

# Environmental Bulletin No. 2 of 2017

## Air Quality

### Air Quality on the river

The human effect of air quality is of increasing concern in the UK and Europe, particularly in urban areas like London. The Thames offers an effective answer in reducing emissions by transporting freight, as one barge can remove up to a hundred HGV trips and also shifting the emissions away from vulnerable receptors.

As road engines become more efficient, the focus is turning emission savings from vessels. Whilst they will, in terms of loads carried, be much more efficient, data is not available to evaluate the emissions from inland vessels and the resultant impact on London and the wider Thames catchment.

The PLA is developing a port-wide air quality strategy and in order to do so is undertaking a number of data collection activities in 2017, following the introduction of the Green Tariff in the beginning of the year.

We have produced an update document to illustrate the work that we are undertaking. This is available at <http://www.pla.co.uk/environment/Air-Quality-and-Green-Tariff/Air-Quality>

### Air Emissions Inventory

The Greater London Authority and Transport for London provide two emissions inventories for London; the London Atmospheric Emissions Inventory (LAEI) and the London Energy and Greenhouse Gas Inventory (LEGGI). The Mayor supports the continued improvement to these inventories to ensure that boroughs and other organisations have access to accurate emissions information to help develop effective policies. The inventories are critical to the development, implementation and monitoring of the Mayor's Environment Strategies and schemes such as London's Low Emission Zone (LEZ) and the new Ultra-Low Emission Zone (ULEZ).

The PLA and TfL are undertaking a compilation of a port wide inventory of marine based plant and vessels on the Thames and existing inventories.

### How can you help?

The PLA and TfL have commissioned Aether to calculate the total air emissions of the Port of London in 2016 to report to Government. We are also looking at trends of fleets & technological choices since 2010 to calculate how the Port emissions may change in the future. To help us in this work and to ensure that the best outcome from the river, we would appreciate it if the operators could answer the questions within survey. The data you provide will be treated confidentially and will only be used for the inventory work.

### Where do I find further information?

Further information about air quality and updates on the work that the PLA is doing and the green tariff can be found here; <http://www.pla.co.uk/Environment/Air-Quality-and-Green-Tariff>

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