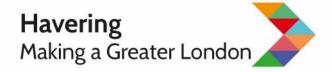




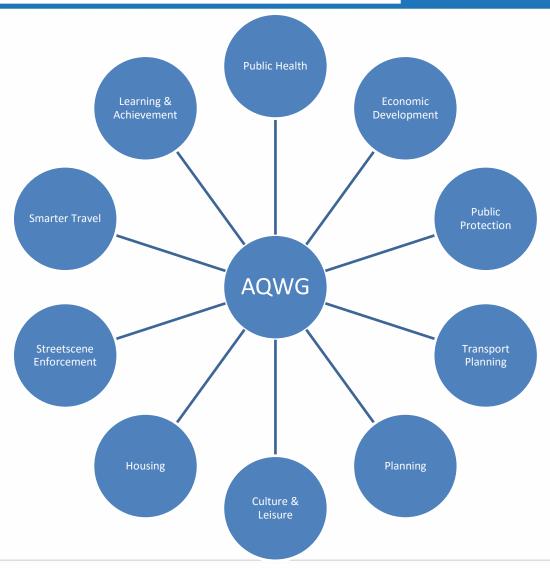
Air Quality

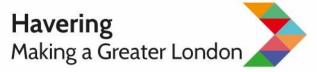
Environment Overview & Scrutiny Sub Committee 9th May 2016



Air Quality Working Group







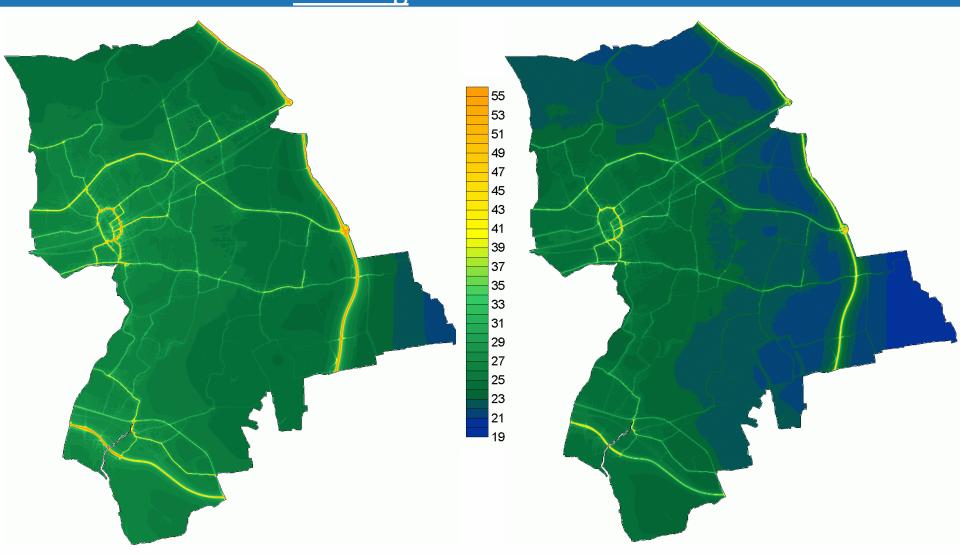
Public Protection Role

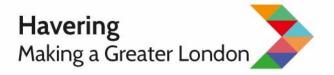


- Manage the AQ Monitoring Network and modelling programme.
- Lead on compliance with relevant legislation and key contact for the GLA & Defra.
- Co-ordinate, publish and maintain the Clean Air Action Plan (CAAP).
- Chair the AQWG and co-ordinate project delivery (including implementation of the CAAP) for all stakeholders.
- Co-ordinate implementation of LiP funded projects for AQ.
- Source funding for AQ projects in partnership with other stakeholders.

