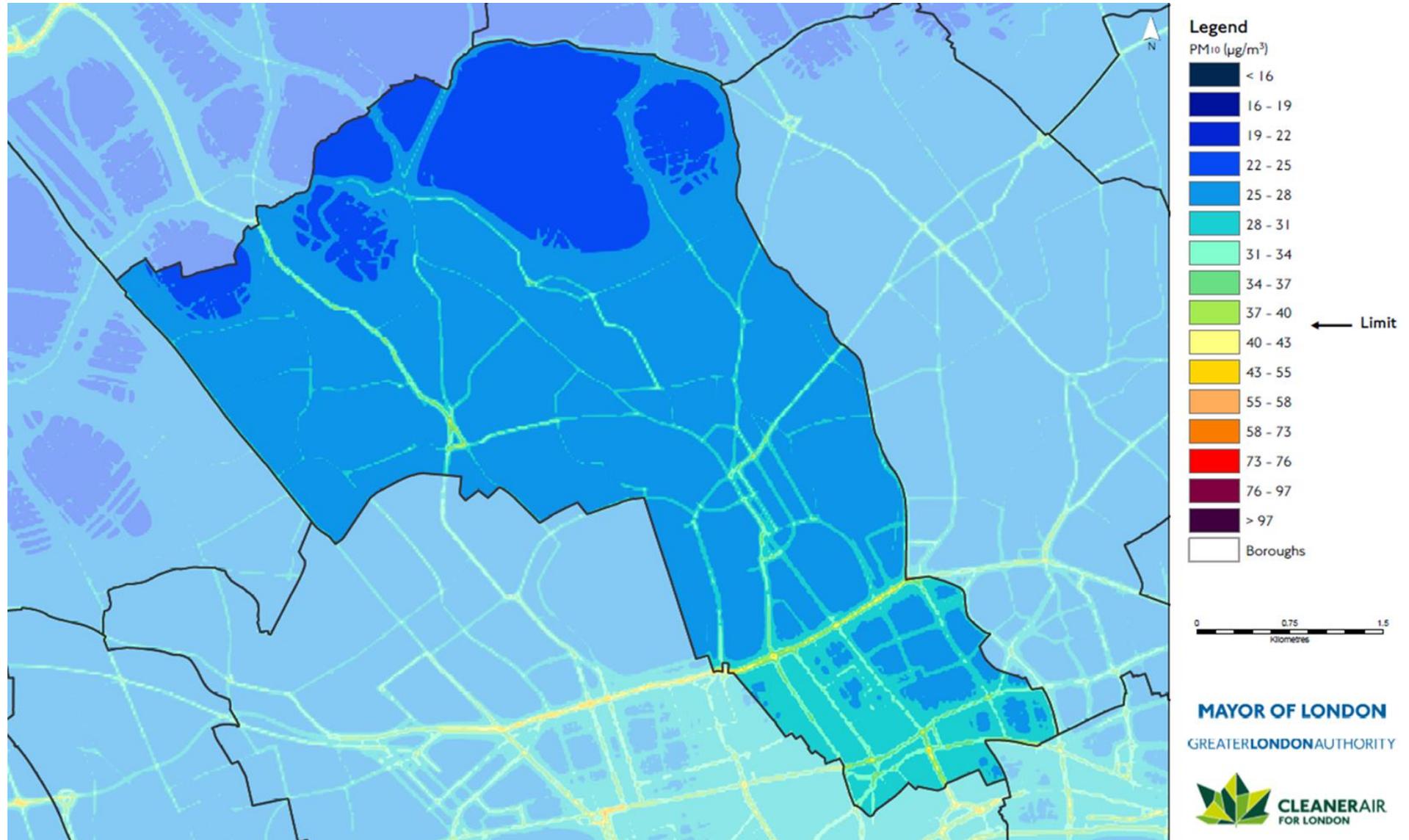
Air Quality Objectives vs WHO Guidance Values

	NO₂	PM10	PM2.5
EU/UK Air Quality Objectives	Annual mean: 40µg/m ³	Annual mean: 40µg/m ³	Work towards reducing emissions/concentrations of fine particulate matter (PM2.5)
	Hourly mean: 200µg/m ³ not to be exceeded more than 18 times a year	50µg/m ³ not to be exceeded more than 35 times a year	N/A
World Health Organisation Guideline Values	Annual mean: 40µg/m ³	20µg/m ³ annual mean	10µg/m ³ annual mean
	Hourly mean: 200µg/m ³	50µg/m ³ 24-hour mean	25µg/m ³ 24-hour mean

