



**Public Transport Authority**  
Government of Western Australia

## Public Transport Authority

### SUSTAINABILITY ACTION PLAN 2005-2007





### **Chief Executive Officer Statement**

The Public Transport Authority (PTA) recognises the need to provide a better quality of life for current and future generations of West Australians. We are committed to sustainable practices throughout all facets of the organisation and encourage its development wherever possible. While we work towards providing a well-developed, integrated transport system, we look forward to meeting the realistic and challenging goals that contribute to environmental, social and economic improvement.

The PTA's Sustainability Action Plan for 2005, has been developed to fulfil the requirements of the Western Australian State Sustainability Strategy. The document outlines the proposed present and future actions for sustainability and will be reviewed annually. We look forward to achieving our sustainability goals for 2005 and beyond.

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Chief Executive Officer

March 2005



## Public Transport Authority (PTA) Sustainability Action Plan 2005- 2007

### Introduction

Transport is crucial to the future of Western Australia. It impacts on every part of our economy, affects every community and family and, given the size of the State, is critically important to the well-being of every Western Australian. Public transport does not just benefit the public transport user. It benefits the environment, industry, the State's economy and provides the infrastructure to support all aspects of Western Australia. Social equity demands a well-developed public transport system to ensure reasonable access to work, education, leisure and services for those who do not have access to private transport.

### PTA's Sustainability Mission

- To provide an integrated and safe transport system that is economically, environmentally and socially sustainable.
- To maximise sustainability outcomes in the design, construction and operation of transport systems.
- To enable transport to meet the needs of regional communities.

The Sustainability Action Plan aims to ensure that the PTA works towards achieving their sustainability mission. While this plan addresses the formality for the planning and development of integrated transportation, so that it meets sustainable outcomes, it also encourages PTA staff to actively participate in the activities that make a contribution towards a better future. These activities include, energy conservation, recycling, fundraising, travel by public transport, and occupational safety and health.

The PTA plays a significant role in coordinating with external parties such as other government agencies, local authorities, private organisations and the community to achieve sustainable outcomes. The PTA has continued to work with external parties to identify opportunities to maximise sustainability during the development and planning of transport services. This includes:

- Transit Oriented Development (TOD) planning;
- Integration of infrastructure for pedestrians and cyclists;
- to protect and restore local air, water, soils, flora and fauna; and
- services to assist people with disabilities.

This Sustainability Action Plan outlines PTA's priority commitments for 2005 – 2007. For each action that relates to a commitment, the status, time frame, target and internal and external responsibilities are specified.



## **PTA's Profile**

### ***Our Purpose***

- To increase the use of public transport by providing customer-focused, safe and cost-effective passenger transport services.

### ***Our Aim***

- To create the best passenger transport service for Western Australians.

### ***Our Values***

- We **value** and **respect** our customers, suppliers and each other.
- We are committed to **safety**.
- We **encourage** each other to reach full potential.
- We are **honest** and exhibit high levels of **integrity, openness** and **ethical behaviour**.
- We recognise and reward **achievement, initiative** and **innovation**.
- We strive for **continuous improvement** in everything we do.
- We are **environmentally responsible**.

## ***Outcomes***

- An extremely high safety standard is maintained.
- A committed workforce prepared for current and future needs.
- Increased use of public transport.
- Customers are satisfied with the high quality efficient service.
- A cost effective service.
- Quality organisational management.
- The long term value of the rail corridor is protected and the railway remains fit for purpose during and after the current lease.
- Residual freight issues managed effectively.



**OBJECTIVE 1: PLANNING, REPORTING AND DECISION MAKING ARE CONDUCTED IN ACCORDANCE WITH THE SUSTAINABILITY PRINCIPLES**

<p><b>Key Issues for Action</b></p> <ul style="list-style-type: none"><li>▪ A need to embed the whole of government strategic plan into the PTA's integrated planning process.</li><li>▪ A need to continue to report on sustainability achievements through strategic planning and CEO performance agreement.</li><li>▪ A need to monitor sustainability and to continue to report on sustainability related Key Performance Indicator's (KPI's) in the annual report.</li><li>▪ A need to employ sustainability assessment in the planning, design and construction of urban and regional transport services.</li><li>▪ A need to continue to provide for people with disabilities in accordance with DDA requirements.</li><li>▪ A need to regularly engage with the community on quality of life issues.</li></ul>	<p><b>Current Strengths;</b> policies, plans and activity include;</p> <ul style="list-style-type: none"><li>▪ Risk Management Plan</li><li>▪ Environmental Policy (<i>see case study overleaf</i>)</li><li>▪ Key Performance Indicators (KPI's) that continually review PTA's management systems.</li><li>▪ South West Metropolitan Railway Sustainability Strategy</li><li>▪ Currently working towards developing a PTA Environmental Management Plan</li><li>▪ Where there is legislation that the PTA is responsible for, during the review process, sustainability principles are considered.</li></ul>
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## CASE STUDY: THE NEW METRORAIL PROJECT AND ENVIRONMENTAL POLICY

A major PTA initiative towards achieving sustainability, that is currently underway, is the New MetroRail Project. It is the biggest public infrastructure project ever undertaken in the metropolitan area. The project will provide benefits to current and future generations of Western Australian's as it aims to double Perth's rail network by 2006.

