



REPORT OF THE  
STANDING COMMITTEE ON  
ECOLOGICALLY SUSTAINABLE DEVELOPMENT

IN RELATION TO THE

**NATIONAL CONFERENCES OF PUBLIC  
WORKS & ENVIRONMENT COMMITTEES**

**SYDNEY 27, 28 & 29 JULY 1998**

PRESENTED BY THE HON DR CHRISTINE SHARP (CHAIRMAN)

Report 3

## STANDING COMMITTEE ON ECOLOGICALLY SUSTAINABLE DEVELOPMENT

### **Date first appointed:**

26 June 1997

### **Terms of Reference:**

1. A Standing Committee on Ecologically Sustainable Development is established.
2. The committee consists of 5 members.
3. The functions of the committee are to inquire into and report to the House on:
  - (a) any matter in Western Australia concerning or relating to the planning for or management, use or development of natural resources and the environment having particular regard to demographic, economic, ecological, technological and lifestyle and settlement factors and concerns; and
  - (b) any Bill or matter referred to it by the House.

### **Members at the date of this report:**

Hon Dr Christine Sharp MLC (Chair)

Hon Dexter Davies MLC

Hon Norm Kelly MLC

Hon Ljiljanna Ravlich MLC

Hon Greg Smith MLC

### **Staff at the date of this report:**

Mr Michael Coleman, Advisory/Research Officer

Ms Kelly Campbell and Ms Connie Fierro, Committee Clerks

### **Address:**

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**Report of the Legislative Council  
Ecologically Sustainable Development Committee**

**in relation to**

**National Conferences of Public Works & Environment Committees**

**Sydney 27, 28 & 29 July 1998**

**1 Organisation of the Conferences**

- 1.1 The New South Wales Standing Committee on Public Works hosted the 1998 National Conferences of Parliamentary Public Works & Environment Committees at the Parliament House of New South Wales between 27 and 29 July 1998.
- 1.2 Western Australia was represented at the conferences by the Legislative Council's Standing Committee on Ecologically Sustainable Development. Hon Norm Kelly MLC and Mr Michael Coleman, the Committee's Advisory/Research Officer, were delegated by the Committee to attend.
- 1.3 Western Australia has not previously sent representatives to the conferences. As all other States and Territories and the Commonwealth have sent representatives to the conferences for a number of years, the participation of Western Australia is a welcome development.
- 1.4 The host Committee is a ten member committee of the NSW Legislative Assembly, chaired by Mr Paul Crittenden MP. Mr Crittenden and the staff of the Committee organised a full and stimulating program of speakers and site visits, using the excellent facilities of the NSW Parliament. Thanks are due to the host Committee and to Mr John Murray MP, the Speaker of the NSW Legislative Assembly, who opened the conference, for their work.
- 1.5 Two separate conferences were held consecutively, two days being devoted to the Public Works Committees' Conference and a day to the Environment Committees' Conference. A list of participants for each of the two conferences is attached as Attachment A.
- 1.6 The second day of the Public Works Committees' Conference was open to the public on a fee-paying basis. A number of representatives of government agencies and private sector organisations involved in transport matters attended and participated in discussion and questions. The benefits of this approach are firstly that the cost burden on the host Parliament is lessened, and secondly that a wider range of views is available to delegates than would be the case if only parliamentarians and their staff were present. At the same time it must be noted that this approach demands considerably more staff time and effort.

## 2 Conferences program

- 2.1 The bulk of the first day of the Public Works Committees' Conference was taken up with a site visit to the Sydney Olympics 2000 site at Homebush. The Conference received briefings on such matters as transport to the site, reclamation of and environmental improvements to the site (which had been an industrial area), building of the Olympic stadia and accommodation, and environmental measures applying to the site's planning and operation.
- 2.2 The theme for the second day was "Land transport in the 21st century". Presentations were offered on public transport, service evaluation and private sector involvement, amongst other things.
- 2.3 The Environment Committees' Conference on the third day had as its theme "Sustainability in the built environment" and included presentations on the areas of waste, energy and water.
- 2.4 Each Committee reported to one or both conferences on activities since the last conferences in July 1997. This Committee reported only to the Environment Committees' Conference. The text of Hon Norm Kelly's report is attached as Attachment B.
- 2.5 A copy of the full program for the Conferences is attached as Attachment C.

