Enabling the Drafting of Local Action Plans

Dust Management – Sharing Best Practices by the London Islington Council

ISLINGTON

Andrew Ford

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TACKING CONSTRUCTION POLLUTION IN INNER LONDON

SUMMARY

Part 1

- Background to Islington
- Problem with construction pollution
- Our solution
- Funding

Part 2

- Solving the problem
- Good and bad practice
- Non-Road Mobile Machinery
- Enforcement

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Islington

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Islington

- Islington is London's smallest borough at under six square miles.
- The most densely populated LA area UK with estimated population of 233,000 residents.
- Only 13% of the borough’s land is green space
- Over 100 large scale construction projects

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The Historical Problem

- Construction dust, both visible and invisible, is a hazzard to site operatives and a nuisance to residential and business neighbours

- Large developments last several years involving demolition and rebuilding

- Large number of complaints directly from residents about construction sites throughout the Borough

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Public Health Emergency

- Dust and pollution from construction sites is affecting children's health
- Contributes to the equivalent of 9,000 deaths in London a year
- A major concern for politicians and the public alike
- Number one priority for Mayor of London and Council

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CIMO – the solution

- Monitor and analyse dust, noise, vibration and other issues at construction sites
- Ensure complaints are investigated and resolved
- Liaise with developers, contractors, relevant council officers and the public
- Monitor and enforce the Council's Code of Practice for Construction sites and Construction Management Plans

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The Polluter Pays

Section 106 of the Town and Country Planning Act 1990

A mechanism which make a development proposal acceptable in planning terms, that would not otherwise be acceptable

i.e. pay for all the hassle, problems and impacts caused by a development.

Worth £150,000 to £200,000 per year

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Best Practicable Means

Striking a proper balance between the need to protect people living and working nearby and the need to undertake the construction works.

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Sorting out the basics

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Sorting out the basics

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Demolition Dust

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Mud on road

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Cleaning dust & mud

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Trucks cause pollution and spread dust

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Crushing creates less truck trips

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Washing trucks means less dust and mud

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Demolition

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Demolition - Dust Suppression

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Fumes from fuels

There are hundreds of construction vehicle movements each day

Diesel vehicles becoming more regulated and extra charges for older vehicles

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Non Road Mobile Machinery

All NRMM with a power of between 37KW and 560KW must conform with new standards

Requirement for developments to keep an inventory of all NRMM used

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NRMM Emission Standards

For active sites since September 2015

- Major developments in London, NRMM will need to meet Stage 3A
- All developments in Central London, NRMM will need to meet Stage 3B

For active sites after September 2020

- All developments in London, NRMM will need to meet Stage 3B
- All developments in the Central London, NRMM will need to meet Stage 4

Enforcement

For sites that violate the rules

1) Work to prevent problems
2) Serve a notice
3) Require monitoring
4) Take legal action

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Demolition of the London Met Uni Building - Dust

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Demolition

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Demolition

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Ground Works

Positioning the EU in Air Quality Management in India

Thank you
for your kind attention

Andrew Ford
andrew.ford@islington.gov.uk

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ENABLING THE DRAFTING OF
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