



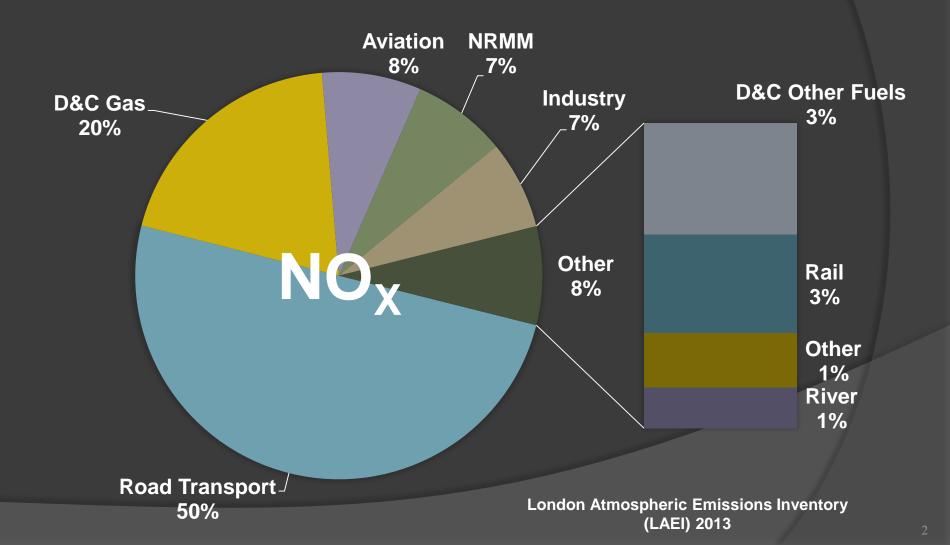
# Low Emission Construction Partnership Update

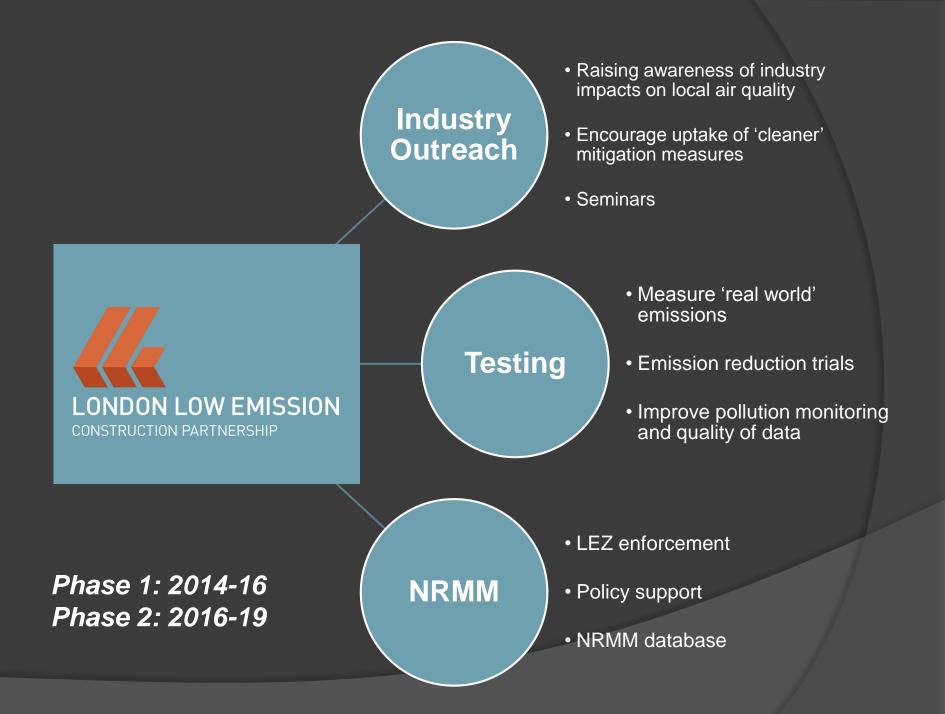
**Cleaner Machinery for London Seminar** 

