

## FACT #3

FINE PARTICLE CONCENTRATIONS IN THE PLAYGROUND NEXT TO A BUSY ROAD CAN BE COMPARABLE TO THOSE ON THE MAIN ROAD DURING DROP-OFF HOURS.



Nature-based solutions, such as a dense hedge around the school perimeter, can help to improve air quality in the school environment.

Any activities in the playground should be limited during drop-off hours until adequate mitigation measures are implemented by the school and/or community.

### CHILDREN

- If your playground is near a road, try not to play near that road in the mornings.

- Any outdoor classes in morning hours should, where possible, be rescheduled for later in the school day (i.e. afternoon).

### SCHOOL

- Schools can plant or improve low-allergy, non-poisonous green barriers (e.g. hedges) between school premises and nearby roads to further reduce traffic impacts on school environments.
- Consider implementing an additional entry close to the main road, with a safe footpath surrounded by green barriers inside the school premises.
- Schools should prevent children from playing near any fence bordering a busy road.

### COMMUNITY

- Local community members can support the school in planting green barriers around the school and/or implementing other suitable control measures.
- Local community should collaborate with local authorities to adopt a planning approach in all existing and new developments that prioritises safe and enjoyable streets, in order to encourage parents and children to walk.



GLOBAL CENTRE FOR  
CLEAN AIR RESEARCH

UNIVERSITY OF SURREY