

Construction Hub Project Meeting

2nd October 2014

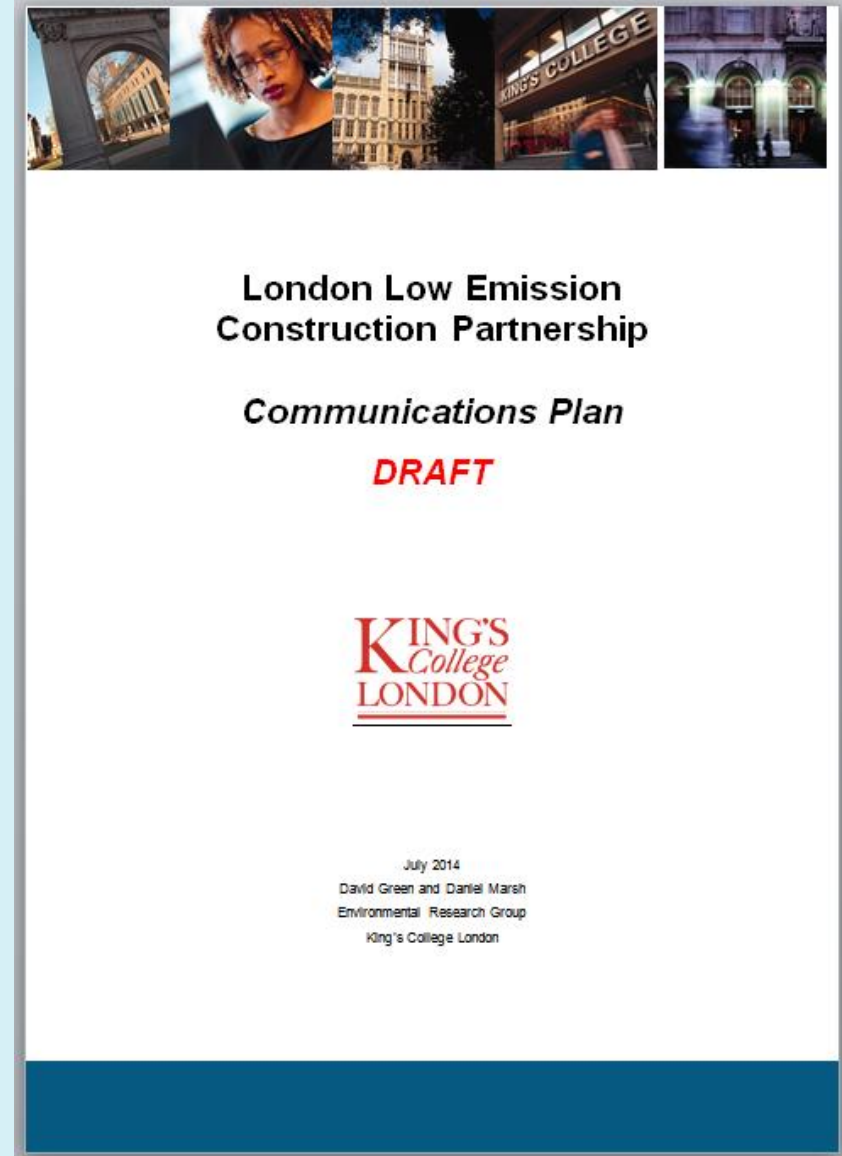
10:00	Welcome	Adam Webber
10:05	Project review for new members	David Green
10.15	Review of previous meetings minutes	David Green
10:20	Literature Review	Daniel Marsh
11:45	Website	Daniel Marsh
11:00	Equipment update	Daniel Marsh
11:15	Local Authority Construction Projects	Daniel Marsh
11:30	Site Assessment Criteria	Daniel Marsh
11:40	Project Plan update	David Green
11:50	Finance/Signing off work	David Green
11:55	Date of next meeting	All
12:00	AOB	All



**PROJECT TITLE:
LONDON LOW EMISSION
CONSTRUCTION
PARTNERSHIP**

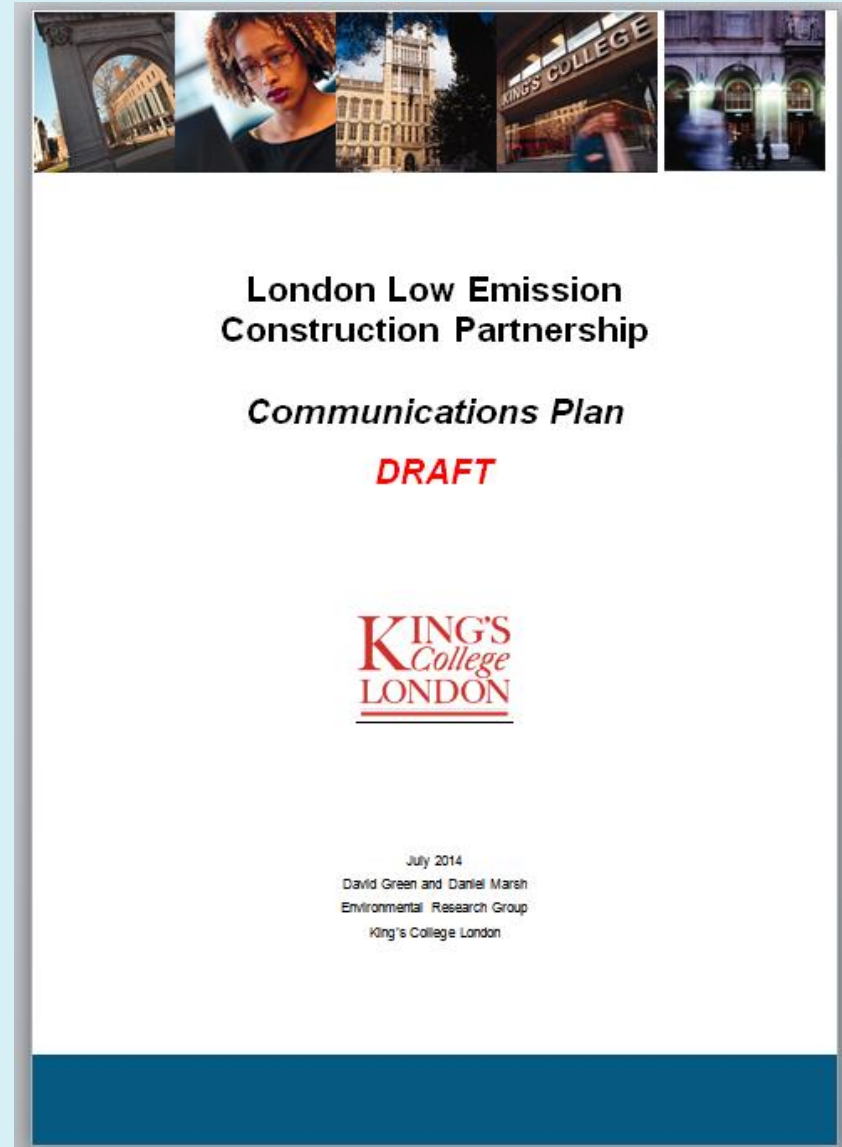
Communications Plan

- Identify, prioritize and get to know your audiences
 - Who are we trying to reach?
 - Establishes people, money and time requirements (who, when and how much?)
- Clear, strong messages
 - Key messages, what are the project aims, is it / was it successful?
 - Specific messages to key audiences
- Mitigates risk
 - Creating a positive image
- Sets the basis for measurement
 - Measure the impact of the project from start to finish
- Provides direction for content development efforts
 - Different formats and different styles to meet the expectations of different stakeholders and different channels