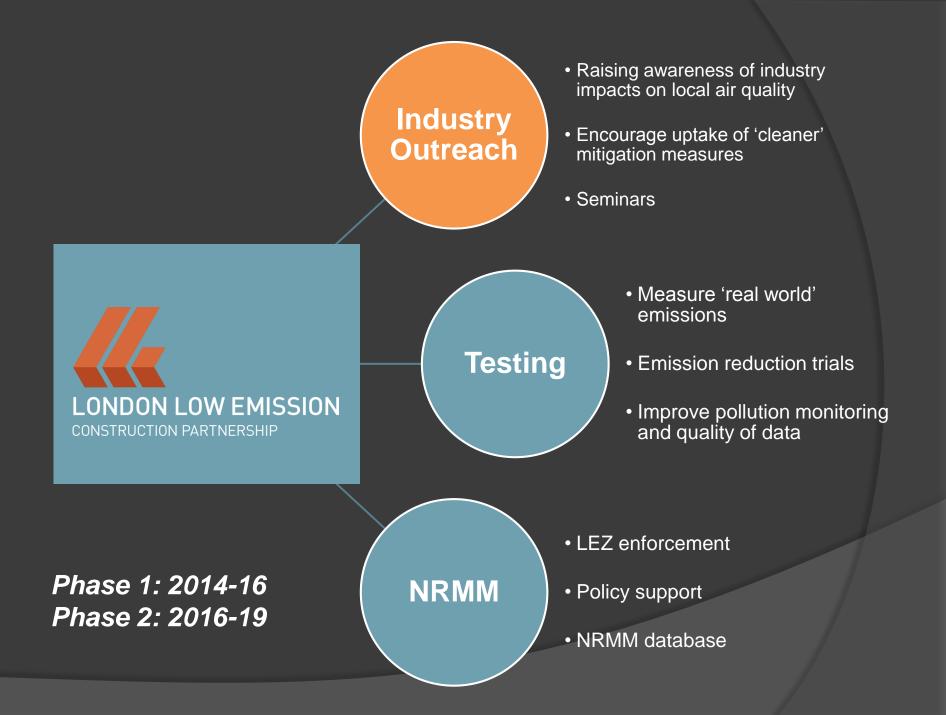
3<sup>rd</sup> February 2013

David Green and Daniel Marsh Robert Hepburn and Andrew Brook

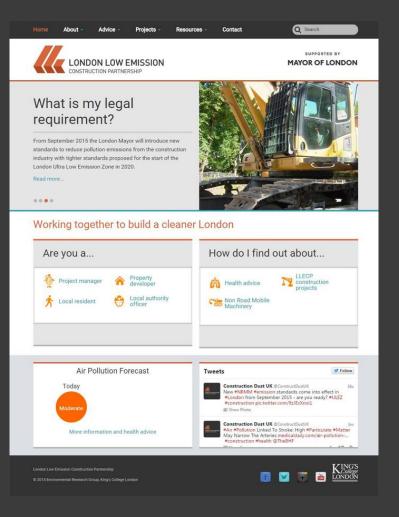
# Why are construction emissions important?







## **LLECP** Website and Twitter



Ilecp.org.uk

- 2,247 Users in 2016
- 76% new visitors
- @ConstructDustUK
  - >1,500 followers within the target industry
  - >2,000 tweets

