

## **Putney Society Citizen Science exercise, 2018: Provisional conclusions:**

1. Overall, there's been a significant reduction in measured NO<sub>2</sub> levels: for the 17 sites which are directly comparable between 2016 and 2018, levels reduced from 65.4 µg/m<sup>3</sup> to 49.9 µg/m<sup>3</sup>, a reduction of 23.7%.
2. All the 17 sites (bar one) showed reductions of between 4.4% (Putney Bridge Road, west of Merivale Road) and 46.0% (Putney High Street, outside the Odeon cinema).
3. The exception was the site on Putney Hill just outside Putney High School, where the level increased by 4.4%.
4. Despite this reduction, the average level in the 17 sites is still 25% above the EU "safe level" of 40 µg/m<sup>3</sup>.
5. Comparing our results with those from the WBC monitoring sites, the reductions on NO<sub>2</sub> levels were broadly similar.
6. Of the 4 school sites which we tested this year, the Methodist Church nursery (34.6) and the Merlin School (35.7) were marginally below the 40 µg/ m<sup>3</sup> level, whilst Hurlingham School (41.5) and Putney High School (78.8) were above it.

**These results largely tend to bear out the hypothesis that the general reductions in NO<sub>2</sub> levels achieved have resulted from TfL's introduction of hybrid buses.**