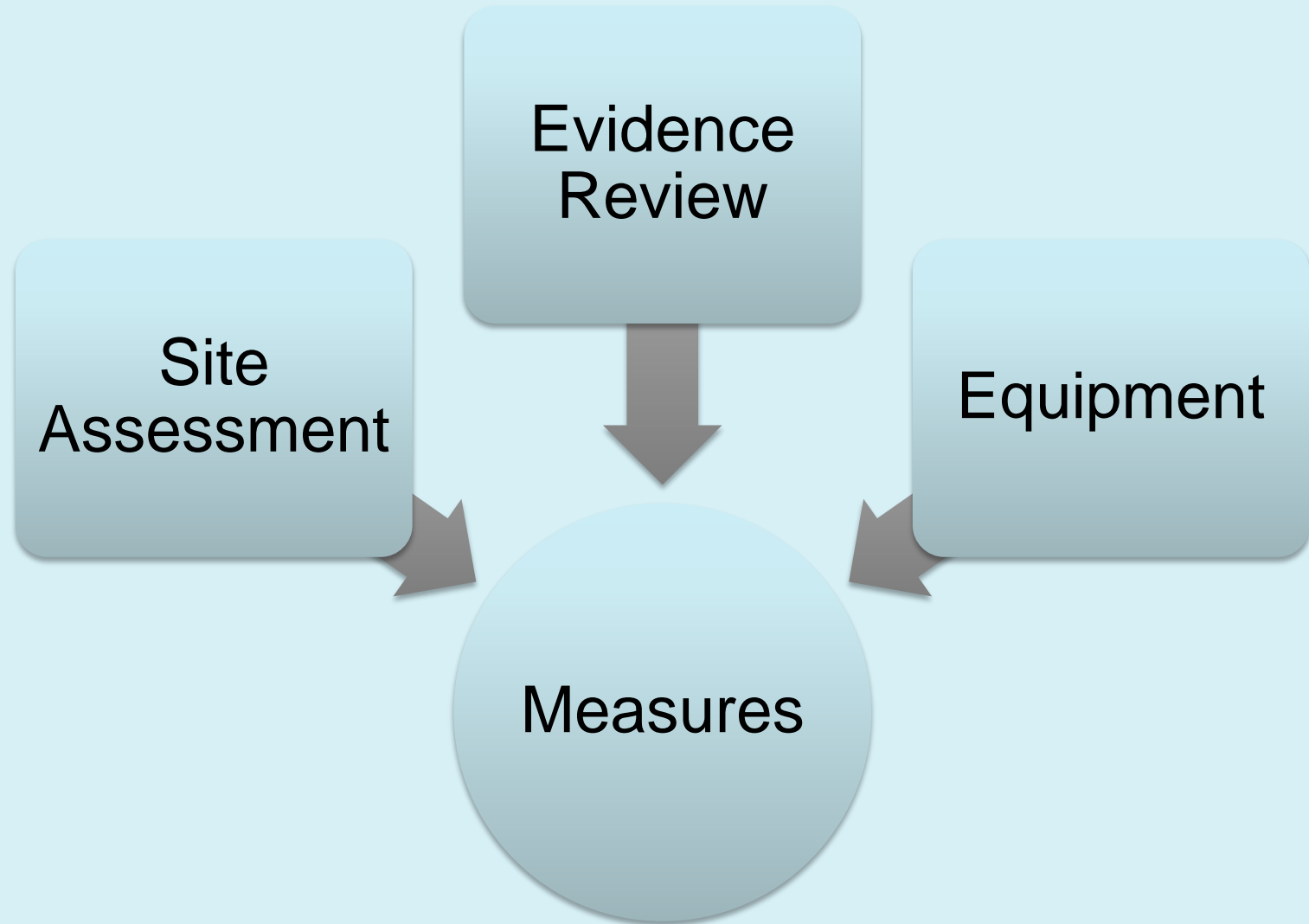


Risk Management Plan

- Identify, prioritize and get to know your audiences
 - Who are we trying to reach?
 - Establishes people, money and time requirements (who, when and how much?)
- Clear, strong messages
 - Key messages, what are the project aims, is it / was it successful?
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What measures are in our toolbox?



GLA SPG AND ULEZ FOR NRMM

Released July 2014

Replaces the 2007 Best Practice Guidance

Includes new mitigation measures including application of CMA dust suppressants

Highlights Non-Road Mobile Machinery (NRMM) as a source of PM and NOx in London



THE CONTROL OF DUST AND EMISSIONS DURING CONSTRUCTION AND DEMOLITION
SUPPLEMENTARY PLANNING GUIDANCE

JULY 2014

LONDON PLAN 2011
IMPLEMENTATION FRAMEWORK

MAYOR OF LONDON

Mayor calls on EU and Government to do more to help improve air quality

29th July the GLA announce details of their air quality manifesto that will help London meet EU limits for nitrogen dioxide (NO₂) emissions by 2020, rather than 2030.

Boris declares the world first ultra-low emission zone (ULEZ) for non-road mobile machinery (NRMM) to be introduced by September 1st 2015

New standards to apply to all equipment

NRMM of net power between 37kW and 560kW used in London will be required to meet the standards set in Stage IIIA of EU Directive 97/68/EC and its subsequent

All developments in Central London and Canary Wharf will be required to meet the more stringent Stage IIIB emission standard.

There is recognition of the costs of implementing this policy and as such the 2015 standards for NRMM LEZ will only apply to major developments in outer London, removing small operators from the scope of the proposals until 2020.

An inventory of all NRMM should be kept on site stating the emission limits for all equipment. All machines should be regularly serviced and logs should also be kept on site for inspection.

Effectively all NRMM over ten years old will need to be replaced or retrofitted with emission reduction technology.



Institute of Air Quality Management Guidance

free to download from:

[http://iaqm.co.uk/text/guidance/
construction-dust-2014.pdf](http://iaqm.co.uk/text/guidance/construction-dust-2014.pdf)

Literature Review

- Aims
 - Provide information for outreach programme for industry
 - Provide up to date information regarding availability and efficacy of emission abatement measures
 - Produce relevant and up to date information for the LLECP website

What does it involve?

Define the question and which topics will be included

Web based searches

Search for articles

- Scientific journal articles
- Report documents
- Manufacturers literature
- News articles on industry web sites

What does it involve?