Annual Mean NO₂ Concentrations



Annual Mean PM₁₀ Concentrations



Impacts of Air Quality in London



9000+
LONDONERS

die early every year
because of air pollution

In Camden, 7.6%-8.0% of
premature deaths are due to air
pollution



£3.7
BILLION

the cost of air pollution
to London's economy



20%
PRIMARY SCHOOLS

are in areas that breach the legal
limit for NO₂ (air pollution)

In Camden, 87 out of 112 schools
are in areas that breach the legal
limit

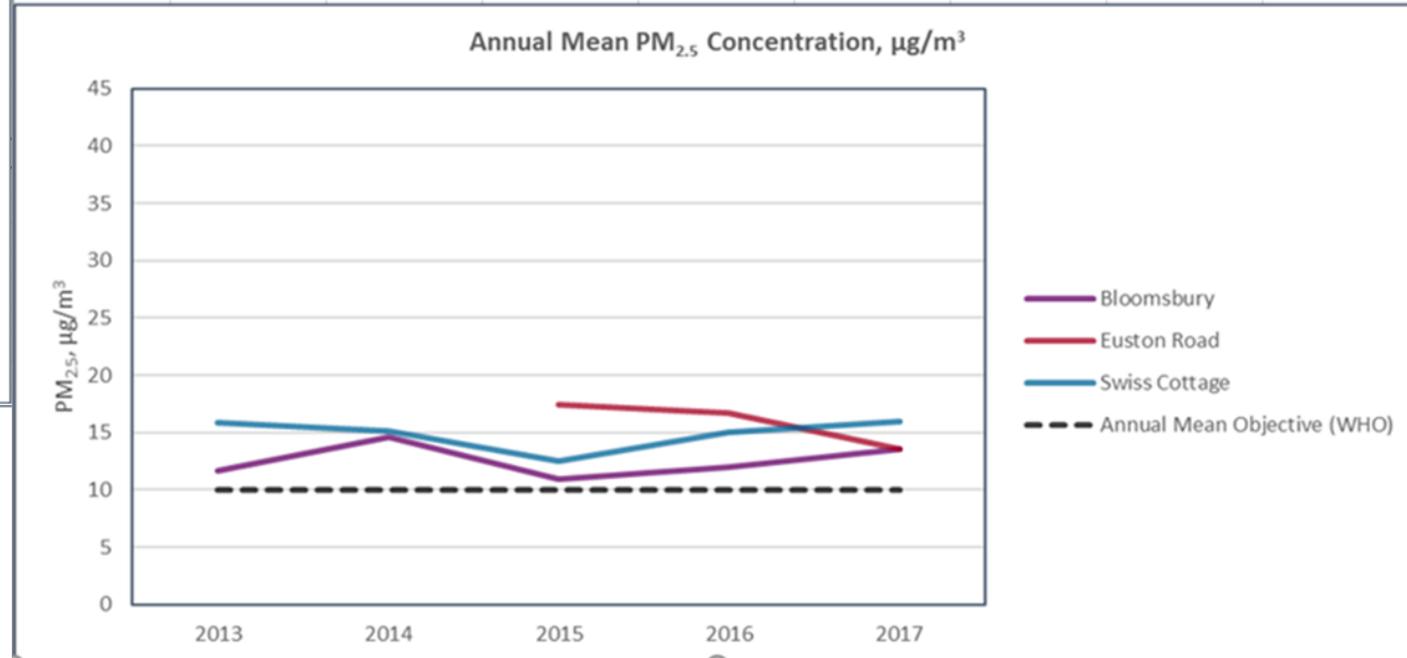
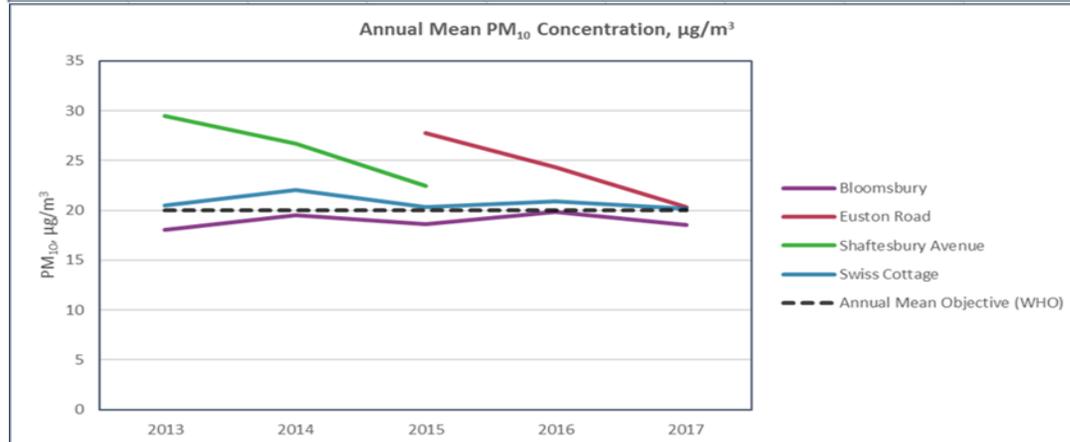
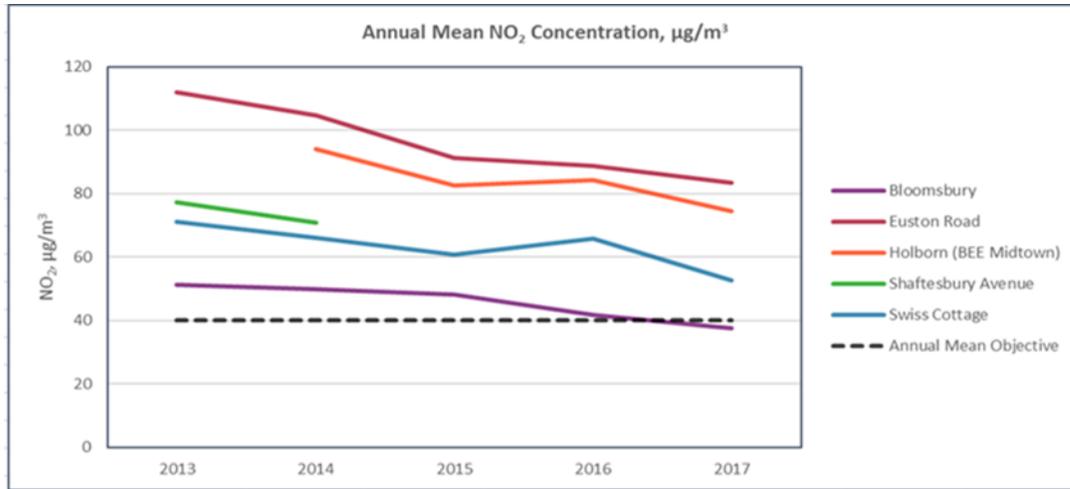


