*The use of energy efficient low emission vehicles will be promoted.*

**Signature project "Air Care" vehicle emissions action program**

The relatively low density and dispersed settlement patterns in SEQ planned for in the Regional Framework for Growth Management, coupled with people's affinity with the car, make it essential to take action on vehicle emissions directly.

Poorly maintained vehicles or vehicles with malfunctioning emission control systems are a major contributor to vehicle emission totals.

"Air Care" is a multi-faceted program incorporating:

- undertaking a substantial public information campaign to help people understand how their travel choices and vehicles contribute to air pollution;
- a public education campaign will seek to improve tuning of motor vehicles and encourage greater use of public transport;
- expanding the existing Smoky Vehicles Program and inclusion of local government officers;
- implementing a random on-road vehicle emissions testing program targeting high pollution vehicles;
- implementing a voluntary emissions testing program;
- vehicle emissions compliance as part of road-worthy certification on re-sale of motor vehicles; and
  improving heavy vehicle emission standards, emission control measures and emission compliance.

Following further research into similar international and interstate projects, and evaluation of the scale of the problem through the above program elements, the "Air Care" program will investigate the effectiveness of future management options including:

- requiring "Air Care" certification (compliance with vehicle emission standards), as part of registration renewal; and
- improved tuning regimes for cars, heavy vehicles and buses.

Significant reductions in air pollution from such a program are probable, and the worst types of high-polluting vehicles would be addressed cost-effectively.

## 12.3 Transport infrastructure development

By 1997, transport agencies and local governments will operate under Environmental Management Systems which ensure that air, noise, energy and water management techniques and procedures are used during the planning, design, construction and operation of transport infrastructure.

It will also be necessary to develop a better understanding of the transport impact on air and water quality, noise levels, and energy consumption to allow:

- better evaluation of the impacts of transport projects; and
- better targeting of environmental initiatives.

The *South East Queensland Regional Air Quality Strategy* currently being developed will improve the level of understanding of the transport impact on air quality and allow evaluation of air quality impacts of transport proposals.

Environmental management techniques and procedures will be used to achieve appropriate water quality standards during the construction and operational phases of new transport infrastructure.

Transport infrastructure design manuals and approval procedures will be revised to guide improvements to transport infrastructure so that:

- pedestrian and cycling paths provided when appropriate;
- air, water and noise pollution effects of the transport systems are below the *Queensland Environment Protection Act* guidelines;
- the amenity, visual appeal and biodiversity of the natural environment is maintained; and
- the heritage, character, design and quality of urban and rural environments is respected.

**ACTIONS:**

| | |
|---|---|
| KA 12.5 | Develop and adopt environmental management systems |
| A 12.6 | Conduct environmental audits of the transport system |
| A 12.7 | Incorporate environmental considerations in design manuals |
| S 12.8 | Continue programs to reduce and manage noise impacts |
| S 12.9 | Ensure planning and building approvals take account of impacts of adjacent transport systems |

*Noise measuring device.*