## Outreach...

resource

Environmental Reserved Sciences

Speater

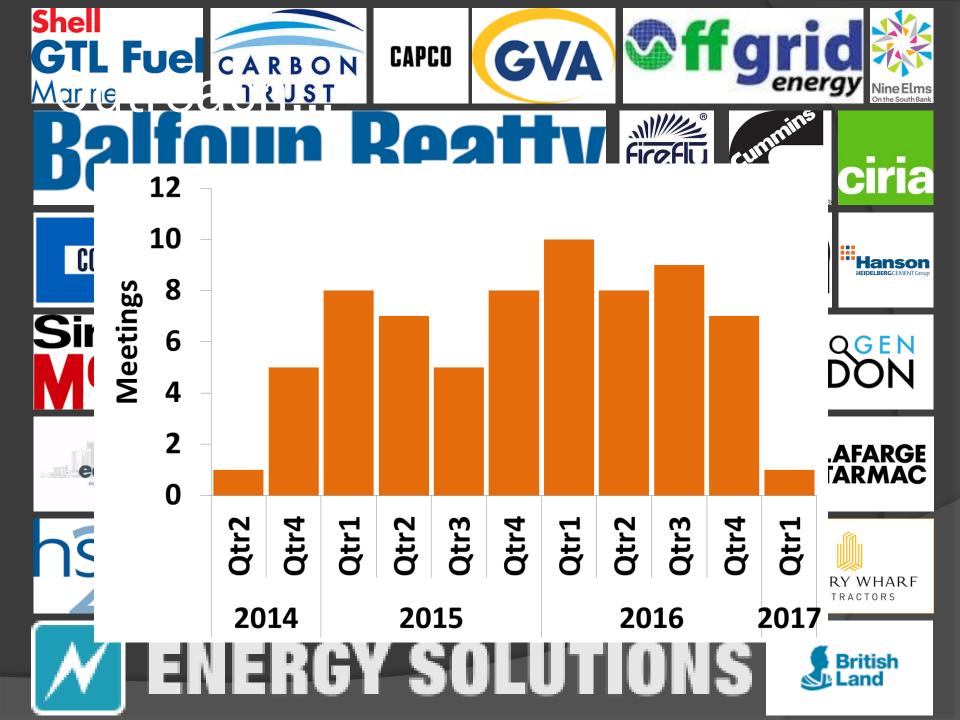
.org.uk

1111

**CLEANER CONSTRUCTION** MACHINERY FOR LONDON nrmm.london

LONDON LOW EMISSION





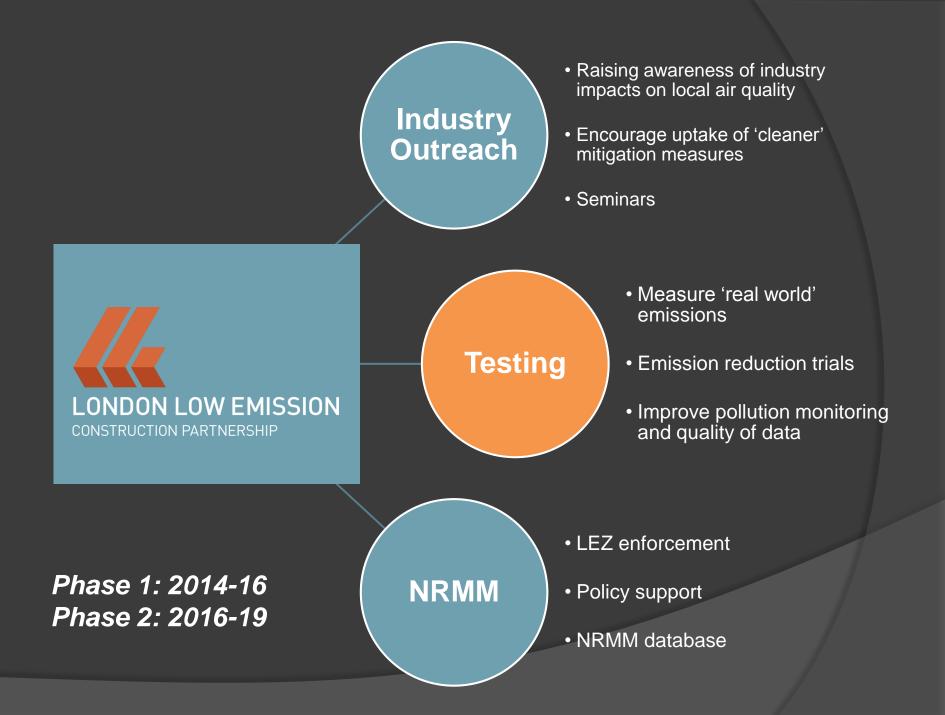
## Success?



National Air Quality Awards



Institute of Air Quality Management Award



## Improve pollution monitoring



Advice

NRMM

Projects

Resources 
Contact

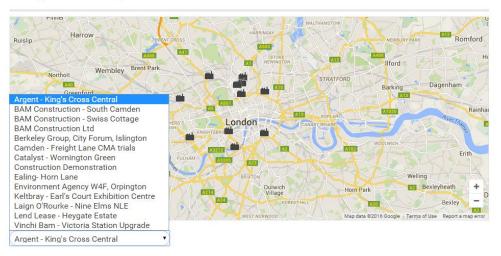
Q Search

#### SUPPORTED BY

#### **Projects Map**

About •

Home



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.



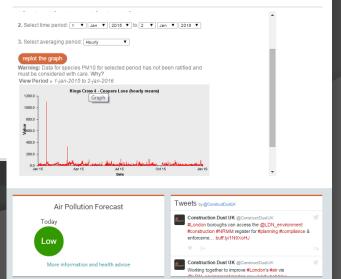
Thank you for accepting cookies. You can now hide this message or find out more about cookies.