2x
AS LIKELY TO DIE

from lung diseases if you
live in deprived vs affluent
areas of London

Pollution Trends in Camden

Although pollution levels have decreased in Camden over the years, the majority of our monitoring confirms that Camden is not meeting the NO₂ air quality objectives. Additionally, our PM_{2.5} monitoring suggests that concentrations of this pollutant is increasing.



Aims of 2019-2022 Clean Air Action Plan

A long-term approach to target World Health Organization (WHO) guidelines by 2030. This plan is the first of three to 2030.

Create an Action Plan that is co-designed with the wider Camden Community and has actions that are owned not just by the council, but also by those who contribute to pollution in Camden and have the ability within their sectors to influence change.

Camden Clean Air Partnership Composition

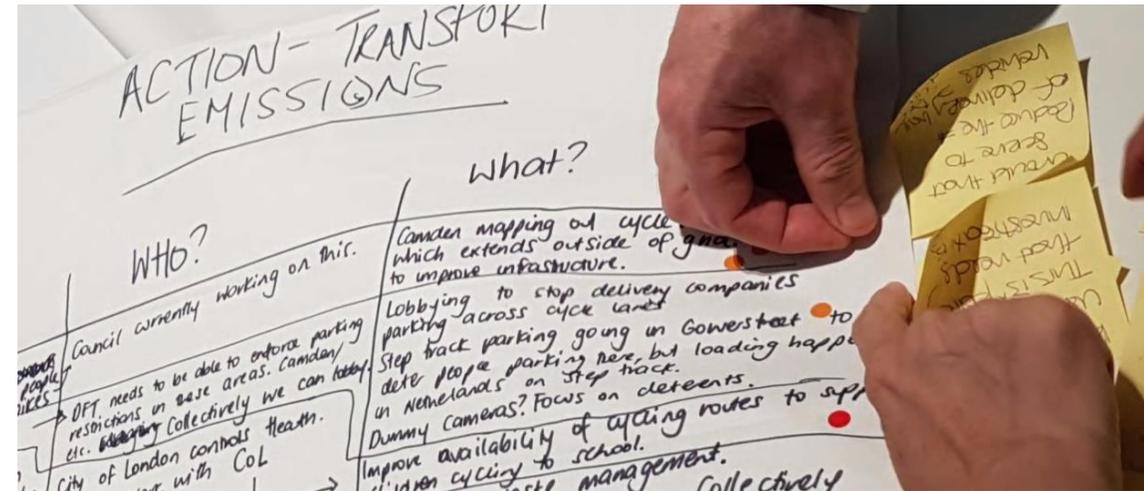
Zone	Representation
North	<ul style="list-style-type: none">• Resident Association• Camden Air Action• School
Mixed centre	<ul style="list-style-type: none">• Construction firm• University• TfL• Somers Town representative
Inner	<ul style="list-style-type: none">• Business/BID• Taxis• GLA

Design Day – 9 July 2018

Camden and University College London brought together representatives from sectors that have an influence on air quality together with schools and community groups for a Clean Air Design Day to begin the development of the new Clean Air Action Plan for Camden.

Key themes covered on the Design Day included:

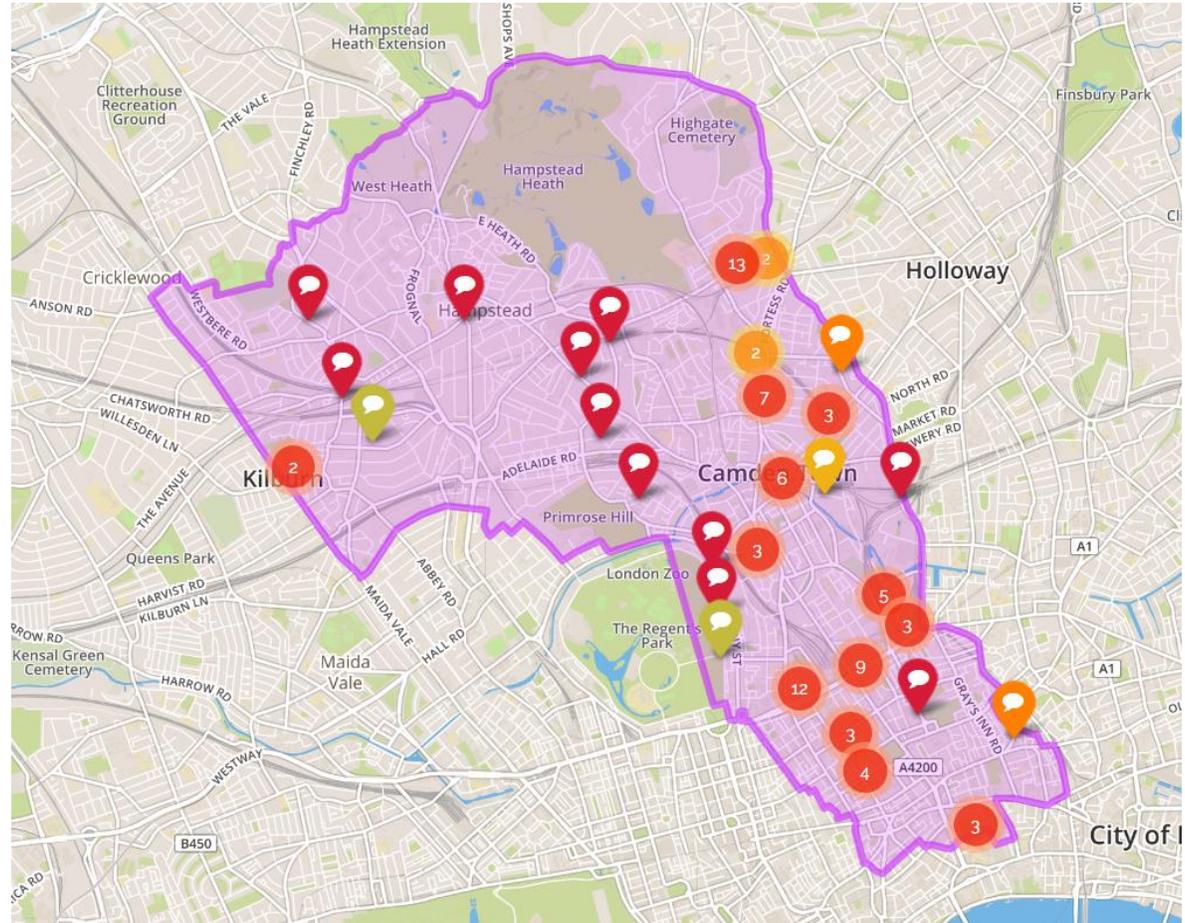
1. Transport emissions
2. Construction and development emissions
3. Public health and awareness raising
4. Delivery, servicing and freight
5. Communities and schools
6. What can you do to help improve local air quality?