Select which articles will be included in the final review

Review selected articles

Report back findings

Add any conclusions from the review process

On-going process with the document being developed

Evidence/literature review

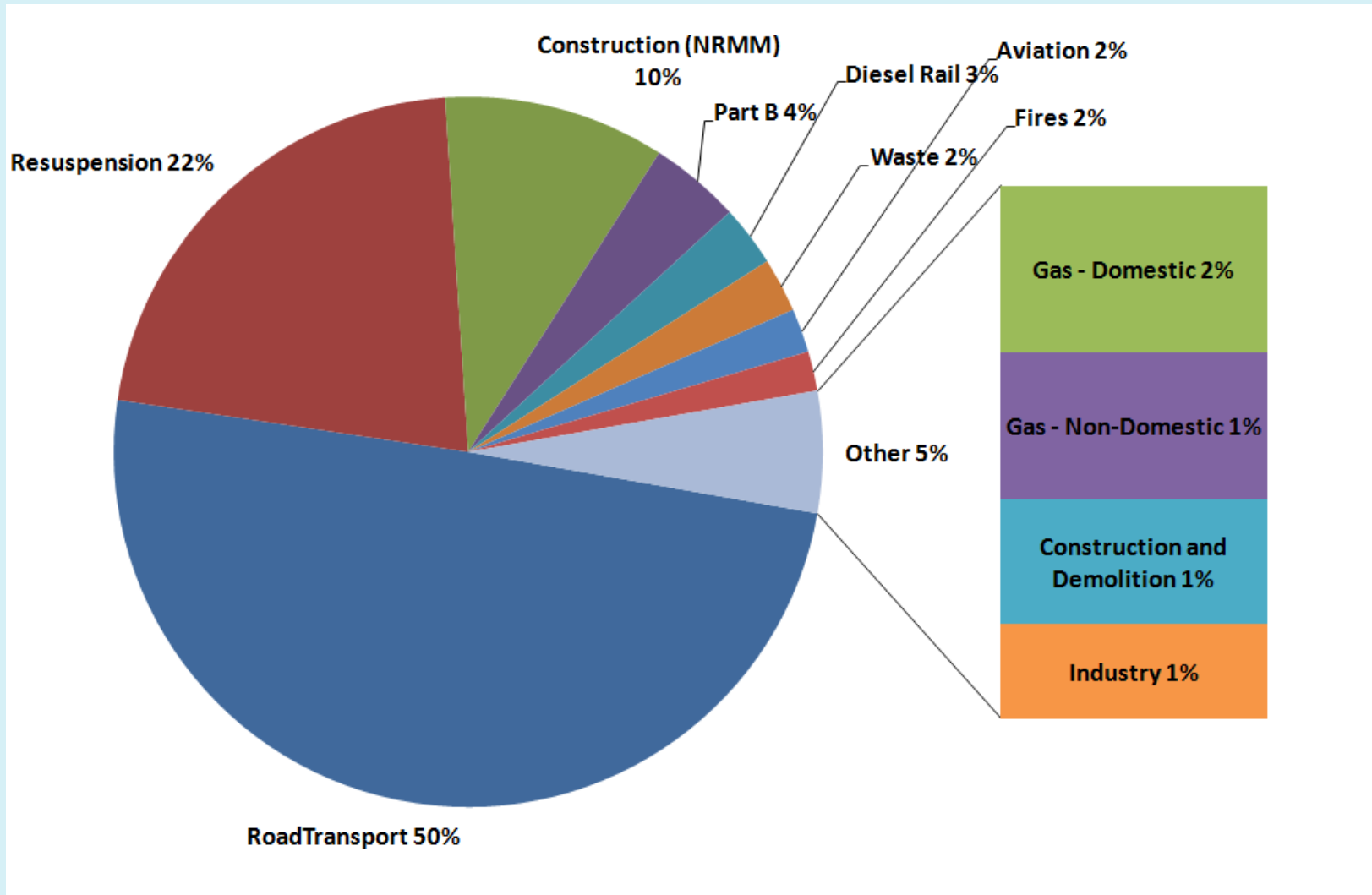
- Project objective
 - To raise awareness of the impact of the industry on local air quality, educate and encourage best practice in the application of pollution abatement measures and monitoring on construction sites in London.
 - Communications plan key message: The construction industry sector has a substantial effect on local air quality. The London Atmospheric Emissions Inventory estimates that construction activities contribute 13% of PM₁₀, 17% of PM_{2.5} and 12% of NO_x emissions from Greater London. As emissions from other sources, such as vehicle exhaust are abated the relative contribution of this sector will rise.
- NRMM listed as a distinct source in LAEI, PM from demolition / construction compiled into 'other'
- Better information is required from LAEI
- % PM₁₀, PM_{2.5}, NO_x from different processes / sources (NRMM, demolition, construction, construction HGVs) will help target measures

Total GLA annual emissions (t/anum) in 2010 from the LAEI

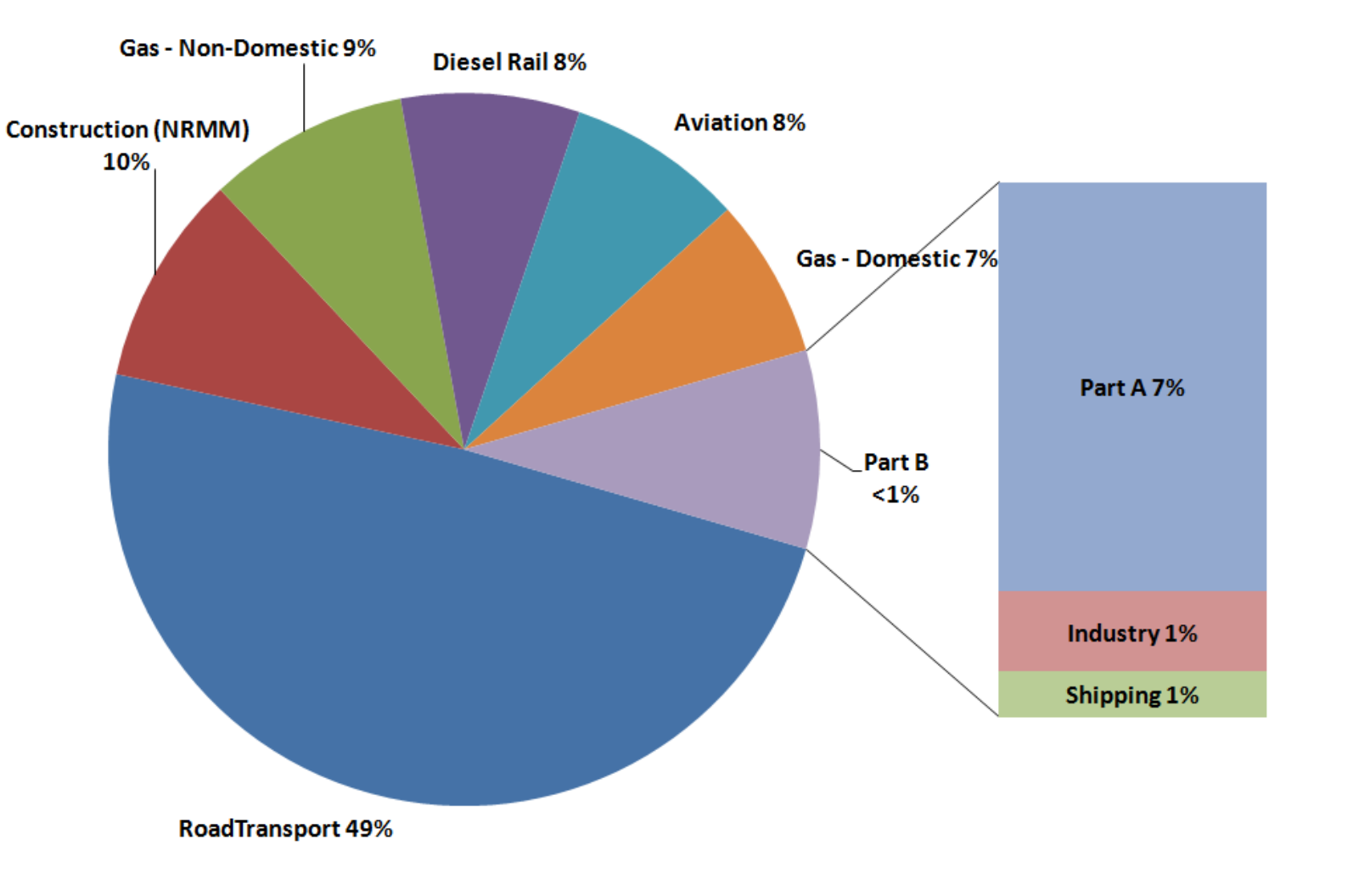
Source	CO2	NOX	PM10	PM25
NRMM	493718.06	4647.4121	468.47359	440.62623
Construction and Demolition	0	0	60.33	6.033
RoadTransport	6771170.2	23656.731	2303.5389	1305.7346
Other	19669238	20707.606	1957.0052	860.88322

NB. the construction has been corrected (DavidD 2014)

LAEI PM₁₀ emissions (t/annum) 2010



LAEI NO_x emissions (t/annum) 2010



London Low Emission Construction Partnership

**Efficacy of abatement and mitigation techniques used in
the control of dust and emissions in the demolition and
construction industries**

An evidence based literature review

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Availability and efficacy of measures

