

## Environmental monitoring programme

This proposal is to run alongside Parking and traffic review proposals submitted by 6sglobal. The initial project scope can provide traffic monitoring through various areas of the city, 6sglobal will in addition to the traffic monitoring initiative calculate the mean of pollution levels created within the traffic monitoring areas.

### Background

Our environmental specialist, created the first geo ringfencing areas within London relating to pollution reduction, as identified below.

### Geo Ring Fencing

London is one of the most polluted cities in Europe. Air pollution causes each year around 29,000 deaths<sup>1</sup>. It is estimated there are over 4,000 extra deaths each year in London from particulates and health costs are estimated at up to £16 billion a year.

With politicians failing to tackle a “silent killer” that is believed to lead to thousands of premature deaths each year. Action must be taken sooner rather than later; the UK is lagging behind many European cities who are addressing the requirements of the Air Quality Directive. The recent unanimous ruling from the Supreme Court will force the government to replace the UK’s existing air quality plans to comply with the Air Quality Directive by 2030, this may well speed thing up although even then compliance would only be achieved by 2030 some 20 years behind the EU’s deadline.

The City of London is working to improve London’s air through the Mayor’s Air Quality Strategy 'Clearing the air', investing in air monitors and providing information to the occupants of London. Such monitoring data indicates NO2 levels recorded at London’s worst blackspot, where Marylebone Road joins Glentworth Street, showed 132 micrograms - about three and a half times the EU maximum.

The programme of change will allow the company to become even Greener, therefore to aid our ‘change over’ programme The company has become the provider to ‘Geo Ring-fence’ high pollution areas within the city.



Working with the City of London council, the company has 'geo ring-fenced' 4 high pollution areas within the borough.

These are: -

### Cheapside EC2



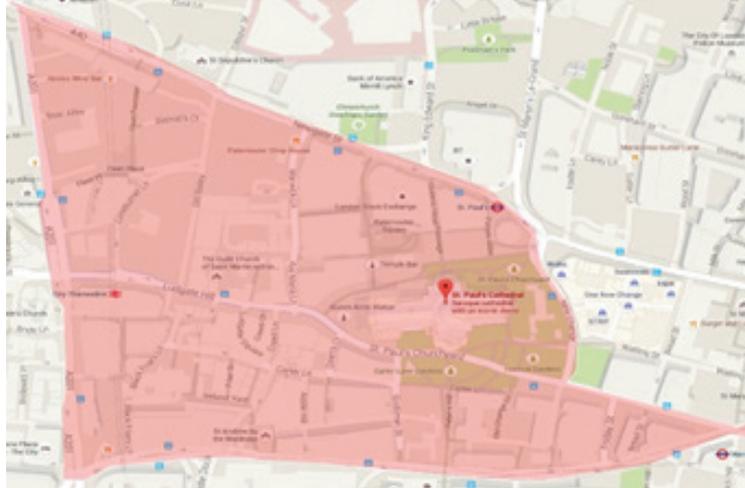
### St Bart's hospital EC1A



### Aldgate EC3A - Near John Cass Primary School



## St Pauls Churchyard EC4M and surrounding area



## Available services

So, what is Geo Ring-fencing, the company has requested that all hybrid drivers turn their vehicles to the EV mode whilst driving down the four identified areas. Such a move reduces the amount of pollution being generated in these areas by our vehicles. Our unique auto allocating system is also being adapted to 'remind' drivers to switch to the Electric Vehicle (EV) mode when entering these areas.

The company hopes that in the future, it will be able to add more 'Geo ring-fenced' locations to the existing sites. The Defra Minister for air quality Rory Stewart, should be aware that there is more support than he appreciates across London for bold action to improve air quality. The company is the first and is willing to work with the authorities to continually improve the Air quality for the people of London.

Typically, programmes would be split into two phases,

Phase 1. mean monitoring of traffic through general traffic counting measures.

Phase 2. Detailed monitoring identifying the type of vehicle using a stretch of road.

The phase one report will be supplied with the traffic monitoring programme.

The phase two study will be required to be funded to allow for detailed analysis of the results found. The final report from phase 2 would recommend geo zones for high pollution areas. The report would also use pollution data from existing pollution sensors to identify any additional geo zones which may be required.

<sup>1</sup> Defra 2015