

Date 11 Apr 2008

The Secretariat
The Garnaut Review
Parliament House
Canberra ACT 2600

Dear Secretariat,

10,000 Friends of Greater Sydney (FROGS) makes this submission to the Garnaut Review on key climate change issues based on findings from the *Sustainable Transport in Sustainable Cities* project undertaken by the Warren Centre at Sydney University in which members of FROGS were involved and which FROGS has the carriage off to fruition; and subsequent work by FROGS in pursuit of that task. The reports are an integral part of the submission.

Credentials for making the Submission

Two hundred of Australia's leading professionals and practitioners invested 3¹/₂ years and \$4 million in the *Sustainable Transport in Sustainable Cities* project (STSC). The project's leaders and contributors covered a wide range of disciplines including urban planning, transport, economics, law, community behaviour, health and education. They were drawn from all States of Australia and included invited overseas specialists from the UK, Europe and the United States. Almost 2000 persons drawn from the wider community were involved in the project.

The *Sustainable Transport in Sustainable Cities'* findings have been well received by government; industry and professional associations and the project won the prestigious Bradfield Award for Engineering Excellence in NSW.

FROGS was established specifically to pursue implementation of the STSC findings and broaden that to the objective of developing a sustainable Sydney in areas of water, energy, waste, transport and biodiversity.

Submission

This submission relates the findings of the *Sustainable Transport in Sustainable Cities* project to the Garnaut Review into climate change.

This submission comprises this summary letter and the attached:

- ◆ 10,000 Friends of Greater Sydney Brochure
- ◆ *Sustainable Transport in Sustainable Cities* Project
 - ◇ Final/Summary report – *Towards a City of Cities*,
 - ◇ An Omnibus CD for the full report containing the 13 reports mentioned below comprising over 100 technical papers
 - # *The State Of Play*; # *Reforming through Informing*;
 - # *Community Values Research Report*; # *Why Travel?*;
 - # *Healthy Transport, Healthy People*; # *Moving People*;
 - # *Changing Travel Behaviour*; # *Freight: The Forgotten Task*;
 - # *Transport Pricing: more than just a tax*; # *Flying: Planes and Trains*;
 - # *A City of Cities*; # *Removing The Barriers*
- ◆ *Sydney Integrated Transport Strategy* Brochure
- ◆ The *Sustainable Transport in Sustainable Cities* project had a broad scope embracing social themes (health, equity and involvement), environmental impacts (congestion, emissions and energy) and planning and economic questions (eg urban form, density and multiple centres; community, regional and intercity access; costs and economic viability).

The project had a primary focus on achieving a sustainable city but the overriding goal was to enhance accessibility in a city by reducing the need to travel or travel so far and by providing an effective, affordable, equitable transport system that:

- ◆ Improved lifestyle for the community increasing access for everyone to everything;
- ◆ Increased use of public transport walking and biking and reduced growth of private motor car use;
- ◆ Improved freight logistics to enhance economy of movement;
- ◆ Increased social and financial equity;
- ◆ Reduced energy use;
- ◆ Reduced atmospheric pollutants and their contribution to climate change.

The subsequent *Sydney Integrated Transport Strategy* further developed the concept by identifying practical transport initiatives to implement the strategy in Sydney.

RESPONSES TO QUESTIONS RAISED IN ISSUES PAPER – FORUM 5, TRANSPORT, PLANNING AND THE BUILT ENVIRONMENT are set out below in relation to transport and land-use planning .

3.3 Barriers to lower emission passenger transport opportunities

What are the key barriers to the adoption of cost-effective and low emissions mode use in the passenger transport sector ?

- ∇ Lack of effective public transport as a viable alternative to the car in cities
- ∇ Lack of effective integration of transport modes and land-use in State Governments
- ∇ Lack of leadership by Governments in taking up viable initiatives including lack of interest of Federal Government in cities and their transport.

How might these be addressed effectively and efficiently by government policy ?

- ▶ Expand the Austlink plan to embrace transport in cities
- ▶ Re-introduce concept of *Better Cities* program

What policies would be suitable to address barriers to the uptake of more fuel efficient passenger vehicles ?

- ▶ Alter Federal and State tax structure to encourage move to more fuel efficient vehicles e.g. increase duty on 4 wheel drive vehicles which enjoy custom tax of trucks, and encourage States to vary registration tax to embrace traffic safety and pollution aspects as well as weight

How can land-use planning and the built environment be managed more effectively to lower reliance on high patterns of transport behaviour ?

- ▶ Re-introduce concept of *Better Cities* program

3.4 Barriers to lower emission freight opportunities

What policies could support cost-effective emission reductions in the freight sector ?

- ▶ Expand the Austlink plan to embrace transport in cities

3.5 Barriers to lower emission opportunities in aviation and international transport

What policies could support cost-effective emissions reductions in aviation and shipping ?

- ▶ Introduce very high speed train (VHST) network to link major centres in major cities (where it is financially viable) and incrementally extend from cities to link east coast cities of Brisbane, Sydney, Canberra and Melbourne.

We commit the above recommendations to you We are prepared to develop any of the aforementioned aspects with you or those that take the recommendations forward.

Yours faithfully

Desmond Dent CEO

PS We have not included attachments but these can be found on www:10000friends.org.au and the Warren Center [www: warrenc@eng.usyd.edu.au](http://www:warrenc@eng.usyd.edu.au) or we can post if necessary.

Attachments

- 10,000 Friends of Greater Sydney brochure
- Final report of the project - *Towards a City of Cities*,
- The Sustainable Transport in Sustainable Cities Omnibus CD.

Sydney Integrated Transport Strategy Brochure Top of Form

Desmond Dent

Secretary and CEO

10000 Friends of Greater Sydney