Mitigation of PM at source

- On-tool technology
- PM created by common activities (cutting, crushing etc.)
- Materials handling (storage, stockpiles etc.)
- Airborne (Conventional wetting/bowsers, Mist cannons/atomisers, Green walls/sheeting, Tree planting)
- Ground based (Deep cleaning/sweeping, Water only application, CMA application)
- Resuspension/trackout (Wheel washing, Road sweeping, CMA)
- Position of site entrances and haulage roads (site design)

Mitigation of NRMM

- PM and / or black carbon and / or NO₂?
- Exhaust emissions – DPF's fitted to plant and generators?
- Clean fuels – ultra-low sulphur diesel/LPG 2013
- Generators/power supply
- Site speed limits
- No idling

Mitigation of off-site emissions (away from main source)

- Deliveries/waste material removal logistics (Holding areas, Covered loads/not overfilled, Idling outside site entrance)
- Traffic control – defined access routes
- Staff travel to/from site

Other measures

- Active feedback
- Education

**LONDON LOW EMISSION
CONSTRUCTION
PARTNERSHIP
WEBSITE**



The Low Emission Partnership

We are a group of local authorities working together to protect public health, and tackle climate change, by reducing road transport emissions. We do this by promoting **Low Emission Strategies** – ambitious joined up action, delivered by cost effective and practical interventions supported by robust impact assessment. We specialise in two broad areas:

- (i) accelerating the adoption of low emission transport fuels and technology and
- (ii) use of emission based assessment to support policy and action.

The Partnership



More about the Low Emission Partnership, including membership.


Tools & Resources



For local authorities taking action to reduce transport emissions.

Our Work

Local Action



National Assessment
The benefits case for stronger local action.



Low Emission Hub
Action Database - implementation, impacts and benefits.



Planning Guidance
Reducing the transport emissions associated with development.



Low Emission Toolkit
Quantify transport emissions for managed fleets and development sites.

LES Newsletter
Sign up to our newsletter.





Air quality objectives for 2013 - does London pass or fail?

Latest episode: Moderate Ozone Early May 2014

Current video: How bad is summer smog?

Local Authorities

- Barking and Dagenham 1 >
- Barnet >
- Bexley 1 >
- Brent 2 >
- Brentwood 1 >
- Camden 2 >

News: Diesel trains and local air pollution

News: PhD Project: New methods for quantifying sources of black carbon

News: Putney bus emissions - retrofit evaluation

Follow Us

Tweets Follow

London Air @LondonAir 10h
Mon 4 Aug - Moderate NO2 pollution for Kerbside site Lambeth - Brixton Road bit.ly/1ukwvuG

Nowcast

Current pollution map of London

Forecast

Today Outlook

LOW **NOT**

don/asp/publicbulletin.asp?la_id=42&MapType=G...

Cleaner Air Champions monitor local pollution 'hotspots' in their area

Hackney, Redbridge and Havering raise awareness about air quality and promote positive actions people can take to improve their local air quality.



Improving your community's health through breathing cleaner air

The air you breathe

How to breathe cleaner air...

-  At home
-  With asthma or COPD
-  On my walk/run
-  Senior citizens
-  At school
-  Driving
-  Cycling
-  In my neighbourhood
-  On my commute and at work

Choose one of the above concerns to see videos, facts and tips on how to reduce risk of harm from air pollution.

Can't see your concern here? [Propose a project](#)



Community projects

See what communities near you have been doing...

Pollution in a day

To see someone's personal exposure levels throughout a typical working day.

Cleaner Air Champions

Communities acting to raise awareness about air quality and promote positive actions to improve their local air quality.



Air Quality Forecast
Plan ahead for cleaner air



Route Planner
Cleaner air for your journey



Health Impact of noise and **air pollution** including nanoparticles

[Read more about this centre](#) ➔

Operating in maintenance mode. ✕

Welcome

The [National Institute for Health Research](#) Health Protection Research Unit in Health Impact of Environmental Hazards at King's College London is a national Unit for environmental health research utilising improved exposure assessment methods to produce an integrated approach aimed at advancing knowledge and better informing environment and public health policy.

Our strategy is to investigate the impact of exposure to exogenous environmental chemicals and other pollutants, to gain greater understanding of the mechanism of their interaction with human systems and hence generate new knowledge on health risks to the human population.

This new knowledge will be used in health impact assessment and targeted policy research to inform and improve public health and medical response.

The four themes are united by their focus on use of multiple data sources and approaches that together establish both exposure to and health effects of environmental hazards.

[Read more...](#)

Latest News

- news story 1**
- 
- Lorem ipsum dolor sit amet, consectetur adipiscing elit.
- [Read more...](#)
- news story 2**
- 
- Lorem ipsum dolor sit amet, consectetur adipiscing elit.
- [Read more...](#)

Latest Events

Publications

Videos

About

Land

Air

Water



Cornwall Land, Air & Water

Cornwall Land Air and Water (CLAW) is a single point of contact website for information and services relating to land air and water services undertaken by Cornwall Councils Environmental Protection service. .

[Read more...](#)



Services

- Private water supplies sampling
- Private water supplies risk assessments
- Air quality reports
- Contaminated land reports
- Pre-planning advice on land contamination issues
- Provision of information on commercial



Portfolio of work

- Contaminated Land management
- Planning services
- Air Quality Data analysis
- AQMA's
- Water Quality testing
- Water supply records

[Read more](#)





About Us

London's Air

Projects & Campaigns

Policy

Take Action

Further Info

Login

Learn what air pollution is, the main causes and how it affects you

Learn more...



Search

Home >

Improving London's air quality is a challenge that we all face

This website has been produced by the Mayor and the London boroughs to help you find out more about air pollution in the capital and what you can do to help. You can also discover more about what we're doing to reduce air pollution where you live.

Are you a

Londoner

Visitor

Business

What the Mayor is doing



Air Quality and you



Air Quality Data





Latest posts



Response to Environmental Audit Committee Call for evidence on air quality

Posted on 5 June 2014

Defra may be shifting from passively covering up the air pollution issue to actively covering up the issue and its role in fighting it Busy fool might have achieved greater reductions in air pollution concentrations and/or done more to warn ... [Continue reading](#) →



Clean Air in Cities Awards 2014

Posted on 6 May 2014

Clean Air in Cities Awards recognise 24 contributions to improving air quality London Air Quality Network receives award and special mention John Tomlinson becomes an Honorary Founder Supporter Clean Air in London (CAL) announces its second annual

Clean Air in ... [Continue reading](#) →



Vote for your favourite Davey Cartoon

Posted on 30 April 2014

Clean Air in London and Andy Davey, the award winning cartoonist, have published the last in a series of 12 cartoons about air pollution in London The Green Party wins the "Clean Air

Latest from Twitter



@SocialBro Thanks. We've since had engagement rates for promoted tweets up to 50%! cc **@TwitterUKI_SME** #, 3 hours ago

RT **@londonairnow**: Mon 21 Jul 13:00 - Moderate pollution at sites: 1 Moderate NO2; 1 Moderate PM10; #, 3 hours ago

@TwitterUKI_SME Thanks for the mention. Huge fans of **@Twitter** and the way advertising helped us triple our audience and increase engagement! #, 3 hours ago

Most popular themes

action adaptation and mitigation **air quality**

Low Emission Hub

Welcome to the Low Emission Hub, a **FREE** resource to guide best practice for reducing transport emissions. Search, browse and view case studies across the UK.

[Learn more](#)

[Search cases studies](#)

[Register](#)



About the Low Emission Hub



Low Emission Strategies

Developed by the Low Emission Partnership, the Hub is a central information resource for Low Emission Strategies (LES) interventions and impacts. It includes an extensive searchable database of UK case studies. Local authorities are invited to share their experiences of emission reduction policy and implementation of low emission measures.