## 3 Outcomes of the Public Works Committees' Conference

### Role of a public works committee

- 3.1 Western Australia does not have a public works committee. The reports of committees from other jurisdictions suggest that most matters dealt with by public works committees in other jurisdictions could, in this State, be dealt with by one or more of the Legislative Council's **Public Administration, Ecologically Sustainable Development** and **Estimates and Financial Operations** Committees, and the Legislative Assembly's **Public Accounts and Expenditure Review** Committee.
- 3.2 The apparent effectiveness of other jurisdictions' public works committees suggests that having a committee dedicated specifically to oversight of expenditure on public works, as opposed to public expenditure and administration generally, may lead to better parliamentary review of public works than occurs at present in this State.
- 3.3 A feature of the public works committee in some jurisdictions is that a proposal to undertake public works requiring expenditure of over a set limit (say \$5m) **cannot** proceed until it has been referred to and reported on by the committee, and the Government has tabled a response to the report. However, in no case does a public works committee have the power to veto or impose conditions on a public work.

### **Public works committees and private sector projects**

- 3.4 An issue raised by a number of public works committees is that such committees came into existence to review works proposed and undertaken by government agencies, typically public works departments and water, gas, road, rail and electricity boards. Increasingly however, works traditionally falling into the category of public works are actually carried out by the private sector. Mr John Caldon of the Macquarie Bank presented an analysis of the transfer over recent years of more and more elements of large projects from the public to the private sector, culminating in works such as Victoria's build - own - operate - transfer (BOOT) Citylink project, where public sector involvement is limited to planning, some regulatory oversight of the project and eventual ownership.
- 3.5 Committee terms of reference in some cases appear to be broad enough to allow them to enquire into public works being undertaken in whole or in part by the private sector. However, whether because of limited terms of reference or because of the difficulty committees have in adapting to the role of reviewing joint public/private undertakings, committees do not appear as confident of their ability to adequately review projects which have significant private sector involvement.

### **Full cost accounting principles and environmental costs**

- 3.6 Most public works committees commented on a developing awareness that the **externalities** of a project can and should be taken into account when analysing costs. Where once review of a public work might have been confined to immediate costs actually incurred, true cost accounting principles now require that downstream, flow-on, recurrent and indirect costs be considered also. Drawing on the transport theme of the conference, proper evaluation of, say, the Fremantle Bypass or Narrows Bridge proposals requires consideration not only of the capital works costs of the project but also of ongoing maintenance costs, costs arising from additional road use, costs of impact minimisation measures, losses suffered by industries, homeowners and communities affected by the project and so on. Benefits should be treated in the same way. The Committee considers that true cost accounting principles should be taken into account by Government when evaluating public works.
- 3.7 Public works committees place varying degrees of emphasis on the environmental assessment aspect of their role. The question arises whether a project such as the Narrows Bridge, involving significant public expenditure and potentially significant environmental impacts, should be reviewed by a public works/estimates committee, an environmental committee or both. The Ecologically Sustainable Development Committee, in catering for both environmental and development concerns across both public and private sector, is probably more comprehensive in its role than many committees and is well placed to consider public works projects.

**Conference theme: evaluation of transport options**

- 3.8 Some of the approaches taken to transport issues in other jurisdictions could be useful in Western Australia. For instance, Mr David Anderson, Acting Manager, Transport and Environment, NRMA, told the conference that merely to stabilise car use Sydney needs to increase the proportion of trips taken using public transport from the current level of around 18% to around 40%. By contrast, the Committee understands that in Perth the proportion is in the order of 8%. Sydney also recognises and is working to overcome the inequity that wealthier areas tend to have better public transport. This Committee considers that approaches taken by cities like Sydney to public transport should be taken into account in evaluation of transport options in Perth.
- 3.9 Mr John Kirk, Director, Australasian Railways Association, told the conference that rail freight is 3-4 times more energy efficient than road freight, produces only 30% as much greenhouse gas, and is seven times safer. A semi trailer causes as much road damage as 20,000 cars: the cost to the public purse is not, but should be, reflected in the charges for semi-trailer use. Mr Kirk's conclusion is not that road transport should be restricted by regulation but that true cost accounting principles should apply to it so as to allow rail freight to compete on a level playing field.