Modelled Levels of Nitrogen Dioxide (NO₂) for Havering



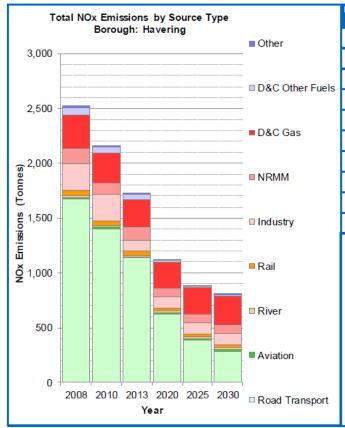






London Atmospheric Emissions Inventory

NOx Emissions - Havering



Emissions (Tonnes) bv	2008	2010	2013	2020	2025	2030
Road Transport	1,673	1,405	1,136	623	385	284
Aviation	17	12	13	15	17	19
River	12	12	9	10	12	13
Rail	46	42	40	31	31	31
Industry	247	247	101	101	101	101
NRMM	137	102	121	80	78	78
D&C Gas	309	275	251	237	241	262
D&C Other Fuels	66	52	46	20	14	12
Other	19	16	12	10	5	- 11
Total	2,526	2,163	1,728	1,127	883	810

Notes:

(D&C = Domestic and Commercial)

The summary graph represents emissions from each source stacked on top of one another, with the total stack height equalling the total emissions from all sources.

The numbers in the table are those used to plot the graph and represent the tonnes of pollution emitted into the atmosphere in that year (T/y).

The emissions are combined into reasonably self explanatory "Source Types".

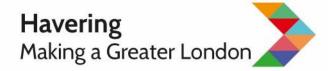
How ever, the categories: "Industry", "NRMM" and "Other" require further explanation:

- Industry: is the total emission from Part A and Part B industrial processes, combined.
- Non-Road Mobile Machinery (NRMM): is the total emissions from construction and industrial off road machines, combined.
- Other: is the total emission from a number of small sources including: agriculture, outdoor fires, garden emissions, forests, waste and waste transfer sites, combined.

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MAYOR OF LONDON



Clean Air Action Plan



Project Type	No. Of Projects		
Greening/Planting	4		
Infrastructure	10		
Awareness Raising	4		
Targeting Vulnerable Groups	2		
Reducing Councils Contribution to Poor Air Quality	7		
Business Engagement	4		
Sustainable Travel	8		
Statutory Duties	3		
Monitoring	1		



Support of Business & Development



Creation and adoption of a new AQ Conditions, including;

Mitigation Condition – this saves businesses and developers time & money from the outset. No requirement for an AQ Assessment (if one hasn't been provided with the planning application) if the development has been identified in a poor air quality area, mitigation measures are put in from the beginning and maintained until the local air quality is improved.

Greening Projects











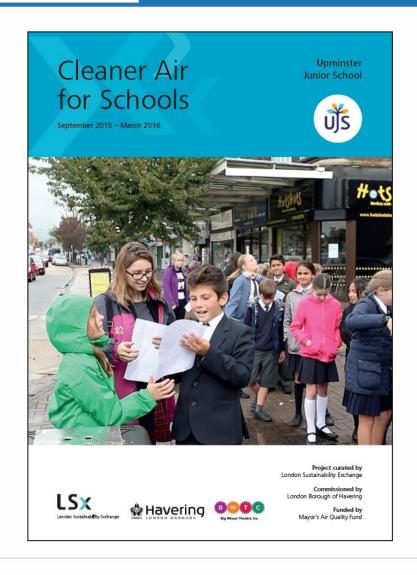


AQ Education Programme









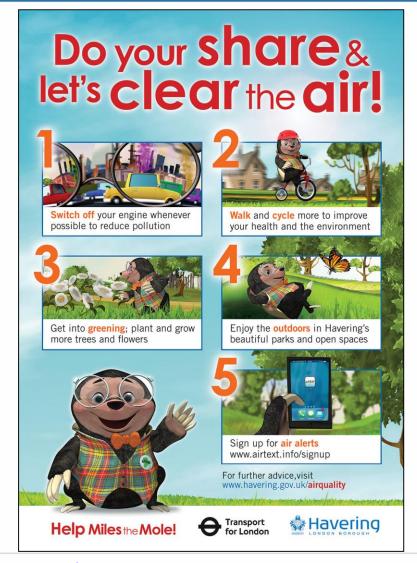


AQ Champion & Campaign











https://www.youtube.com/watch?v= gQHVmLeNfw

Business Pack



Provides businesses with information, advice and contacts on;

- SmarterTravel
- Electric Vehicles,
- Waste & Recycling
- Cycling
- Ultra-Low Emission Vehicles
- Air Quality & airTEXT







Possible Future Projects



- Expansion of the AQ Education Programme to all Primary Schools in the Borough;
- Creation of an AQ Education Programme for Secondary Schools;
- Business AQ Campaign;
- Continuation of using the planning system to improve local air quality in new major developments



Thank you Any Questions...