Get Started Guide

Read the 'Get Started Guide' which details how to search the Hub's case study database »



Case study search



Latest case studies

-  **Cheshire East Low Emission Strategy (L...** 10 Mar 2014
-  **Low Emission Hub Guidance and Docs** 25 Feb 2014
-  **Plugged-in Places (EV Infrastructure)** 28 Jan 2014

Map search



Low Emission News

May 2014: Cost of air pollution between £9bn and £20bn per annum (State of Natural Capital Report) »

May 2014: Deputy Prime Minister announces measures to support use and development of ultra low emission vehicles »

Apr 2014: New resource for Urban Road Charging Schemes in Europe »

External Tools & Resources

EST Transport Advice (Commercial)
Energy Saving Trust advice website for commercial fleets. Gives information on fleet management, eco-driving and vehicle technology. »

Next Green Car
UK consumer website providing information on all new cars in the UK and an environmental rating system »

Register with the Hub

Register and log in to access full content and create your own case studies »



[Contact Low Emission Hub »](#)

Home	Employer support	CITB Apprenticeships
Levy & Grant	Research	Training & Courses
About us	Standards and Qualifications	Cards & Testing
News & Events	Health & Safety and other topics	Publications
	Careers in construction	Awards & Accreditation

Home > Health & Safety and other topics > Health & Safety > The Construction Dust Partnership > About the Construction Dust Partnership (CDP)

- ▼ The Construction Dust Partnership
 - ▶ About the Construction Dust Partnership (CDP)
 - ▶ Why is dust a problem?
 - ▶ Members and supporters
 - ▶ Advice for employers
 - ▶ Advice for workers
 - ▶ Resources

About the Construction Dust Partnership

The Construction Dust Partnership (CDP) is an industry collaboration directly involving many organisations, including the HSE



The CDP aim is to:

“To raise awareness within the construction industry about lung diseases related to hazardous workplace dust and to promote good practice to prevent these diseases, particularly for those undertaking high risk tasks”

The membership has collectively agreed to:

- Target hazardous construction dusts, particularly those that give rise to the greatest risk of lung disease.
- Improve the construction industry’s awareness of the risks of developing lung disease due to the inhalation of these dusts.
- Identify those construction tasks that give rise to the greatest risk to workers developing such conditions.
- Work together to agree and promote proportionate controls to minimise the risks from these high risk tasks.

Why?



Rate this page ☆☆☆☆☆

Share

Free updates

Bookmark

Follow HSE on Twitter: Follow

Freedom of information

- Operational guidance
- New operational guidance
- Topic inspection packs (TIPs)
- Operational Circulars (OCs)
- Operational Minutes (OMs)
- Sector Information Minutes (SIMs)
- Permanent manuals
- Semi-permanent circulars (SPCs)

Construction Dust: Inspection and Enforcement Guidance

Formerly SIM 02/2009/01 and LAC61/2

Open Government Status

Fully Open

Publication date

09/05/14

Review date

09/05/16

Guidance owner

FOD, Construction Division, Construction Sector, Health Risk Management Unit

Target Audience

FOD Construction Inspectors (Bands 0-4)
SG Specialist (Occupational Hygiene) Inspectors (Bands 0-3)

Related content

- HSE statistics
- Enforcement database
- RIDDOR statistics
- H&S Guidance
- Press Release
- HSE Books

- Summary
- Introduction
- Action
- Background
- Organisation
- Further reference
- Contacts
- Appendix 1 - Determining risk
- Appendix 2: Applying the EMM to Construction Dust Controls
- Appendix 3: IFF for Common Tasks Creating Construction Dust

London Air

By King's College London

Open iTunes to buy and download apps.

[View More by This Developer](#)



[View in iTunes](#)

Free

Category: Utilities

Updated: 29 October 2012

Version: 4.0.3

Size: 7.9 MB

Language: English

Developer: Environmental Research Group—King's College London

© 2011 King's College London

Rated 4+

Compatibility: Requires iOS 4.3 or later. Compatible with iPhone, iPad, and iPod touch. This app is optimized for iPhone 5.

Customer Ratings

We have not received enough ratings to display an average for the current version of this application.

All Versions:

★★★ 902 Ratings

More iPhone Apps by King's College London



Description

Know your air. This App displays the latest air pollution levels recorded at over 100 monitoring stations across greater London.

Maps, My Sites and Push Notifications keep you up to date with London's air quality where you are.

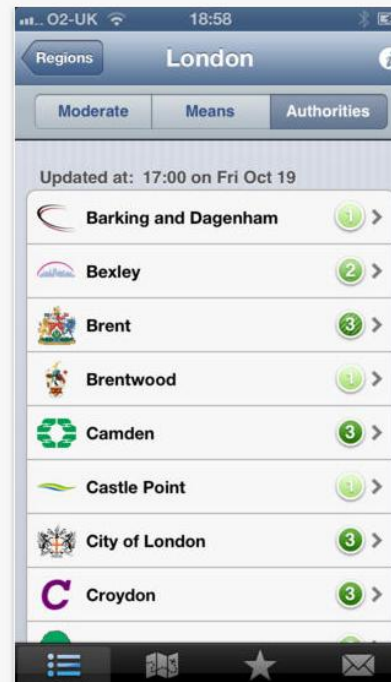
[King's College London Web Site](#) [London Air Support](#)

[...More](#)

What's New in Version 4.0.3

Support for iPhone 5

iPhone Screenshots



City Air

By King's College London

Open iTunes to buy and download apps.

[View More by This Developer](#)



[View in iTunes](#)

+ This app is designed for both iPhone and iPad

Free

Category: Navigation
Updated: 24 March 2014
Version: 1.0.1
Size: 18.6 MB
Language: English
Developer: Environmental Research Group-King's College London
© 2013 King's College London
Rated 4+

Compatibility: Requires iOS 6.0 or later. Compatible with iPhone, iPad, and iPod touch. This app is optimized for iPhone 5.

Customer Ratings

We have not received enough ratings to display an average for the current version of this application.

All Versions:
★★★★ 8 Ratings

More Apps by King's College London

Description

The City Air app – the healthiest way around London.

Are you a jogger, cyclist, driver or commuter? Do you know when pollution is high or low?

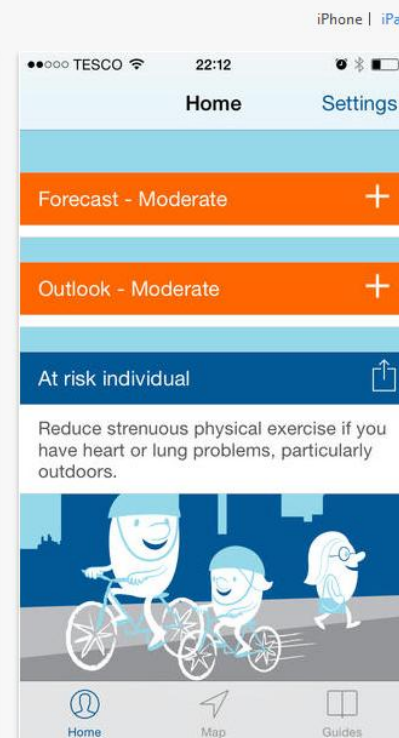
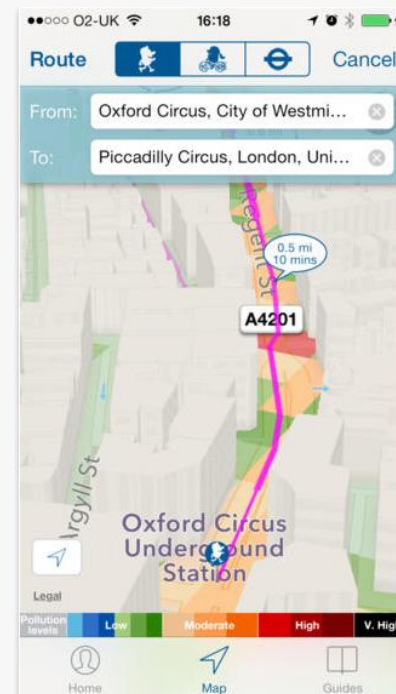
[King's College London Web Site](#) [City Air Support](#)

[...More](#)

What's New in Version 1.0.1

Fixes crash when using setup screen on iOS 7.1

Screenshots



What is required?

