

## **Appendix 5 - Air Quality and School Projects**

There are a number of stakeholders within the Council involved in the delivery of air quality projects relating to schools.

Several action points in the Council's air quality action plan relates specifically to schools:

### **Action point 7- TfL Sustainable Travel Active Responsible Safer (STARS)**

This action is to encourage schools to join the TfL (STARS) programme.

### **Action point 8 – Air quality at schools**

Bonner Primary (Mile End site) – a 6 week citizen science programme was delivered. The project worked with Year 5 class of schoolchildren to educate, inform catalyse conversations about air quality. The aim of the programme was to embed long-term, durable behaviour change in participants. This included increased walking and active travel, understanding and using clean air routes, and encouraging less car use, particularly for short journeys. In addition to the in-school academic programme, the project also focused on involving families, the local community and local businesses to engage with the programme, which culminated in a Town Hall-style presentation event at The Centre, Mile End in June 2018. At the Town Hall meeting, students from both Bonner Primary Schools enthusiastically presented their learnings in a variety of media. There was a captive audience of 200 people, representing a wide range of the Mile End and Tower Hamlets community.

### **Action point 9 – GLA school audits**

Two primary schools, Bonner and Marner audited in 2017/18 and two nursery, Columbia & Alice Model audited 2018/19. Funded by the GLA with Officer time provided by officers from the Pollution Team. £10,000 made available by the GLA to the schools following the first audits for implementation of the recommendations. Marner has taken up funding from the GLA and proposes to install a green wall. Bonner has been offered assistance in taking up GLA funding both from the GLA and officers of the Pollution Team. It is understood the school hasn't taken up the offer. Reports following the nursery schools audits haven't been published yet.

### **Action point 10- schools anti-idling project**

Engagement with schools and installation of anti-idling signage at school parking areas in high pollution areas. A total of 5 anti-idling events delivered in 2018/19 at Bonner, English Martyrs, St Lukes, Globe and Mayflower schools. This Project is funded by GLA and delivered in partnership with Greengumption. The focus is on engagement and awareness raising. Officers from the Environmental Health & Trading standards service have hand delivered anti-idling signs schools to 22 schools.

### **Action point 11- Schools Environmental Theatre**

20 air pollution workshops at various schools across the borough to teach children how their travel choices affect air quality. Schools included:

St Elizabeth Catholic Primary School  
Virginia Primary School

Osmani Primary School  
 Marner Primary School  
 Bonner Primary School x 2 sites  
 Clara Grant Primary School  
 St Peter's London Docks Primary  
 Hague Primary x 2  
 Kobi Nazrul Primary School  
 William Davis Primary School  
 St Saviour's Primary School  
 Hermitage Primary School  
 Manorfield Primary School x 2  
 Mayflower Primary School  
 Olga Primary School x 2  
 Woolmore Primary School

Action points 8 and 10 were funded by Environmental Health & Trading Standards.

There are other projects that are not in the Council's AQAP but these projects involve working with a local school/s and have a positive beneficial air quality effect. These are listed below.

**C40 cities project.** A GLA funded project undertaking hyperlocal air quality monitoring using low cost sensor, AQ meshes. Monitoring is being carried out at several schools in Tower Hamlets. Environmental Health & Trading Standards facilitated the schools.

Site Name	Location	Duration
Oaklands Secondary School	Old Bethnal Green Rd, London	12 months
Bonner Primary School	Stainsbury St, London E2 0NF	3 months
Marner Primary School	Devas St, Bow, London E3 3LL	3 months
Alice Model Nursery School	14 Beaumont Grove, London E1 4NQ	3 months
Columbia Market Nursery School	London, E2 7PG	3 months
Rachel Keeling Nursery School	Bullards Place, London E2 0PS	3 months