**Other matters**

- 3.10 Two events unrelated to the conference but worth mentioning occurred during the conference. The first was the issuing of the first warnings about contamination of Sydney's water supply, which reminded delegates of the strong link between public works, environmental issues and the welfare of the community.
- 3.11 The second was the appointment of a member of this Committee, Hon Murray Criddle MLC, as WA's new Minister for Transport. The Committee warmly congratulates the new Minister on his appointment and hopes that his experience on this Committee might prove of assistance in his new role. The Committee's delegates to the conferences note that the strong focus of the Public Works Committees' Conference on transport matters would have been of great interest to the new Minister. All committees reporting to the conference noted the need for environmental sustainability considerations to be taken into account in the planning of transport infrastructure. The Committee is confident in the ability of Hon Murray Criddle to accommodate sustainable planning principles in the transport portfolio.

**4 Outcomes of the Environment Committees' Conference****Committee reports**

- 4.1 Environment committees reported to the conference on activities undertaken over the last year or so, principally inquiries on a wide range of topics from ballast water and aquaculture to fire management in native forest. This Committee notes the potential for duplication of work to be avoided where another committee's inquiry covers

matters of interest to this Committee, and intends in future to remain abreast of the work of other committees for this reason.

- 4.2 Hon Norm Kelly MLC presented the report of this Committee to the conference, describing the circumstances of the Committee's establishment a year prior to the conference, completion of a report on aspects of the *Environmental Protection Amendment Bill 1997* and progress on other inquiries into forest management, uranium and commercialisation of flora and fauna. The Hansard transcript of the report is attached as Attachment B.

### **Full cost accounting principles and environmental costs**

- 4.3 As with the Public Works Committees' Conference, a recurring theme in this conference was the importance of true cost accounting in effectively regulating the distribution of resources, and consequently the environmental impacts of resource use. It was generally agreed that informed decision making by communities and governments demands that all costs, whether direct, indirect, environmental, downstream or non-financial, are taken into account in a transparent process. This Committee considers that true cost accounting principles should be taken into account by Government agencies responsible for regulation of resource use.
- 4.4 Dr Neil Shepherd, Director General, NSW Environmental Protection Authority noted the shift in environmental protection throughout Australia from a "command and control" regime to a licence fee based, polluter pays regime whereby the polluter pays according to the degree and location of pollution.

### **Approaches to sustainability in other jurisdictions**

- 4.5 Mr Bruce Precious, Manager, Business Energy Efficiency, of the NSW instrumentality the Sustainable Energy Development Authority ("SEDA"), outlined a number of schemes by which SEDA promotes energy efficiency in business, government, retailing and in the home. A number of the schemes appear potentially suitable for adoption by WA Government agencies and could be promoted by the Department of Environmental Planning or Office of Energy. Some pages of SEDA's internet web site briefly outlining its programs are reproduced, with SEDA's permission, at Appendix D. This Committee considers that investigation of the SEDA programs by the WA Government would be worthwhile.
- 4.6 Other speakers told the conference about measures adopted in jurisdictions such as Germany and the US to minimise energy waste. The philosophy espoused by Mr John Denlay of Friends of the Earth and Dr Stuart White of the Institute for Sustainable Futures is that government should promote "least cost planning", whereby planning outcomes are measured in terms of effectiveness (provision of services), not quantities (provision of goods). Regulatory regimes should seek to recognise the environmental and cost benefits of systems which provide equivalent services while using less resources.



- 4.7 An example pertinent to Western Australia is encouraging the installation of low flow shower roses, which cost around \$40, provide the same quality of service as old fashioned shower roses and save the average household \$25/year in water and \$75/year in energy. Installation of low flow roses throughout the country would save each year the equivalent of half Perth's annual water consumption.
- 4.8 The Institute for Sustainable Futures has undertaken projects in Kalgoorlie to minimise water waste. Given the critical importance of water management in Western Australia, the Committee considers that the Government should consider the approaches promoted by SEDA and the Institute for Sustainable Futures.

