

# Air Quality

The Kuala Lumpur-Singapore High Speed Rail (KL-SG HSR) is a transformative transportation project that aims to facilitate seamless travel between Bandar Malaysia, Sepang-Putrajaya, Seremban, Melaka, Muar, Batu Pahat, Iskandar Puteri in Malaysia and Jurong East in Singapore.

## KL-SG HSR project will go through three distinct phases:



### Design Phase

No air pollution is expected as works will be confined to desktop related activities. However, permissible level of air pollution is expected to be significant during the construction phase.

### Construction Phase

Key project activities that will generate permissible level of dust dispersion during the construction phase are:



Land clearing



Demolition of buildings



Earthworks



Movement of vehicles



Tunnelling works

### Operational Phase

During operational phase, the air pollution is expected to be insignificant. HSR would reduce approximately 435,000 tons of CO2 emission per annum based on the passenger shift from private motor vehicles, buses, KTM train and aircraft.

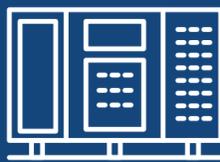


### Mitigation Measures

Air pollution mitigation measures have been incorporated into the project's design, as follows:



**Soil loads** on construction vehicles shall be kept covered during transportation.



**Hoardings** to be provided around the Project sites wherever feasible.



Construction vehicles to go through **washing bays** before leaving construction sites and exiting on to the roads.



**Air quality monitoring** shall be conducted to ensure compliance to the DOE's stipulated standard limits.



**Regular spraying and sweeping** at the entrance and exit points of construction sites.



**Speed limits** to be implemented within the site to reduce dust churned up.

DOE enforces guidelines for air quality (during construction and operations). MyHSR remains committed to comply to the relevant regulatory requirements. For further details, please visit us at [www.myhsr.com.my/kl-sg-hsr/environmental-impact-assessment](http://www.myhsr.com.my/kl-sg-hsr/environmental-impact-assessment)