



West End Stress Area (limits permissions for new night time economic activity)
NO2 Pollution above EU max

FitzWest Question
Q7. ENVIRONMENT
What environmental improvements would you like to see?

A NOTE ABOUT POLLUTION

We have no pollution testing stations in FitzWest. This map shows the estimated average nitrogen dioxide emissions above $60 \mu\text{g}/\text{m}^3$ /year from a model by King College London, that is extrapolated from nearby testing stations. (2010 figures) The EU recommends a maximum annual average of $40 \mu\text{g}/\text{m}^3$ /year.

It is estimated that over 10,000 people die in London each year due to pollution. Pollution comes from burning fossil fuels like gas or coal and air conditioning, bus and private vehicle emissions and the lack of green foliage to absorb it.

The *Urban Heat Island Effect* occurs when a city neighbourhood becomes much warmer than the air around. This *temperature inversion* (a trapped bubble of hot, polluted air) stops pollutants from dispersing, leading to fogs, smogs and lung damage, especially amongst the young and the old.

Proposals

What do you think of the proposals to build resilience and sustainability into the plan?

- Identify areas for planting in FitzWest, including walls and roofs, that can mitigate against pollution and water run off.
- Recognise FitzWest as an *Urban Heat Island Action Area* by limiting heat producing activity like air conditioning and encourage cooling via planting and water features etc.
- Support the early designation of FitzWest as an ultra low emissions neighbourhood for priority action. GLA plans this for 2020.
- Stipulate high environmental standards of new development - energy efficiency, water use and waste management.
- Identify areas to reduce and protect from road traffic.
- Extend the Soho stress area into FitzWest.