Home page

About LLECP and its Partners

Emissions from demolition and construction

Projects – info, live data feed, web reports (pw protected area?)

Tools and resources – Best in Practice examples, guidance, documents and reports, equipment, health advice for public

Links

Help – User guides to using the site

Search option

Contact details

Add-ons

Site risk assessment toolkit

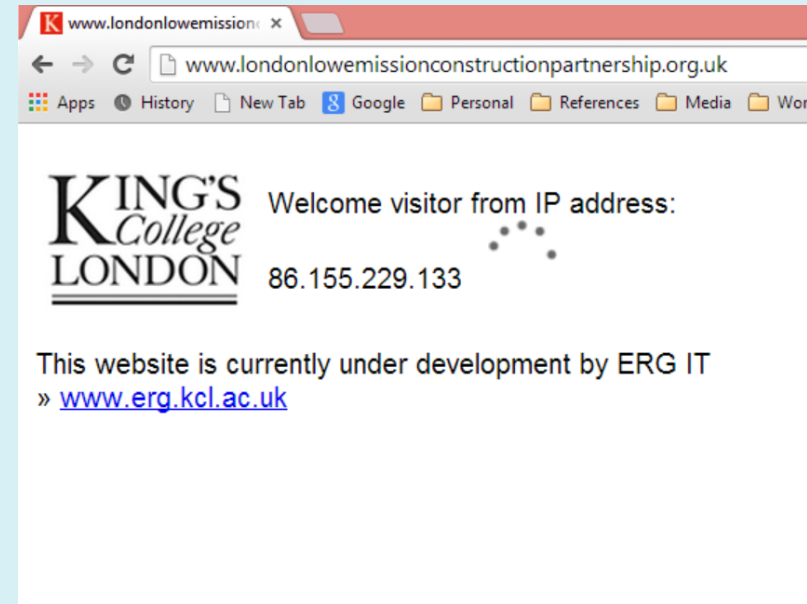
News/blog/twitter feed?

Feedback forums

Subscription/personalised UX

Website

	Priority	Construction/Demolition Developers	Local Authorities Planners/EnvHealth	General Public
Must	1	GLA / LLECP branded		
	1	Use latest technology - improve UX Includes SMS/email alert system	Use latest technology - improve UX Includes SMS/email alert system	
	1	Alert system		
	2	Automatic reporting system		
	2	Web based, user-generated reports	Automatic reporting system	
	3	Advice for mitigation and Best Practice	Advice for mitigation and Best Practice	
	3	Examples of Best Practice		
	4			Construction near you?
	4			what you should know
	4	Links to reports/guidance	Links to reports/guidance	Air Quality and health
Should	5	Self-assessment tool kit	Self-assessment tool kit	
	6	Developer and LA access		
Could	6	Forecasting for construction		
	6	Equipment advice		
	7	News Items	News Items	
	7	Activity Recording		
	8	Website login/personalisation		
8	Construction App Development			



<http://www.londonlowemissionconstructionpartnership.org.uk/>

Logo Design





London Low Emission
Construction Partnership



London Low Emission
Construction Partnership

Some key influences and concepts that have shaped the designs:

Your description of the project spoke about **measurement**:

The widespread adoption of best-in-class measures as future best practice and planning guidance **requires evidence regarding their effectiveness.**

We've represented this measurement element of the project by abstract data or chart icons... bar charts & donut charts.

You also spoke about the **3 main partners** in the project:

A partnership of **academic research, local authorities and the construction industry** is best placed deliver the adoption of best-in-class emissions abatement measures...We have used groups of 3 elements in the logos to represent this 3 way partnership.

The project is working with the construction industry and so we've used geometry, bold forms and strong colour to reinforce that association.

Finally, the logo will need to work on multiple platforms with the most basic being hi-vis vests. This has also influenced keep the forms simple and not too ornate.

Responsive logos?

<http://responsivelogos.co.uk/>

GLA/TfL GUIDELINES FOR USING 'SUPPORTED BY' LOGO

SUPPORTED BY

MAYOR OF LONDON

send work featuring the logo to
design@london.gov.uk
for sign off

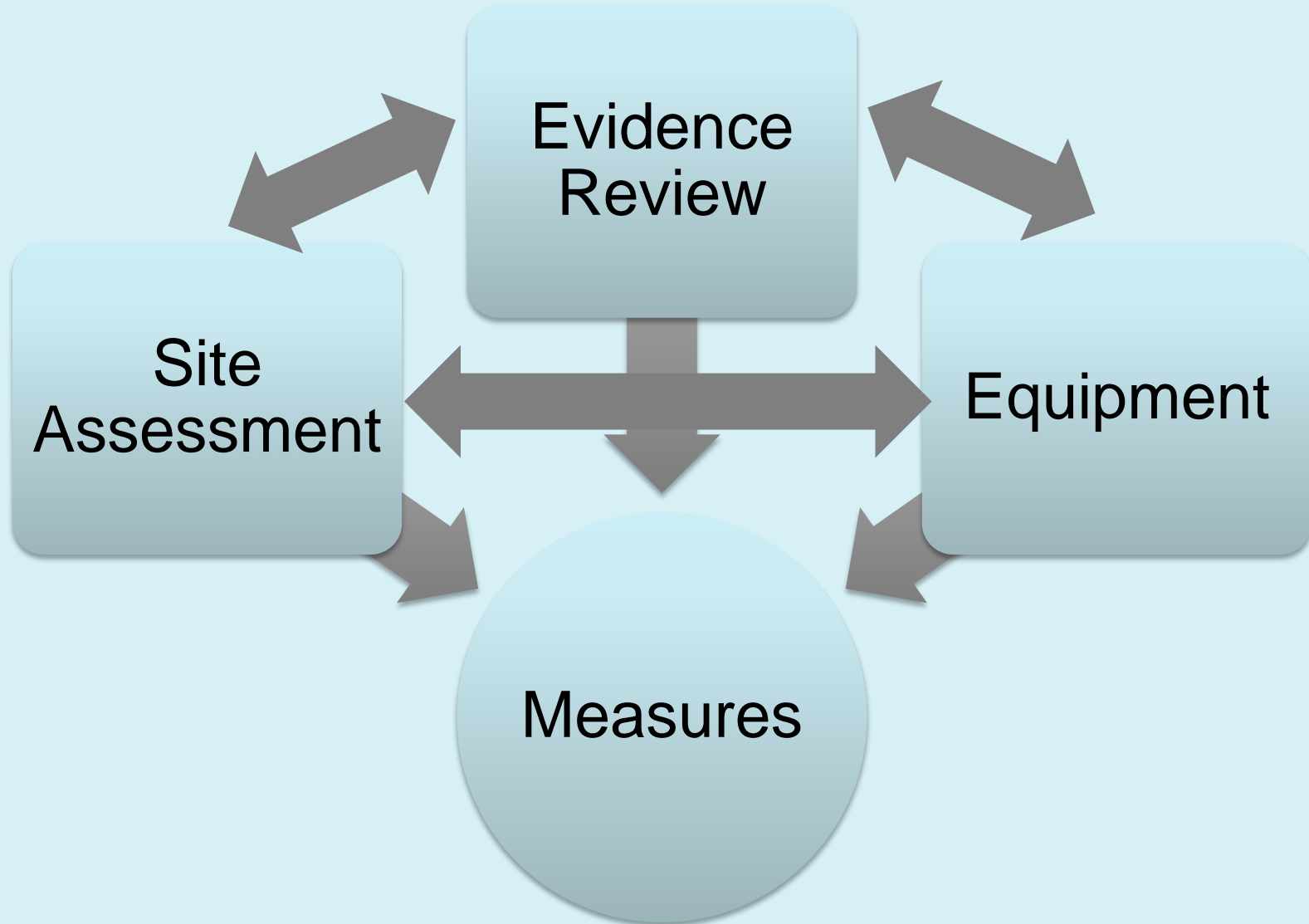
Equipment

- Project designed to measure PM (and black carbon for DPF)
 - From evidence review is this still what we want to measure?
 - Need to consider what change is detectable (information from evidence review)
 - From available sites is there scope for PM / BC mitigation?
- Estimated eight instruments required to allow studies to be carried out across multiple sites
 - King's College London have supplied two Osiris units
 - LB Camden have supplied one complete Osiris unit
 - Lewisham have supplied two Osiris units
 - Wandsworth to supply one Osiris – recently serviced

Turnkey Osiris testing in the lab



What measures are in our toolbox?



