

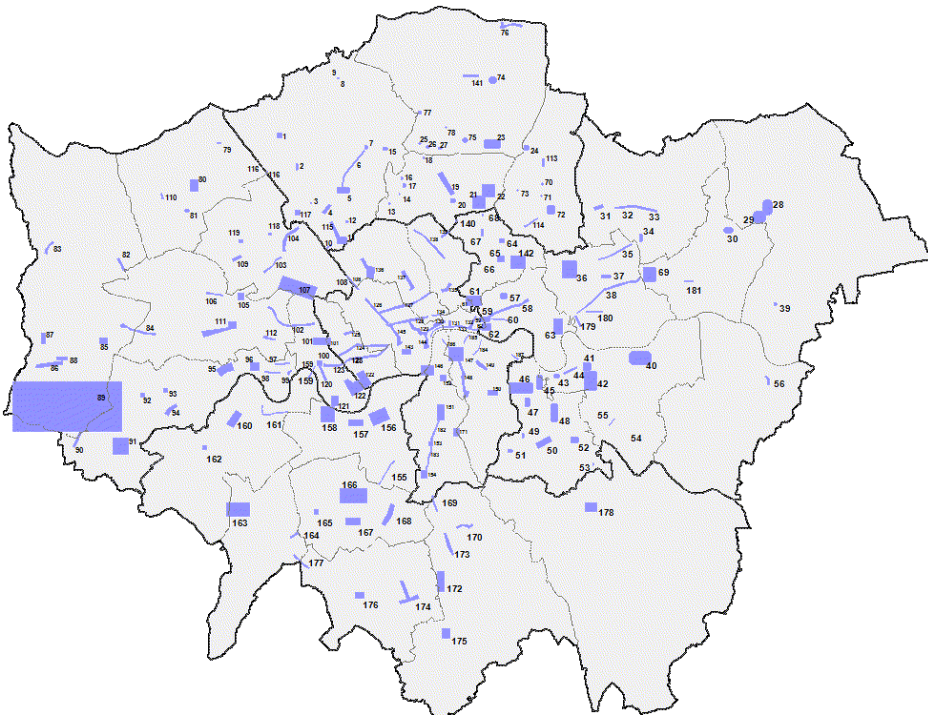
A map of London showing the River Thames in blue and a dense network of transport lines in various colors (red, orange, yellow, green, blue, purple, black) radiating from the center. The map is overlaid with a semi-transparent tan-colored area representing the London Underground's focus areas.

Focus Areas Update

LAEI Workshop 14th April 2016

Focus Area Identification: Updating April 2016

- Updated list will be produced following Borough consultation
- Focus Areas consider exposure and concentrations including residential and high streets
- Many other areas have high pollution and/or exceed limit values.
- These areas reflect locations where local measures and strategies could improve air quality and reduce exposure



Process – Originally part of SRTP in 2010

2011 Baseline Air Quality

- MAQS 2011 Baseline Air Quality pollution concentrations maps for NO₂ and PM₁₀
- 20m grid square resolution across London

Identify Areas with High Pollution in 2011

- Identify locations exceeding 40 ug/m³ annual mean NO₂, and those above 31.5 ug/m³ annual mean PM₁₀ (roughly equivalent to daily mean PM₁₀ limit value)
- Excludes locations within the road carriageway, but includes kerbside locations

Check for Exposure

- Use google street view, satellite photography, sites visits and local knowledge to determine if there is human exposure
- Considers residential properties, shopping areas with high potential for pedestrians.
- Does not include activities, number of properties or statistical population assessment.