These actions were then placed on an online platform for the wider Camden community to comment on.

Commonplace engagement – Summer 2018

- Over 750 people visited the site to review the Design Day ideas for the new Clean Air Action Plan
- Over 300 commented and 140 committed to take personal action to improve air quality



An Action Plan That is Owned by Everyone

Over 20 actions within the plan will be delivered by organisations:

- UPS - Power supply upgrade and installation of Smart Grid technology at the Kentish Town UPS depot to support the electrification of UPS's central London fleet of 170 vehicles.
- University College London - to deliver a logistics plan for the Bloomsbury campus, consolidating deliveries and reducing vehicle emissions and congestion.
- Euston Town BID – To create a green walkway on North Gower St and a cleaner air walk from Euston Station to Regent's Park along Drummond Street and Longford Street.
- Great Ormond Street Hospital - To produce and promote a Clean Air Hospital Framework for use by other NHS and public Health based organisations

Draft Clean Air Action Plan

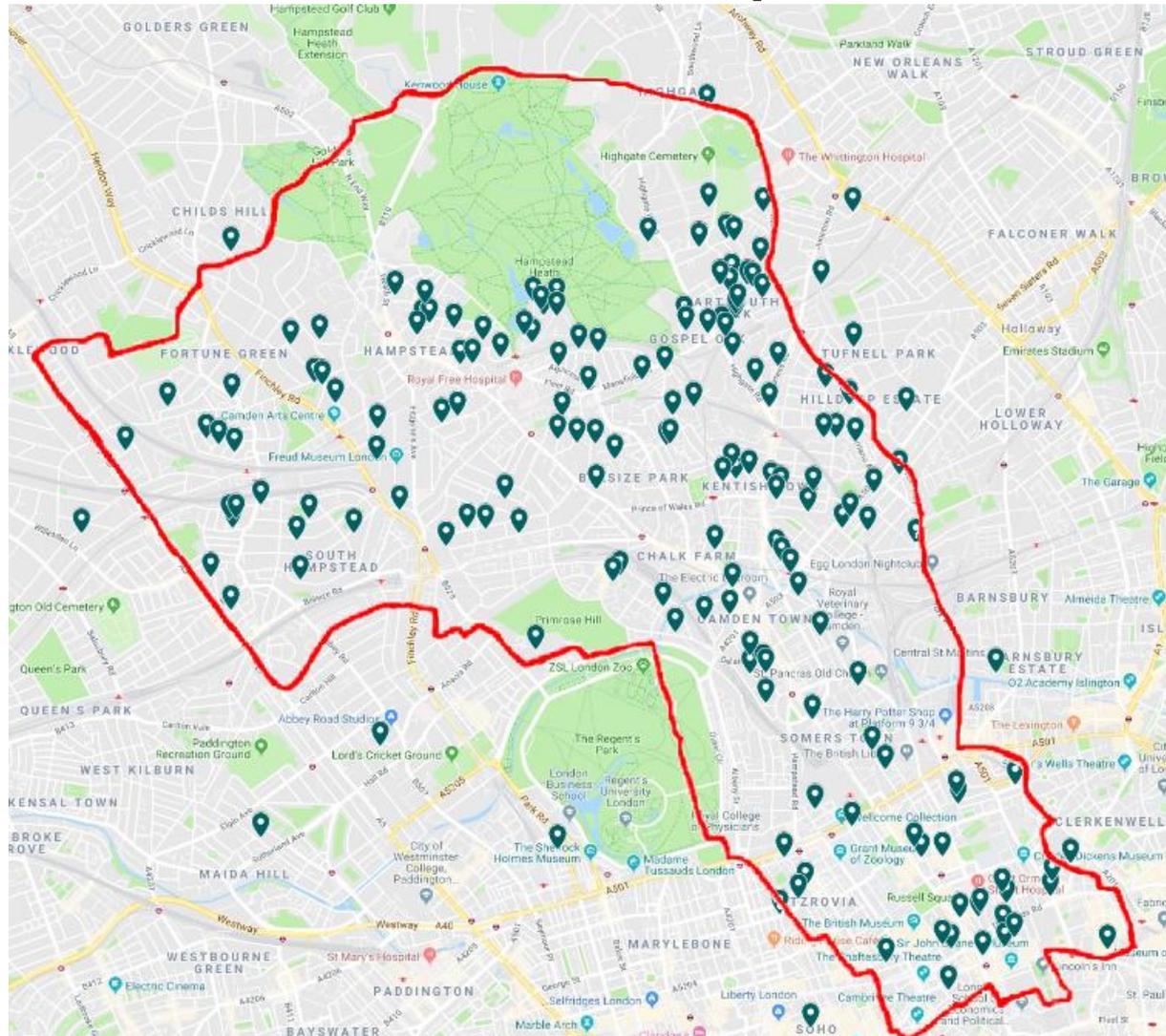
Organised around seven themes:

