

A monitoring framework/ Plan for an example SEA - Air

Example SEA: Main road corridor Masterplan

SEA Sub-objective	Positive/negative effect	Mitigation/enhancement measure	Monitoring indicator (monitoring frequency)	Target	Responsibility for Monitoring	Trigger Action
To reduce air pollution	Increased emissions of pollutants from increasing vehicle movements	<p>Improve access to, and infrastructure for, public transport and cycle-ways</p> <p>Provide/ improve park and ride facilities</p>	<p>Concentration levels ($\mu\text{g.m}^{-3}$) of all AQS pollutants within the Masterplan area (daily/ monthly)</p> <p>Congestion levels in towns (hrs per vehicle and km during a 1 month period)</p> <p>Traffic flow on key routes within Plan area (vehicles per month)</p> <p>Average speed on corridors (annually)</p>	Maintain or reduce concentration levels of AQS pollutants within legal daily/ monthly limits	Local Authority (roads/ planning/ environment departments)	<p>Monitoring demonstrates successive decrease in air quality during a specified monitoring period (e.g. 3-6 months).</p> <p>Contingency actions:</p> <ul style="list-style-type: none"> Consider establishing an AQMA in affected areas if objectives/targets are not achieved within the timeframe Recommend changes in the next revision of the Masterplan to reduce the effect
To reduce linear source air pollution	Reduced linear source air pollution due to improved rural access by new public transport schemes	<p>Publicise improvements to public transport</p> <p>Ensure that public transport information is easily accessible</p>	<p>Concentration levels ($\mu\text{g.m}^{-3}$) of all AQS pollutants along key roads within the Masterplan area (daily/ monthly)</p> <p>Percentage modal split in transport use (per year)</p>	<p>Maintain or reduce concentration levels of AQS pollutants within legal daily/ monthly limits</p> <p>Reduce private car usage by 5% within 2 years of Plan implementation</p>	<p>Local Authority for air pollutant concentrations and transport statistics (roads/ planning/ environment departments)</p> <p>Central government for regional/ national transport statistics</p>	<p>Monitoring demonstrates no improvement in air quality along key roads during a specified monitoring period (e.g. 6 months).</p> <p>Contingency actions:</p> <ul style="list-style-type: none"> Recommend changes in the next revision of the Masterplan to secure a reduction in linear source air pollution Reconsider public transport provision within the Masterplan area

Note: This table provides a framework to illustrate how this guidance could be used.