## **5 Conclusion**

- 5.1 The Ecologically Sustainable Development Committee learnt a great deal from the conferences and offers thanks to the host committee, its staff and the NSW Parliament for arranging them. Delegates Hon Norm Kelly MLC and Mr Michael Coleman are happy to discuss any of the matters raised in this report with interested readers. The Committee looks forward to the 1999 conferences in Tasmania.

**Hon Christine Sharp MLC**

**Date:**

## ATTACHMENT A: PARTICIPANTS

**PARTICIPANTS****PUBLIC WORKS COMMITTEES' CONFERENCE*****Standing Committee on Urban Services*** - Australian Capital Territory

Mr Harold Hird MLA (Chairman)

Mr Simon Corbell MLA

Mr Dave Rugendyke MLA

Mr Rod Power (Secretary)

***Standing Committee on Public Works*** - Commonwealth

Mr Wilson Tuckey MP (Chairman)

Mr Ted Grace MP

Mr Michael Hatton MP

Mr Michael Fetter

Mr Bjarne Nordin (Secretary)

***Committee on Public Works*** - Queensland

Mr Les Dunn (Research Director)

***Environment, Resources & Development Committee*** - South Australia

Mr Ivan Venning MP (Chairman)

Hon Mike Elliot MLC

Hon Terry Roberts MLC

Mr Bill Sotiropoulos (Secretary)

***Standing Committee on Public Works*** - South Australia

Mr Peter Lewis MP (Chairman)

Ms Lea Stevens MP

Ms Gay Thompson MP

Mr Mitch Williams MP

Ms Lyn Van Der Ploeg (Secretary)

***Environment, Resources & Development Committee*** - Tasmania

Mr Shane Donnelly (Secretary)

***Standing Committee on Public Works*** - Tasmania

Hon Steve Wilson MLC (Chairman)

Mr Jim Cox MHA

Mr Peter Alcock (Secretary)

***Environment & Natural Resources Committee - Victoria***

Mr Cameron Boardman MLC

Ms Judy Maddigan MLA

***Standing Committee on Ecologically Sustainable Development - Western  
Australia***

Mr Norman Kelly MLC

Mr Michael Coleman (Advisory Research Officer)

***Standing Committee on Public Works - New South Wales***

Mr Paul Crittenden (Chairman)

Ms Diane Beamer MP

Mr Andrew Humpherson MP

Mr Jeff Hunter MP

Mr John Price MP

Mr Bill Rixon MP

Mr Gerry Sullivan MP

Mr Tony Windsor MP

Mr Bill Dunbar (Director)

Mr Ian Thackeray

## PARTICIPANTS

### ENVIRONMENT COMMITTEES' CONFERENCE

***Standing Committee on Urban Services*** - Australian Capital Territory

Mr Harold Hird MLA (Chairman)  
Mr Simon Corbell MLA  
Mr Dave Rugendyke MLA  
Mr Rod Power (Secretary)

***Standing Committee on Public Works*** - New South Wales

Mr Paul Crittenden (Chairman)  
Ms Diane Beamer MP  
Mr Andrew Humpherson MP  
Mr Jeff Hunter MP  
Mr John Price MP  
Mr Gerry Sullivan MP  
Mr Bill Dunbar (Director)  
Mr Ian Thackeray

***Sessional Committee on the Environment*** - Northern Territory

Dr Richard Lim MLA (Chairman)  
Mr Stephen Dunham MLA  
Mr Graham Gadd (Secretary)

***Standing Committee on Public Works*** - South Australia

Mr Peter Lewis MP (Chairman)  
Ms Lea Stevens MP  
Ms Gay Thompson MP  
Mr Mitch Williams MP  
Ms Lyn Van Der Ploeg (Secretary)

***Environment, Resources & Development Committee*** - South Australia

Mr Ivan Venning MP (Chairman)  
Hon Mike Elliot MLC  
Hon Terry Roberts MLC  
Mr Bill Sotiropoulos (Secretary)

***Environment, Resources & Development Committee*** - Tasmania

Mr Shane Donnelly (Secretary)

***Standing Committee on Public Works - Tasmania***

Hon Steve Wilson MLC (Chairman)

