



Low Emission Construction Partnership Update

NRMM Seminar

17th March 2016

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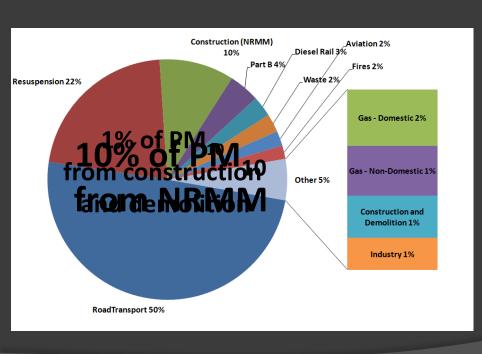


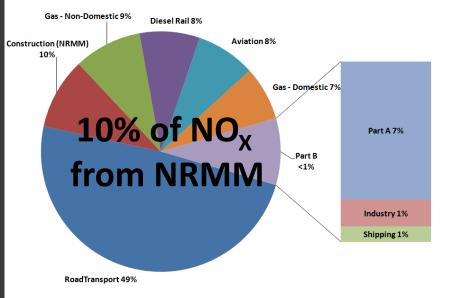




Why are construction emissions important?

London Atmospheric Emissions Inventory 2010





What is the London Low Emission Construction Partnership?

- Mayors Air Quality Fund project
 - Apr 2014 Apr 2016

Objectives

- Raise awareness in the construction industry of its impact on local air quality.
- Improve pollution monitoring and make this data available for construction sites in London.
- Help to fund 'best in class' abatement measures at construction sites and encourage the uptake of pollution reduction measures.
- Create 'evidence base' and evaluate the cost effectiveness/benefit for different pollution abatement techniques.

Raising awareness...





LLECP Website

llecp.org.uk

What is my legal requirement?

From September 2015 the London Mayor will introduce new standards to reduce pollution emissions from the construction industry with tighter standards proposed for the start of the London Ultra Low Emission Zone in 2020.

Read more.

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Advice

NRMM

Projects

Resources

Contact

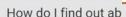
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MAYOR OF LONDON

Working together to build a cleaner London







London Low Emission **Construction Partnership**

LONDON LOW EMISSION

The London Low Emission Construction Partnership (LLECP) is a collaboration between the 'Cleaner Air Boroughs' in central London and King's College London. The project is funded by the Greater London Authority (GLA) and aims to reduce emissions from the construction industry.

Read more.

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Air Pollution Forecast

Today

More information and health advice

Tweets

Construction Dust UK @ConstructDu New #NRMM #emission standards of #London from September 2015 - are #construction pic.twitter.com/9z/Ec) Show Photo



#Air #Pollution Linked To Stroke: Hig May Narrow The Arteries medicaldai #construction #health @TheBHF

London Low Emission Construction Partnership







Project manager



Working together to build a cleaner London



Local resident



Local authority

How do I find out about...



Health advice





Outreach

- Ilecp.org.uk
 - 1200 unique visitors since the launch in July
 - 5:27 average session duration
- @ConstructDustUK
 - >1000 followers within the target industry
 - >1600 tweets
- Meeting people
 - 14 large developers
 - 6 conference presentations
 - 200 Project brochures delivered to developers, construction sites and local authorities



Success?





Improve pollution monitoring

Resources

Contact



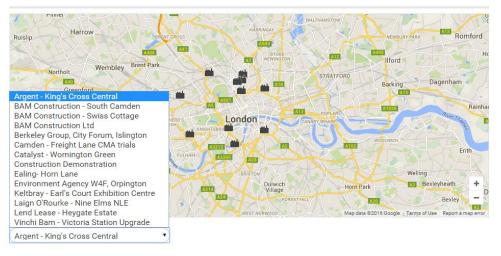
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Projects Map

About •



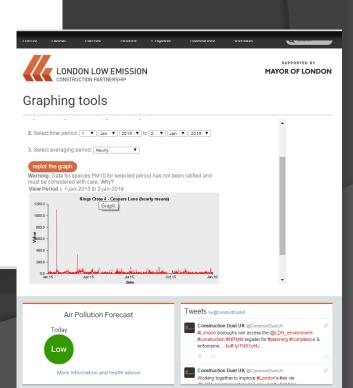
Projects

This map shows projects where measurements are available. Select a project from the list or map to show details. Access beyond this page is restricted to authorised users.

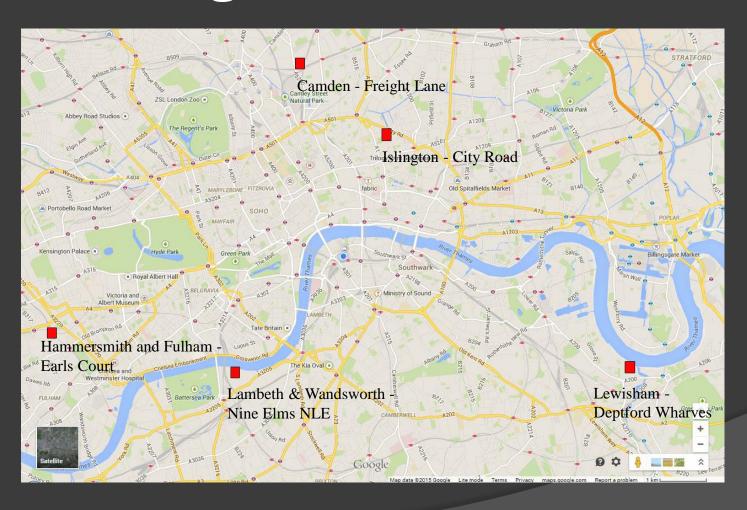
Go back to the projects overview

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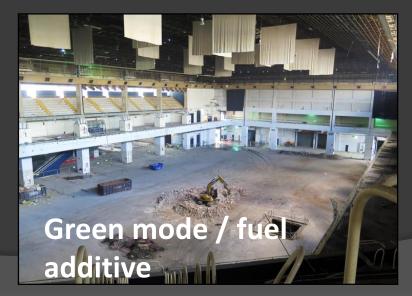
'Best in class' abatement measures.... and creating an evidence base...



Abatement measures









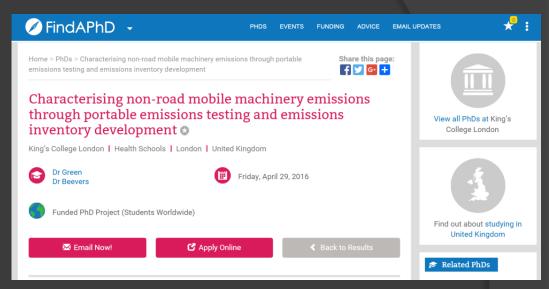
Portable emissions measurement system (PEMS) for generators



- Generators are currently only manufactured to EU stage IIIa standards
- EU stage V not due until 2020 or later
- Run 24/7 for off-grid supply until site electrification
- Often 'over specified' for actual load requirement so wastes diesel and increase emissions

LLECP Stage 2

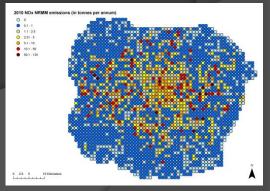
- MAQF 2016-2019
- LLECP 1 was 6 local authorities
- LLECP 2 will be 12 local authorities
- Objectives
 - REDUCTION
 - OUTREACH
 - SUPPORT FOR ENFORCEMENT













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