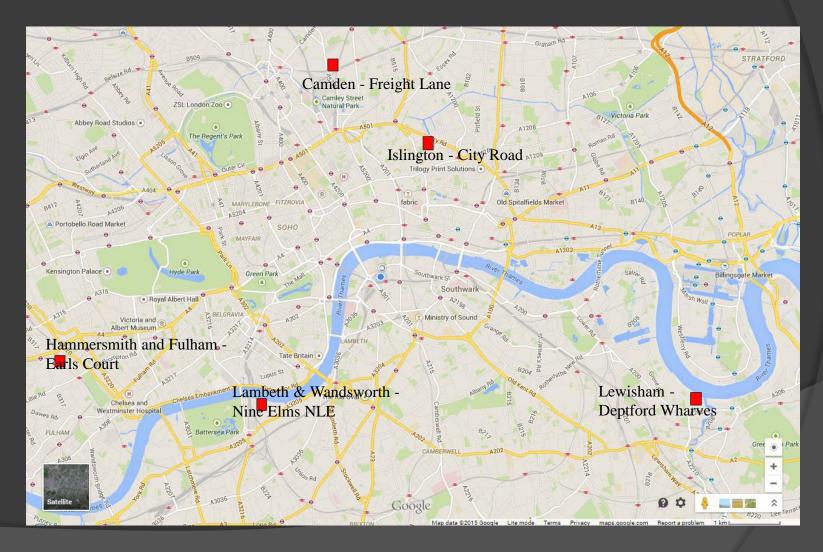


SUPPORTED BY

#### Graphing tools



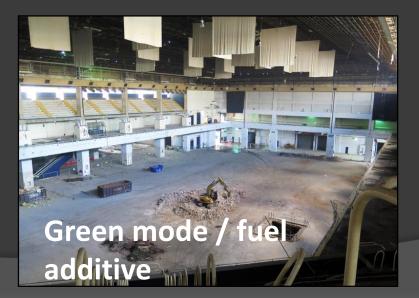
## 'Best in class' abatement measures.... and creating an evidence base...



## Abatement measures









# **Real World Emissions Testing**

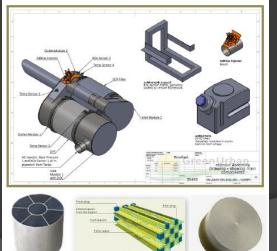
## Generators

- Fuel types
- Retrofit DPF SCR

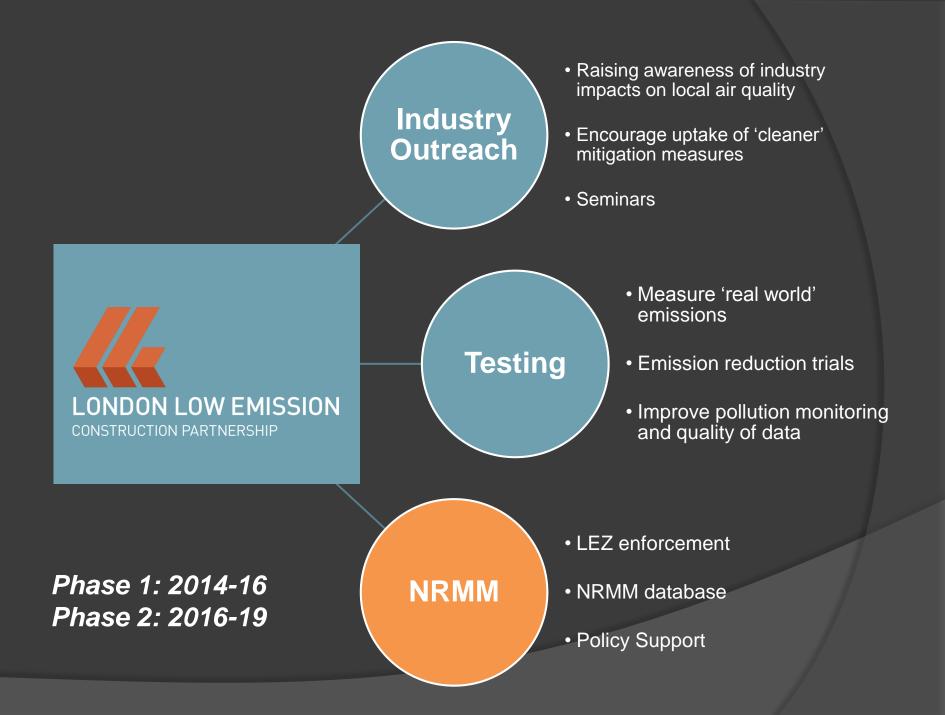
# Move to other NRMM types...