Mr Jim Cox MHA

Mr Peter Alcock (Secretary)

***Environment & Natural Resources Committee - Victoria***

Mr David Perrin MLA (Chairman)

Ms Judy Maddigan MLA

Mr John Pandazopoulos MLA

***Standing Committee on Ecologically Sustainable Development - Western  
Australia***

Mr Norman Kelly MLC

Mr Michael Coleman (Advisory Research Officer)

**ATTACHMENT B: REPORT OF THE ECOLOGICALLY SUSTAINABLE DEVELOPMENT COMMITTEE (WA) TO THE ENVIRONMENT COMMITTEES' CONFERENCE**

**Mr PRICE:** Our last committee report to be dealt with this morning is the report of the Western Australian Standing Committee on Ecologically Sustainable Development.

**Mr KELLY (Western Australia):** It is suitable to follow the old with the new and we are very much the new kids on the block with environmental type committees in Australia. I shall start by giving a background to the formation of the committee. It goes back to our last State election in December 1996, which saw the conservative parties lose control of the upper house for the first time in the history of Western Australia. I also point out that the Ecologically Sustainable Development Committee is an upper House committee. The new make-up of the Legislative Council, excluding the President who is from the Government, includes 16 coalition members and 17 non-Government members made up of 12 ALP, three Greens WA and two Australian Democrats.

The new Legislative Council began on 22 May last year and in the four or five months between the election and the new term starting, there had been a push, mainly from conservation groups, led by the Wilderness Society, the Conservation Council and the Western Australia Forest Alliance to have an environment-type committee established. The Wilderness Society was the main instigator and drew on the examples we have here today and what has happened in the rest of Australia. The push at the parliamentary level was mainly led by the Greens and the Australian Democrats. After negotiations we were able to gain the support of the Labor Party. Unfortunately, the coalition was opposed to the formation of the committee, the main reason being that it felt it was premature to establish the committee while a review was continuing of the overall committee structure of the upper House. The House divided and the committee was established on 26 June last year.

The committee is unique to the Western Australian Parliament in that it has representatives from all the parliamentary parties. The chairman of the committee, Dr Christine Sharp from Greens WA, cannot be here for the conference. As there was division about establishment of the committee we appreciated that all parties provided a representative. I shall briefly mention the terms of reference. The first term of reference was to inquire into and report to the House on any matter in Western Australia concerning or relating to the planning for or management, use or development of natural resources and the environment, having particular regard to demographic, economic, ecological, technological and lifestyle and settlement factors and concerns. The second term of reference was any bill or matter referred to by the House. The committee has a broad reference and can institute its own inquiries, which it has done already on a few occasions.

The committee membership is inexperienced, with four of the five members in their first term of Parliament. The only longer term member is Murray Criddle and anyone who reads the *Australian* today will learn that Murray was sworn in yesterday as the Minister for Transport, so we will lose our experienced member, who will most likely be replaced by a new National Party member. I express my thanks on behalf of committee members to Michael Coleman and Kelly Campbell for the work they have done in helping the reasonably inexperienced team to become established. I am sure other members of the conference will echo those sentiments about their own staff, although perhaps their staff do not have to answer questions such as: "What do we do now?" or "How many papers or people are we allowed to subpoena on this issue?"

The major inquiry conducted by the committee over the last year has been into forest management in the south-west of Western Australia. I shall quickly run through the terms of reference because it was interesting to hear from Tasmania about what is being done there about forestry. Our issues relate to the sustainability of current logging practices, timber royalties, woodchipping, the RFA, high conservation value forests, plantations and employment opportunities. The terms of reference are quite broad and because of the process of the regional forest agreement in Western Australia we are heading towards a conclusion in the RFA with public submissions closing this Friday. The committee will produce an interim report in the next two or three weeks as to its views about how the RFA has been conducted in Western Australia.