- Reducing construction emissions
- Reducing building emissions
- Reducing Transport emissions
- Supporting communities and schools
- Reducing emissions from servicing, deliveries and freight
- Continuing public health and awareness raising
- Lobbying

Consultation Responses

- The consultation ran from 4 January to 15 February 2019 on the Council's consultation hub "wearecamden"
- 356 responses were submitted via our online consultation and 21 responses sent via mail and email. These responses were in addition to the 750 residents and groups that contributed to the development of the consultation draft.
- Overall the CAAP and its actions have been well received, with the level of support across all the proposed actions averaging 72% from the 356 who responded to the online consultation.

Consultee Responses



Using the WHO Study to Test Our Measures

As part of the WHO study, we tested certain actions within our Action Plan and Transport Strategy these included:

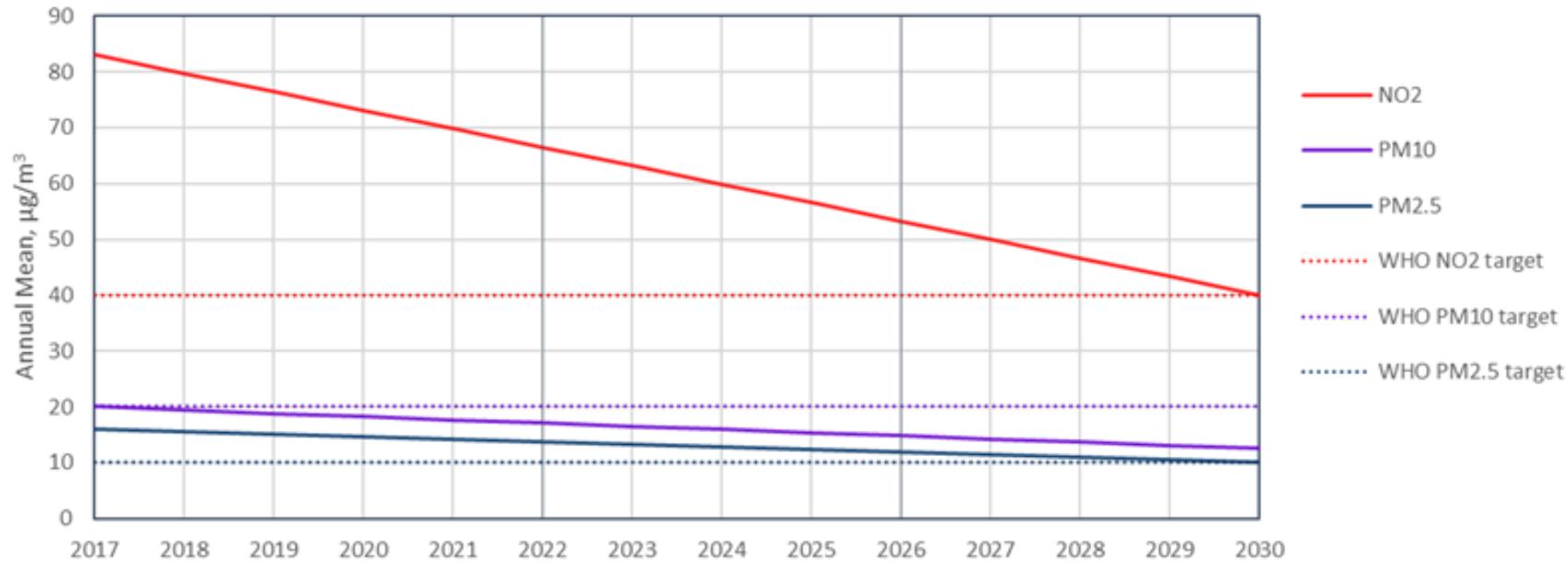
- A reduction in road transport traffic levels for all vehicle types (except Transport for London buses) on all roads within Camden
- Removal of all domestic wood burning within Camden