What Measures?

Measure	Target Cost	Target Usage	Cost Benefit
CMA Application	£167 per site / day	6 sites, 50 priority days per annum	? $\mu\text{g}/\text{m}^3/\text{£}/\text{annum}$
Regenerating Diesel Particle Filters	£8000 each	2	? $\mu\text{g}/\text{m}^3/\text{£}/\text{annum}$
Non-regenerating Diesel Particle Filters	£1000	?	? $\mu\text{g}/\text{m}^3/\text{£}/\text{annum}$
Street / site cleaning with sweepers	£213 / site / day	6 sites, 50 priority days per annum	? $\mu\text{g}/\text{m}^3/\text{£}/\text{annum}$
Green Screens	£300 / metre	?	? $\mu\text{g}/\text{m}^3/\text{£}/\text{annum}$
Site activity feedback web site / app	£10,000 – 20,000	-	? $\mu\text{g}/\text{m}^3/\text{£}/\text{annum}$
On site cycles	?		? $\mu\text{g}/\text{m}^3/\text{£}/\text{annum}$
Freight consolidation	?		? $\mu\text{g}/\text{m}^3/\text{£}/\text{annum}$

LA CONSTRUCTION PROJECTS

London Borough of Camden

- Kings Cross Concrete – Cement Batchers
 - British Rail Goods Yard
Freight Lane
off York Way
Kings Cross
London
N1 OAU



Cemex – York Way, Camden





Kings Cross Environment



http://kingscrossenvironment.com/2006/10/04/cemex_dust_poll/

Environmental Permit To Operate Bulk Cement Storage and Handling Activity

Emission Limits, Monitoring and other Requirements

No visible airborne particulate matter shall be emitted beyond the installation boundary where harm or nuisance may be caused.

Environmental Permit To Operate Bulk Cement Storage and Handling Activity

The access road (York Way) and entrance and exit locations to the installation shall be free of deposited dust. The main access road and installation entrance and exit locations shall be inspected each day to ensure that no dust deposition is present. If dust deposition does begin to accumulate appropriate actions shall be taken to remove deposition dust.

In order to prevent the re-suspension of dust deposition on the main access road to the installation and the entrance and exit locations, **the ground surface shall be cleaned daily throughout the year. Vacuum cleaning and water spraying methods shall be employed; road sweeping shall not be carried out.** During very dry periods or extensive use of road by site vehicles or in any other circumstances when visible dust deposits accumulate on the main access road, at entrance or at exit locations road cleaning shall take place twice a day. By the 21 December 2013 the Council shall receive written confirmation of the method and frequency of road cleaning, and notification of which concrete batching companies will be responsible for organising the road cleaning services.

To prevent dust being carried off site and deposited on the access road, the wheels **of all vehicles shall be thoroughly cleaned prior leaving the site using a wheel washing facility.** A wheel washing facility shall be equipped with a sufficient supply of water for the cleaning of vehicles.

Vehicles shall not track material from the site onto the highway.

London Borough of Camden

Kings Cross Central Redevelopment

Outstanding works include:

- Cubit Square and Cubit Park are being created until December 2014
 - T5 – Piling until September 2014 then digging until January 2015
 - G1 – Piling until September 2014 then digging until January 2015
 - Triplets basement – enabling starts in September 2014 with building from January 2015
 - P2 – reduce digging to remove spoil from September 2014 to December 2014
 - S4 – spoil heap from Midlands Good Shed due for removal by September 2014
 - B6 – piling has started and will continue until December 2014
 - B5 – removal of ramp and contaminated earth from August 2014 – December 2014
 - Handyside Street – final finishes will be taking place from August 2014 – November 2014

London Borough of Hammersmith and Fulham

- Westfield Extension – planning application reference: 2013/05115/OUT (can be searched for on LBHF website). Mixed use development.
- Former BBC television centre: 2013/02355/COMB. Mixed use development.
- Hurlingham Retail Park, Wandsworth Bridge Rd: 2013/02870/FUL – Mixed use.
- Seagrave Road (there is not much demolition on this site, mainly excavation). We know they are due to start in July. 2011/02000 and 2013/01213/VAR – Mixed use.
- Kings Mall development
- Earls Court

London Borough of Islington

Stapleton House (applicants are London Metropolitan University and Unite Group PLC)

Description: Demolition of the existing buildings and the erection of a Part 6, Part 7, Part 8, and Part 10-storey building to provide 1135 (GIA) sq.m. flexible Class A1, A2, A3 and D1 floorspace and 180 sq.m. Class D1 community space at ground floor level; and 862 student rooms at all levels together with amenity space, landscaping and public realm improvements, disabled car parking, cycle parking and other associated works

Site Location: 263-289 Holloway Road and 2-16 Eden Grove, London, N7 6NE

Dates: start of demolition 1 September 2014, final completion date 19 August

Demolition phase: 1 September 2014 to 9 January 2015 (16 weeks), Piling: 17 November 2014 to 27 Feb 2015

London Borough of Islington

City Forum

Description: demolition of existing buildings and comprehensive redevelopment comprising full planning permission for all elements (other than Block 9 submitted in outline with appearance reserved) for four blocks ranging from 7 to 9 storeys plus two towers of 42 storeys (up to 155m) and 36 storeys (up to 137m), providing up to 995 residential units; commercial floorspace (Class B1) up to 7,600sqm; affordable workspace (Class B1); relocated data centre; flexible retail/financial and professional services/restaurant/café/drinking establishment/health centre floorspace (Class A1/A2/A3/A4/D1) up to 3,650sqm; crèche (Class D1); and hotel (Class C1) of up to 190 beds; together with public open spaces, up to 1,223 cycle spaces, 225 car parking spaces and ancillary floorspace within a basement and other associated works

London Borough of Islington

City Forum

Site Location: 250 City Road, London, EC1V 2PU

Dates: start October 2014 to March 2021

Phasing: Enabling works, including demolition, piling and basement excavations Oct 2014 – Dec 2016 (poss delays with the demolition starting)

London Borough of Lambeth

- Nine Elms
- Thames Tideway Tunnel
- Northern Line Extension
- Shell Centre (Waterloo)

London Borough of Lewisham

Faircharm Industrial Estate – due to start demolition at the beginning of 2015

Demolition of existing buildings, mixed use development with commercial premises and 148 residential properties/flats in building 6-12 storeys high

Awaiting construction management plan

London Borough of Lewisham

Heathside and Lethbridge - Phase 4

The redevelopment of Heathside and Lethbridge Estates, Blackheath Hill and Lewisham Road SE10 seeking outline planning permission (Phases 2-6) for up to 512 square metres of retail floor space, 768 square metres of community floor space, an energy centre and 1054 residential units in buildings ranging from 3 to 17 storeys in height, together with car and cycle parking.

Activities/phases

The proposed development comprises of the demolition of all existing buildings on-site and the construction of nine separate blocks which are to be built over six phases.