### **Tower Hamlets Mayor's Air Quality Fund**

**First Round:** Olga and St Luke's primary schools given funding to install green screens.

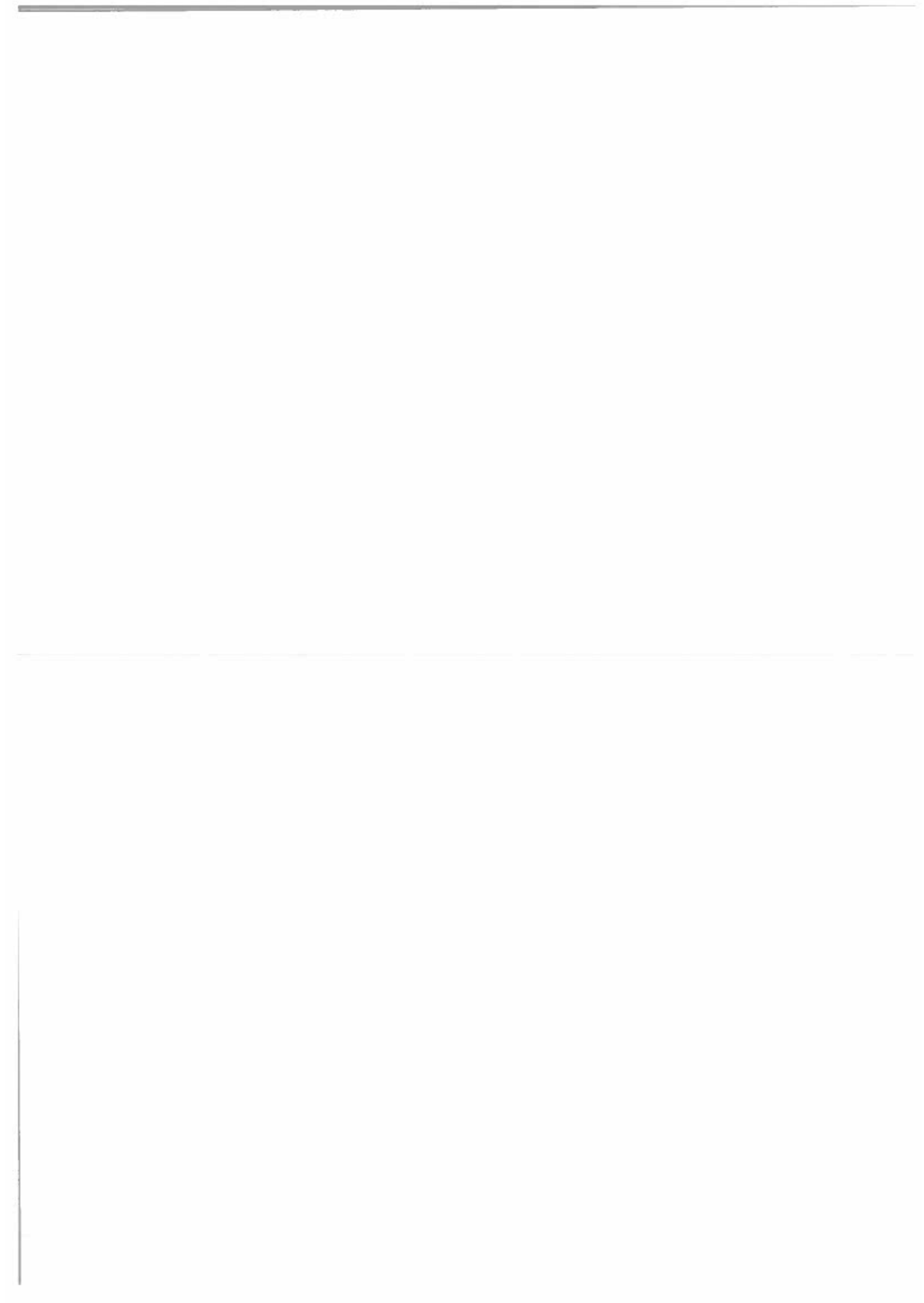
**Second Round:** School linked projects with formal approval for award

- Citizens UK. Aims to work with Churches, Mosques, primary/secondary schools and Queen Mary University.
- Clean Air for Kids. Chisenhale School, Old Ford School, Malmesbury School and Olga School.
- Tower Hamlets Secondary School Pollution Awareness & Community Market Outreach days.
- Air-Mazing Schools Whitechapel.
- Clean air border planting Shapla Primary School
- Multi Model School project – St Paul's Way Foundation Primary School.
- Planting Healthy Air in Schools Woolmore Primary. Confirmation from school being sought.

- Air eQuality Mulberry School for Girls & Bow Nursery.

**Schools Streets** – A report on this was produced for the AQP meeting on 5/3/19 (attached).

**Bike it Plus Tower Hamlets**- A project funded by the Council and delivered by Sustrans. Refer to flyer for more details about the project.



# Bike It Plus Tower Hamlets

Bike It Plus works closely with schools to reduce car trips by promoting active travel, with a focus on Air Quality. We make it easier for school communities to travel actively by providing them with the support and encouragement needed to create real behaviour change. This is done using the key phases of engagement shown below.

In Tower Hamlets the project is funded by Jack Ettinger from Development, Public Realm at Tower Hamlets Council. In the academic year 2018-9, the project is funded part time at the cost of £35,000. In the previous academic year the project was match funded by TFL giving Tower Hamlets a full time officer.

Academic year 2018-9 Bike It Plus is working with four new schools (Bygrove, Landbury Lawrence, Mamer and Woolmoore primary) and continuing to support four schools (Culloden, Mayflower, Stebon and St Saviour Primary School) who engaged in the project last academic year.

<p><b>Awareness</b> Building awareness of the project in the new schools that we work in and creating conditions to nurture success.</p> <p>Launch Assemblies; Pupil and Parent Focus Groups; Car Free Days; Set up Bike It Crews</p>		<p><b>Empowerment</b> Providing the tools to make positive changes to travel behaviour and breaking down barriers to active travel.</p> <p>Dr Bike; Cycle and Scooter Skills; Clean Air Routes to School; Parental Engagement</p>	
	<p><b>Action</b> Helping the school community to make changes to their travel behaviour.</p> <p>Bike Clubs; Walking Zone Competitions; Incentive Schemes e.g. Healthy Travel Cards</p>		<p><b>Sustaining</b> Allowing a cycling culture to continue to thrive in the school post-officer engagement.</p> <p>Walking Buses; Play Streets; Staff trained to deliver Bike Clubs</p>

## Results 2017-18



12 Primary schools engaged



Delivered 606 activities



Active travel to Bike It school increased by 6.8% following project delivery.



Driving to Bike It school reduced 6.5% following project delivery.

*Bike It is having a major impact on our school. Children are more interested in how they can help to decrease air pollution. Bike It has helped them to make the link between air pollution, exercise and healthy lifestyle. The enthusiasm of the Bike IT Crew keeps the rest of the school buzzing about what is happening next."*

**School Champion**  
Culloden Primary school