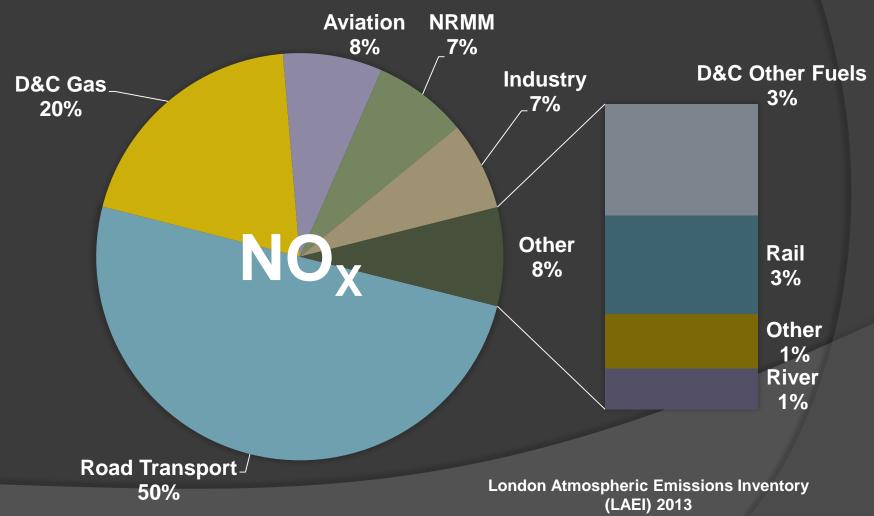




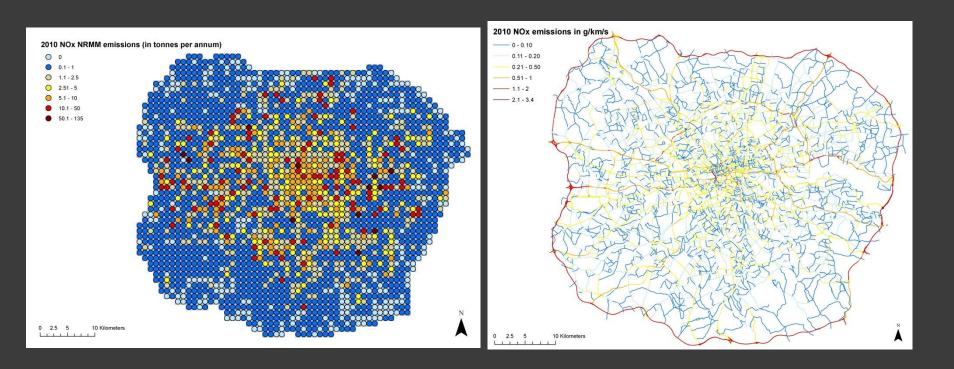




## **NRMM Emissions Inventory**

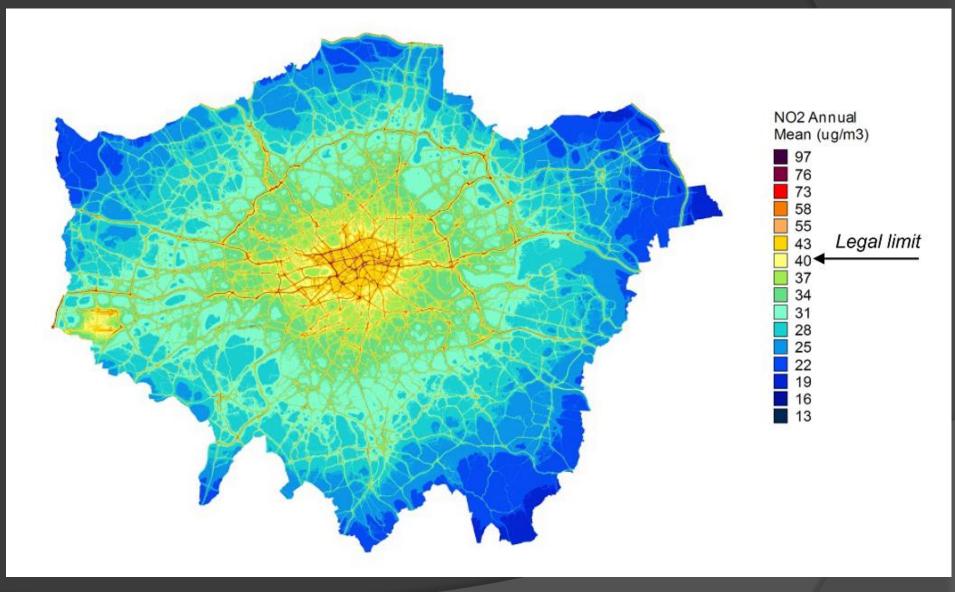


## London Atmospheric Emissions Inventory

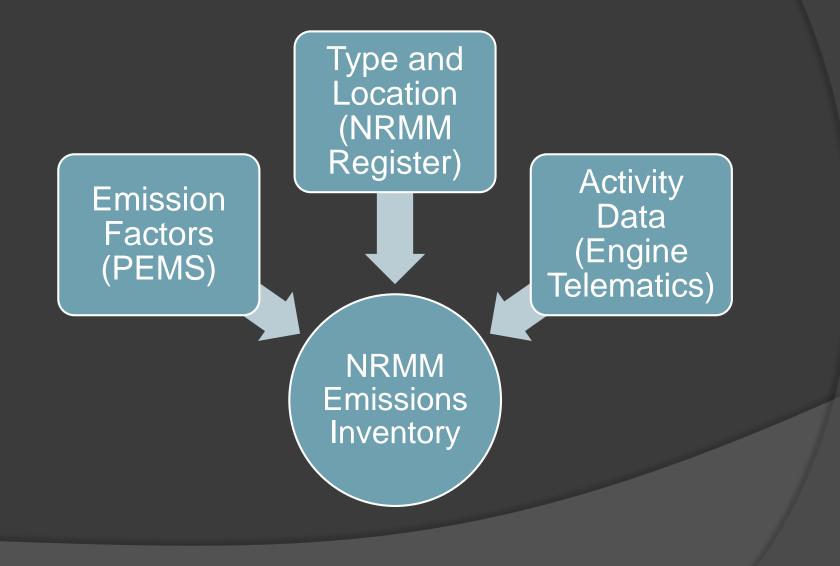


### NRMM NO<sub>x</sub> Top Down Sector wide metric (fuel use / spend)

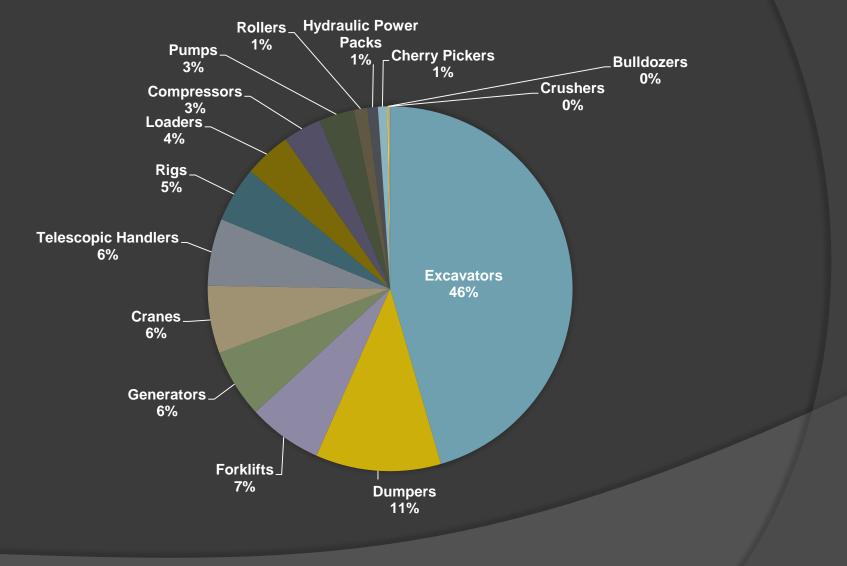
### Traffic NO<sub>x</sub> Bottom Up <u>Emissio</u>n Factor x Vehicle Activity



## NRMM Bottom Up Inventory



## Contribution to $NO_X$ by NRMM type



# SUPPORTED BY











Supported by

the royal borough of KENSINGTON AND CHELSEA





Couthwark Council











## @ConstructionDustUK

## erg-construction@kcl.ac.uk



MRC-PHE Centre for Environment & Health



Imperial College