The RFA has been extremely divisive in our State. Tasmania has the only other RFA to engender quite that degree of emotion and conflict. Our committee is not saying it is expert on forestry but is examining the processes and suggesting where something could be done better or where public consultation could have worked, given that RFAs around Australia are meant to resolve conflict. We are questioning why our State has not had that resolution of conflict and hopefully we can contribute. As to the tabling of reports, so far the committee has only produced one report, which was reasonably minor, resulting from a referral from the Legislative Council to look at the Environmental Protection Amendment Bill 1997. There had been some debate in the House about the proposed management in the bill for hazardous waste facilities and how this would fit in with the conflicting roles of regulator and operator of such sites. We have the Department of Environmental Protection and the Environment Protection Authority, and we tried to resolve that conflict of interest. It is good to have a tight timetable in which to report back. Our recommendations were broadly adopted by the Government and all the parties. There were a few technical adjustments but it was pleasing that we were constructive in that area.

Also, the Legislative Council referred a watching brief to the committee on the State salinity action plan. Western Australia has about 70 per cent of salinity-affected land in Australia and the Action Plan is a major Government initiative. The committee will report once a year on how the action plan is being implemented. The committee is also inquiring into the proposal to mine uranium at the Kintyre site in the State's north, and it may be interesting to compare notes with Northern Territory as we may produce a different report. At the moment it is a proposal by Rio Tinto to establish a mine. We wanted to get in early to try to get things happening, rather than have a project up and running, come in after the event and make changes. We want to get in early to recommend changes before things go too far. Another inquiry we have taken on, but have not done any work on, is the commercialisation of native flora and fauna. It is interesting to note that Victoria is also moving in that area. With both the uranium and the commercialisation of flora and fauna, we are examining areas that have been extensively researched by Senate committees. It is important not to reinvent the wheel, but to complement reports, become more specific at a State level and expand our knowledge. Given the make-up of the committee, in that it has a non-government majority, there has been an expectation from some quarters that we would slam the Government on environmental matters.

Conservation groups really wanted us to hammer the Government. But members of the committee are aware of the long-term future of such a committee and we have been wary about how we go about our work so that we can establish credibility. There are limitations on our workloads. Three of our five members are country based, which makes it difficult to organise meetings outside non-sitting weeks. We also have to consider the other committee

workloads of members. It has also been suggested that our terms of reference be expanded to include social issues in the title, even though they are already extremely broad. We are in the early stages of establishment. We appreciate the opportunity to contribute at and learn from this conference. I thank the organisers for that opportunity.



ATTACHMENT C: CONFERENCES PROGRAM

**PUBLIC WORKS COMMITTEES' CONFERENCE**

**MONDAY 27TH JULY  
LEGISLATIVE ASSEMBLY CHAMBER**

8.30 am	<b>Registration</b> (coffee & tea in the Greenway Room)
9.00 am	<b>Welcome and Official Opening</b> Paul Crittenden MP Chairman of the NSW Standing Committee on Public Works  The Hon John Murray MP Speaker of the Legislative Assembly NSW Parliament
	<b>Session One</b>
9.15 am	<b>Committee Reports</b> (15 minutes - 10 minutes plus 5 minutes for questions) <ul style="list-style-type: none"><li>• <i>Australian Capital Territory</i> - Standing Committee on Urban Services</li><li>• <i>Commonwealth</i> - Public Works Committee</li><li>• <i>New South Wales</i> - Public Works Committee</li><li>• <i>South Australia</i> - Public Works Committee</li><li>• <i>Tasmania</i> - Public Works Committee</li><li>• <i>Queensland</i> - Public Works Committee</li></ul>
10.40 am	MORNING TEA (Greenway Room)
	<b>Session Two</b>
	<b>Site Inspection - Olympic Park</b>
10.55 am	☞ Board bus in Macquarie St ☞ 11.00 am travel to Central Station ☞ 11.26 am train departs for Olympic Park
11.50 am	Arrival at <b>Olympic Park Station</b> . Briefing by Station Master on rail facilities