Process – Originally part of SRTP in 2010

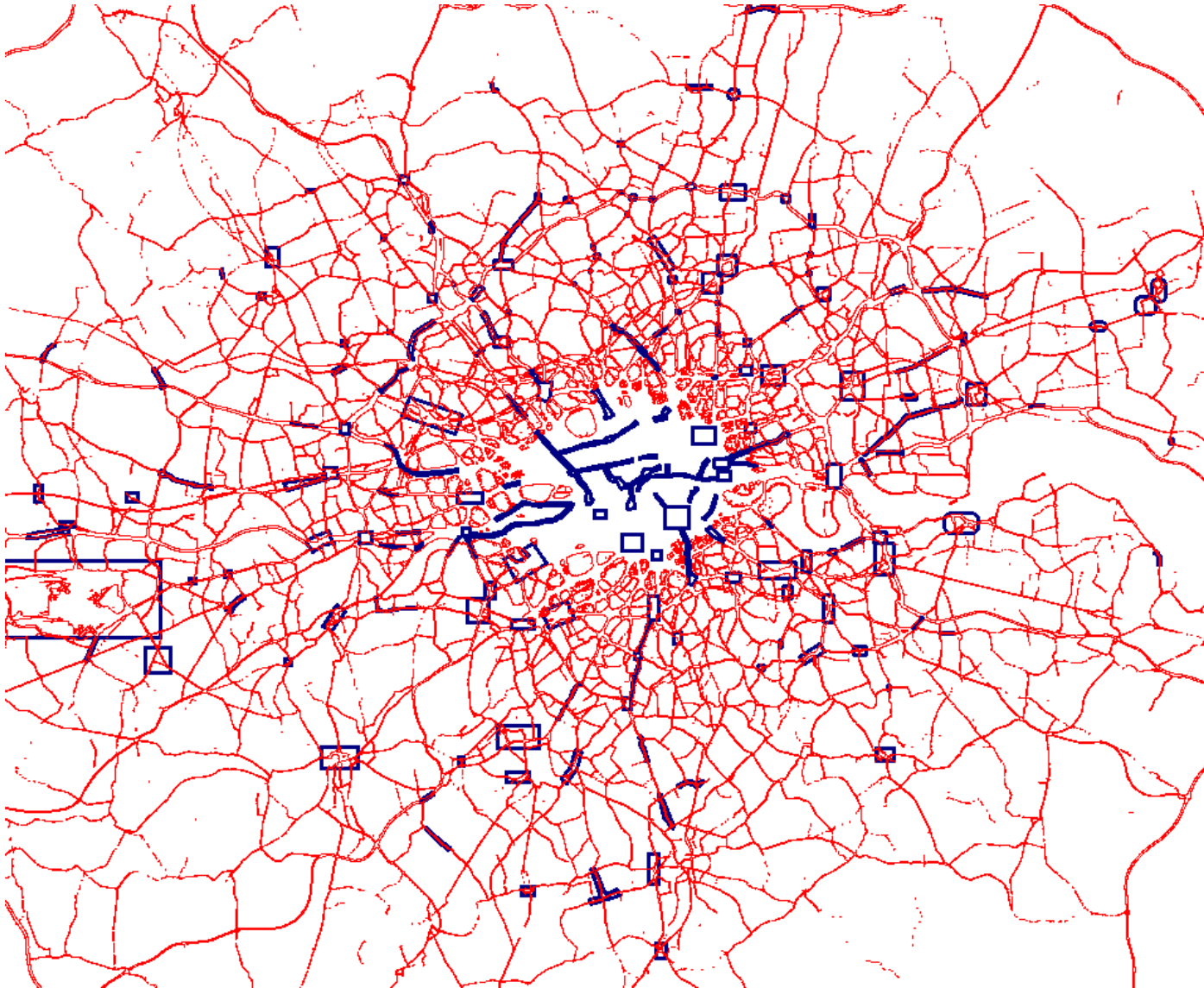
Considers potential local characteristics

- Check for local geography and topography including street canyons, walls and barriers, tunnels, elevated or depressed road sections which may affect dispersion locally but not necessarily reflected by dispersion models
- Consider local sources such as bus routes and stations, major junctions and transport interchanges
- Determine if location is on or near the London Freight Network
- Generally excludes local characteristics, particularly temporary traffic patterns caused by local circumstances

Cross-check with Boroughs LAQM findings

- Determine if any specific areas have been highlighted for concern by Boroughs within the LAQM (Local Air Quality Management) review process
- Other local circumstances are unlikely to be reflected by modelling techniques
- Includes consideration of LAQN air quality monitoring network in order to ensure findings are consistent

2013 Concentrations with 2010 Focus Areas



Propose amended list

Feedback from Boroughs

Revise List by end of May 2016

Thank you

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