The study also helped us identify measures outside of our direct control that could be influenced by lobbying such as:

- Lobbying government to phase out diesel trains
- Lobby government to reduce the amount of biomass burning throughout the UK, and avoid coal-to-biomass power plant conversions for decommissioned coal power stations.

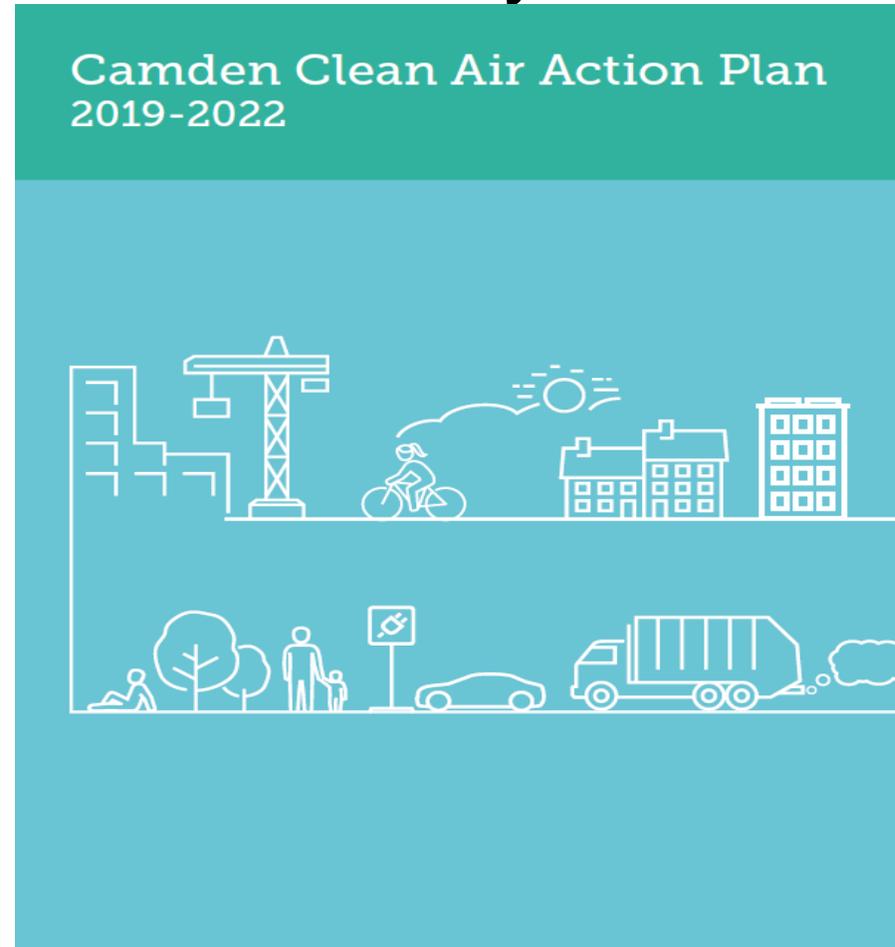
Setting Targets Based on the WHO Study

Pathway to WHO Compliance: NO₂, PM₁₀ and PM_{2.5}



<i>Interim targets: Annual mean concentration, $\mu\text{g}/\text{m}^3$</i>			
Pollutant	2022	2026	2030 (WHO compliance)
NO₂ at Euston Road	66.5	53.2	40
PM₁₀ at Euston Road and Swiss Cottage sites	17.1	14.8	12.5
PM_{2.5} at Swiss Cottage sites	13.7	11.8	10

Camden's 2019-2022 Clean Air Action Plan is Out Today



**CLEAN AIR
FOR CAMDEN**

 Camden