

SOLUTIONS – REDUCING ENVIRONMENTAL IMPACTS

Reduce greenhouse gases in line with State Government targets, as well as other air emissions from the vehicle fleet

- Monitor the emissions profile of the transport sector and develop strategies to contribute to the State's emission targets and the achievement of the carbon-neutral Green Adelaide Zone.
- Encourage shifts in both passenger and freight transport to lower emission modes.
- Improve local air quality by making the shift to electric trains (electrification also allows for potential future benefits of increased renewable energy).
- Encourage and adopt new technologies and practices in infrastructure design, construction and maintenance which reduce greenhouse gas and other emissions from transport.
- Encourage early replacement of ageing transport fleets (all modes)
- Implement strategies within *South Australia's Low Emissions Vehicle Strategy*, including:
 - Promote fuel efficient vehicles and encourage maintenance programs for optimum performance.
 - Facilitate increased use of renewable and low emission fuels in South Australia.
 - Remove information, policy and market barriers to electric vehicles.
 - Provide the community with tools and authoritative information about ways to reduce vehicle emissions.
 - Support research, development and commercialisation opportunities for South Australia relating to low emission vehicles and fuels.

Reduce noise emissions and their impacts

- Reduce the noise profile of the transport sector.
- Deploy the Minister's Noise Specification for new housing developments adjacent tram lines, train lines and major traffic routes.
- Undertake noise mitigation when constructing new or substantially upgraded roads or railways adjacent to areas that are sensitive to noise.
- Participate in national policy forums to reduce noise and air emissions from vehicles including, for example, improving Australian Design Rules for vehicles.

Improve environmental design, resource use and procurement practices

- Minimise transport and land use effects and enhance the natural environment by using appropriate sustainable design principles, guidelines and targets for projects
- Adopt energy saving, low emission technologies as they become available.
- Develop an environmental procurement policy

Build relationships

- Find innovative ways to collaborate with environmental groups and the community.