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Noon	Walk to Main Arena through <b>Showground complex</b> (inspect the Dome and the Woodchop Pavilion)	
12.20 pm	Arrive at the <b>Jamison Room, Main Arena</b>	
12.25 pm	Welcome and briefing - Mr David Richmond, Director General, Olympic Co-ordination Authority	
	Working LUNCH in The Jamison Room	
	Presentation on the Athletes Village	
1.35 pm	Board Bus in Grand Parade Inspection of the <b>Athletes Village</b>	
2.15 pm	Board Bus. Travel to Aquatic Centre	
2.25 pm	Walk through <b>Aquatic Centre</b>	
2.35 pm	Board Bus. Travel to Clydesdale Pavilion	
2.45 pm	Arrive <b>Clydesdale Pavilion</b> for AFTERNOON TEA	
	<table border="1"><tr><td><b>Venue for next Conference</b></td></tr></table>	<b>Venue for next Conference</b>
<b>Venue for next Conference</b>		
3.15 pm	Board Bus. Travel to Olympic Stadium	
3.20 pm	Tour of <b>Olympic Stadium</b> and <b>Conference Photograph</b>	
4.10 pm	Board Bus. Travel to <b>Homebush Bay Wharf</b>	
4.25 pm	Depart by Rivercat to Circular Quay	
5.00 pm	Arrive Circular Quay	
	<b>Evening Free</b>	

**TUESDAY 28TH JULY**  
**THEATRETTE - NSW PARLIAMENT HOUSE**

9.00 am	<b>Reconvene</b> (coffee & tea)
	<b>Session Three</b>
	<b>PUBLIC SEMINAR - LAND TRANSPORT IN THE 21ST CENTURY</b>
9.30 am	<b>Welcome and Official Opening</b> Paul Crittenden MP Chairman of the NSW Standing Committee on Public Works
	The Hon Michael Egan MLC NSW Treasurer
9.45 am	<b>What should a passenger and freight transport system in the 21st Century look like?</b> Mr John Smith, Director, Transport Policy, NSW Dept of Transport
10.15 am	<b>Public-Private Partnership: The Role of the Private Sector</b> Mr John Caldon, Consultant, Macquarie Bank
10.45 am	MORNING TEA
	<b>Public Transport - Urban Mobility in 21st Century</b>
11.15 am	<b>Environmental Imperatives - Clean Air 2000</b> Mr David Anderson, Acting Manager, Transport and Environment, NRMA
11.45 am	<b>The Challenge in Western Sydney</b> Mr Alex Sanchez, Chairman, NSW Public Transport Advisory Council
12.15 pm	<b>Transport and Planning</b> Ms Sue Holliday, Director-General, NSW Department of Urban Affairs & Planning
12.45 pm	LUNCH (Jubilee Room)

**Role of Rail in 21st Century - "National Rail Highway"**

2.15 pm

***The Role of Freight***

Mr Lucio Di Bartolomeo, Managing Director, FreightCorp

2.45 pm

***A Users Perspective***

Mr John Kirk, Director, Australasian Railway Association

3.15 pm

AFTERNOON TEA

**Capital Expenditure - How best to evaluate and coordinate?**

3.30 pm

***Urban Infrastructure Management Plan in NSW***

Ms Maria Zannetides, Chief Executive Officer, Ministry Urban Infrastructure Management

4.00 pm

***Evaluation of Projects***

Professor Mark Diesendorf, Director, Institute for Sustainable Futures

4.30 pm

Seminar concludes

**Conference Dinner**

7.30 pm

**JOINT CONFERENCES DINNER**

**WOLFIE'S RESTAURANT**

**27 Circular Quay West**

**(Sydney Cove - see attached map)**

## ENVIRONMENT COMMITTEES' CONFERENCE

**WEDNESDAY 29TH JULY**  
**LEGISLATIVE ASSEMBLY CHAMBER**

9.00 am	<b>Registration</b> (coffee & tea in the Greenway Room)
9.15 am	<p><b>Welcome and Official Opening</b> Paul Crittenden MP Chairman of the NSW Standing Committee on Public Works</p> <p>The Hon Pam Allan MP Minister for the Environment</p> <p style="text-align: center;"><b>Session One</b></p>
9.30 am	<p><b>Committee Reports</b> (15 minutes - 10 minutes plus 5 minutes for questions)</p> <ul style="list-style-type: none"> <li>• <i>Australian Capital Territory</i> - Standing Committee on Urban Services</li> <li>• <i>New South Wales</i> - Public Works Committee</li> <li>• <i>Northern Territory</i> - Sessional Committee on the Environment</li> <li>• <i>South Australia</i> - Environment Development and Resources Committee</li> <li>• <i>Tasmania</i> - Environment, Resources and Development Committee</li> <li>• <i>Victoria</i> - Environment and Natural Resources Committee</li> <li>• <i>Western Australia</i> - Standing Committee on Ecologically Sustainable Development</li> </ul>
11.15 am	<p>MORNING TEA (Greenway Room)</p> <p style="text-align: center;"><b>Session Two</b></p>
11.30 am	<p><b>Sustainability in the Built Environment</b></p> <p><b>Introduction:</b> Alexandra de Blas - ABC Radio</p>