London Borough of Lewisham

Heathside and Lethbridge - Phase 4

Phase 4 is currently going through consent process and may start demolition early next year.

Considered to be a **HIGH** risk site for construction and demolition dust.

Residential properties and a primary school within 100m

London Borough of Lewisham

Goodwood Road

Planning app ref on Lewisham Planning portal- DC/11/77418/X

Location- Land East of New Cross Gate Station, encompassing the Former Goods Yard at 29 & 23-27 Goodwood Road SE14

Description-The redevelopment of the site for mixed use development on the Land East of New Cross Gate Station, encompassing the Former Goods Yard at 29 & 23-27 Goodwood Road SE14, to provide 3 blocks between 3-8 storeys, incorporating balconies, comprising 148 residential units (63 x 1 bed, 65 x 2 bed, 17 x 3 bed flats & 3 x 5 bed houses) and 200m² of retail (Use Class A1-A5), together with the provision of 39 car parking spaces (including 8 disabled spaces), 170 bicycle spaces, 5 motorcycle spaces, public and private amenity space

Site contacts-Reliant Building Contractors Ltd, 110 Elm Tree Court, London, NW8 9JT (Unfortunately no email or contact person)

Start Dates-This scheme has discharged all pre-commencement conditions and so could start shortly

AQ/ Assessment Details-

Very short paragraph about construction dust mentioning site is **Medium risk without mitigation and low risk with mitigation**. So have not uploaded.

London Borough of Lewisham

Grinstead Road

Planning app ref on Lewisham Planning portal- DC/10/75331/X

Location- Neptune Wharf, Grinstead Road SE8

Description-

The demolition of the existing buildings at Neptune Works, Grinstead Road SE8 and the phased redevelopment of the site to provide 6 blocks and 10 mews houses between 3 and 12 storeys, providing 199 residential units comprising 70 one bedroom, 100 two bedroom, 19 three bedroom and 10 four bedroom units; 1,973 m² of non-residential floor space, comprising 1,874 m² of flexible B1/A1/A2 office space and 99 m² of café? /bike repair shop uses fronting a public piazza and public realm, which links Deptford Park and Folkestone Gardens by the opening up the existing railway viaducts on the western edge of the site; parking for up to 276 cycle spaces, 10 motorbike/scooter spaces and 60 vehicular spaces including 7 disabled spaces

Activities/Phases-

To be carried out in 2 phases.

Start Dates -This scheme has consent, which expires in March 2015, currently the developers are looking starting to discharge the pre-commencement conditions and so may be starting on site early next year.

AQ assessment details-

Site considered High Risk for construction dust. There are flats within 50 m of the site to the east and a school opposite the site within 50 m.

London Borough of Wandsworth

- Ram Brewery site – Wandsworth High Street
 - awaiting further details
- Christies Warehouse site - Nine Elms - Ponton Road, SW8
 - Demolition pre-piling in early 2015

Project Timelines

Local Authority	Project Title	Developer	Start Date	End Date	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15
Camden	Kings Cross Central Redevelopment				[Red bar]												
	Hanson - Kings Cross Concrete				[Red bar]												
Hammersmith and Fulham	Kings Mall development				[Red bar]												
	Former BBC television centre				[Red bar]												
	Hurlingham Retail Park				[Red bar]												
	Seagrave Road				[Red bar]												
	Westfield Extension				[Red bar]												
	Earl's Court				[Red bar]												
Islington	Unite Stapleton House, Holloway Road	Balfour Beatty	Aug-14 ?		[Yellow bar]												
	City Forum				[Yellow bar]												
Lambeth	Nine Elms				[Blue bar]												
	Thames Tideway Tunnel				[Blue bar]												
	Northern Line Extension				[Blue bar]												
	Shell Centre (Waterloo)				[Blue bar]												
Lewisham	Faircharm Industrial Estate - Creekside			?	[Green bar]												
	Heathside and Lethbridge - Phase 4				[Green bar]												
	Goodwood Road				[Green bar]												
	Grinstead Road				[Green bar]												
Wandsworth	Christies Warehouse site - Nine Elms	Bellway Homes	Jan-15		[Orange bar]												
	Rams Brewery				[Orange bar]												

Site Requirements

- Site/project name
- Project description
- Site location
- Site contacts
- Start and finish dates
- Demolition and construction activities/development phases
- Dust management plans and any S106

Projects first round of measures

Camden – Hanson/Cemex site on York Way

Islington – City Forum

Lewisham - Heathside and Lethbridge - Phase 4

Desktop Site Assessment Criteria

Project Name:					Rating:	
Assessment Criteria	Weighting			Score		
Start date	3	5	4	3	2	1
Seasonal Impact	2	5	4	3	2	1
Interferences	2	5	4	3	2	1
Onsite activities/construction	3	5	4	3	2	1
Risk of delays	3	5	4	3	2	1
Sensitivity of an area	1	5	4	3	2	1
Existing LAQN measurements	1	5	4	3	2	1
Developer buy-in/match funding	2	5	4	3	2	1
Location	1	5	4	3	2	1

PROJECT PLAN / FINANCE / SCOPE OF WORKS

Updated Project Plan

Area	Name	May-14	Jun-14	Q2 2014	Q3 2014	Q4 2014	Q1 2015	Q2 2015	Q3 2015	Q4 2015	Q1 2016	Q2 2016
Project Monitoring	Kickoff meeting GLA/TfL											
Project Monitoring	Project Team Meeting											
Project Monitoring	Steering Committee Meeting											
Project Monitoring	Develop/review communications strategy for stakeholders											
Project Monitoring	Risk Mapping / review											
Measures	Identification and review evidence (ongoing)											
Measures	Prepare / update developer comms material											
Measures	Developer meetings											
Measures	Measurement site identification and installation											
Measures	Data collection and management (8 sites)											
Measures	Equipment maintenance (8 sites)											
Measures	Application Programme - Planning and management											
Measures	Application Programme											
Measures	Evaluation of impact											
Construction Hub	Scoping											
Construction Hub	Content											
Construction Hub	Build and test											
Construction Hub	Launch											

Key deliverables and invoicing schedule

Deliverables	Q2 2014	Q3 2014	Q4 2014	Q1 2015	Q2 2015	Q3 2015	Q4 2015	Q1 2016	Q2 2016
Attend kickoff / steering committee meetings	X		X		X		X		X
Output communication strategy document	X				X				
Output project risk review document	X				X				
Output evidence review report		X			X			X	
Output developer communications material		X				X			
Attend developer meetings	X	X	X	X	X	X	X	X	X
Identify and install measurement sites		X	X						
Collect and disseminate data		X	X	X	X	X	X	X	X
Organise annual osiris maintenance	X				X				
Design, programme and supervise agreed measures		X	X	X	X	X	X	X	X
Output evaluation of impact report				X					X
Produce design and specification document for web site	X								
Generate and update content for website		X		X		X		X	
Launch Website				X					
Invoice Value	£ 11,543	£ 52,891	£ 52,790	£ 44,172	£ 41,531	£ 44,979	£ 43,260	£ 51,854	£ 56,979

Q2 2014 Invoice

Q2_2014	Budget	Forecast	Forecast Variance	Budget to Date	Actual to Date	Variance to Date
Monitoring Staff	£ 6,398	£ 6,398	£ -	£ 6,398	£ 6,398	£ -
IT Staff	£ 573	£ 573	£ -	£ 573	£ 573	£ -
Developer communications material	£ 573	£ -	£ 573	£ 573	£ -	£ 573
Equipment maintenance	£ 4,000	£ 151	£ 3,849	£ 4,000	£ 151	£ 3,849
Emissions abatement measures	£ -	£ -	£ -	£ -	£ -	£ -
Total	£ 11,543	£ 7,121	£ 4,422	£ 11,543	£ 7,121	£ 4,422