11.45 am	<b>Case Study One</b> <b>Energy</b> - Bruce Precious, Manager, Business Energy Efficiency, Sustainable Energy Development Authority
12.15 pm	LUNCH (Strangers Dining Room)
1.45 pm	<b>Case Study Two</b> <b>Waste</b> - Mr John Denlay, former member State Waste Advisory Council
2.15 pm	<b>Case Study Three</b> <b>Water</b> - Dr Stuart White, Institute for Sustainable Futures
2.45 pm	AFTERNOON TEA (Greenway Room)
3.00 pm	<b>Conclusion</b> Dr Stuart White, Institute for Sustainable Futures - Policy Implications
	<b>Session Three</b>
3.30 pm	<b>Site Inspection - Parliament House Central Energy Plant</b>
	☞ 3.30 pm Assemble in foyer. Meet with Mr Stafford Bennett, Manager, Parliamentary Building Services
	☞ 3.35 pm Lifts to Level 1 and Energy Plant
	☞ 3.50 pm Lifts to Level 7 and Waratah Room. Briefing and video on Parliament House's energy plan
	<b>Closing Session</b>
4.20 pm	Waratah Room
	<b>Venue for next Conference</b>
4.30 pm	Close

ATTACHMENT D: EXCERPTS FROM SUSTAINABLE ENERGY DEVELOPMENT AUTHORITY (NSW) WEBSITE

# AT HOME



Would you like to make your home more comfortable and cheaper to run? Check out this guide to reducing energy costs and greenhouse gases.  
[Global Warming - Cool It](#)

## Home Energy Advice

Building or renovating a home and need advice on energy use? Would you like to cut your energy bills and protect the environment? Contact our [Energy Advisory & Referral Service](#) or read detailed [information sheets](#) on home energy use.



Thousands of NSW homes have now joined [Green Power](#), the largest renewable energy scheme of its type in the world. Find out how your home can be part of this exciting environmental initiative.



Home building and renovating in NSW is changing, with councils adopting an [Energy Smart Homes](#) policy. Find out how homes will be healthier, more comfortable and cheaper to run by being an Energy Smart home.



Few people realise that their small office/home office PC can now play a part in the fight against greenhouse. Find out how [Energy Star](#) rated equipment can cut your energy bills and help save the planet.

### [Subscribe to the SEDA Newsletter](#)

You can receive the newsletter by Email or post.

### [Some other useful links for saving energy in the home](#)

The Building Designers Association

<http://www.bdasyd.com.au/navigation.html>

Betta Electrical

[http://www.betta.com.au/electrical/energy/be\\_main\\_energy.htm](http://www.betta.com.au/electrical/energy/be_main_energy.htm)

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## IN GOVERNMENT



The *Energy Smart Homes Policy* is a model energy efficient building policy that local councils adopt in their jurisdiction. Discover how your council can join the 40 local governments across the State taking advantage of *Energy Smart Homes*.

Community Housing  
Energy Program

The *Community Housing Energy Program* assists public and community housing managers install energy and water savings measures in the homes they manage.



*Energy Smart Government* is a program to reduce the energy consumption of State Government buildings by 25 percent by 2005. Find out how 21 organisations have already made combined savings of over \$500,000 annually.

Green Power  
S104 APPROVED

Find out how your agency can make *Green Power* part of its electricity purchasing contract and contribute to a cleaner environment.



How will Telstra save \$5 million every year off its energy bill? By purchasing *Energy Star* rated computers and office machines. Calculate the savings to your agency by switching to *Energy Star*.

*Subscribe to the SEDA Newsletter*  
You can receive the newsletter by Email or post.

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