The benefits that the MetroRail will provide are:

- maximising Transit Oriented Development (TOD);
- encouraging West Australian's to travel safely to work and for recreational pursuits; and
- the opening of opportunities to revitalise shopping and business areas.

New MetroRail is guided by PTA's Environmental Policy, which supports sustainability by considering the environmental factors of:

- **Noise and vibration**
- **Wetlands**
- **Air quality**
- **Flora and fauna**
- **Heritage**
- **Soil and groundwater contamination**
- **Biodiversity**
- **Landscape and rehabilitation**

For information on each of these factors and our Environmental Policy, see the New MetroRail website at:

<http://www.newmetrorail.wa.gov.au/Default.aspx?tabid=186>



**OBJECTIVE 1: PLANNING, REPORTING AND DECISION MAKING ARE CONDUCTED IN ACCORDANCE WITH THE SUSTAINABILITY PRINCIPLES**

Priority Commitments 2005	2005 Actions related to Commitment	Status of Action	Timeframe for Achievement	Responsibility - Internal	Other Involved parties - external	Target
<b>1.1 Incorporate sustainability principles and actions in strategic and business planning and budgeting, consistent with Better Planning: Better Services - A Strategic Planning Framework for the Western Australian Public Sector.</b>						
To embed the whole of the government strategic plan into the PTA's integrated planning process.	Review the whole of government outcomes and ensure they are integrated.	Commenced	Dec 2005	Director, Policy Unit	N/A	
To monitor sustainability achievements through KPI's.	Develop sustainability related KPI's	N/A	Dec 2005	Director, Policy Unit	Office of auditor general.	KPI's in place
	Use KPI's to inform decision making.	N/A	Ongoing		KPI information on the Intranet.	



**OBJECTIVE 1: PLANNING, REPORTING AND DECISION MAKING ARE CONDUCTED IN ACCORDANCE WITH THE SUSTAINABILITY PRINCIPLES**

Priority Commitments 2005	2005 Actions related to Commitment	Status of Action	Timeframe for Achievement	Responsibility - Internal	Other Involved parties - external	Target
<b>1.2 Report on compliance with this code and other sustainability achievements in annual reports, consistent with the Annual Reporting Framework.</b>						
Continue to report on sustainability related KPI's in the annual report.	Report of KPI's developed in section 1.1 in the annual report.	N/A	Dec 2005	Director, Finance and Contracts	Office of Auditor General.	Report 2006
Report on sustainability achievements through integrated strategic planning and CEO performance agreement.	Use existing processes to report on sustainability achievements.	N/A	Dec 2005	Director, Policy Unit  Executive Director, People and Organisational Development		





**OBJECTIVE 1: PLANNING, REPORTING AND DECISION MAKING ARE CONDUCTED IN ACCORDANCE WITH THE SUSTAINABILITY PRINCIPLES**

Priority Commitments 2005	2005 Actions related to Commitment	Status of Action	Timeframe for Achievement	Responsibility - Internal	Other Involved parties - external	Target
<b>1.3 Where appropriate, utilise sustainability assessment in planning and decision-making.</b>						
To provide safer and more attractive railway stations with improved connectivity to existing infrastructure to help facilitate revitalisation, therefore encouraging better outcomes for local businesses.	Upgrades to Gosnells, Kelmscott and Midland stations using TOD principles.	Construction of Gosnells is underway.  The design of Kelmscott Station.  The design of Midland Station.  Construction of Vic Park station.  Greenwood station completed.	April 2005  June 2005  Jan 2005  June 2005	General Manager, Network and Infrastructure	Local councils, DPI, Western Power, LandCorp.	The upgrade of Gosnells and Vic Park station in 2005. Compliance with the disability standards - ongoing.
The use of TOD planning during the building better stations program.	Building better stations.	Ongoing planning and capital works program.	Ongoing	General Manager, Network and Infrastructure	Local councils, DPI, LandCorp, MRWA	Implement strategies in the plan.
To employ sustainability assessment in the planning, design, construction and operations of the New	See South West Metropolitan Railway Sustainability Strategy.	N/A	Ongoing	Project Director, New MetroRail	Local councils and other govt. agencies.	Implement strategies in the plan.



MetroRail project.						
The use TOD planning during the development of New MetroRail.	See South West Metropolitan Railway Sustainability Strategy.	N/A	Ongoing	Project Director, New MetroRail	Local councils.	Implement strategies in the plan.
To continue to upgrade country rail stations so that it meets the requirements of the Disability Discrimination Act.	Works involve provision of a raised platform to railcar threshold level, within acceptable clearance tolerances. These works include provision of complying ramps, stairs, lighting and pathways.	Stations that are complete - Merredin, Northam, Cunderdin, Brunswick, Pinjarra, Waroona, Southern Cross, Kellerberrin, Bonnie Vale, Tammin, Toodyay, Mundijong, Moorine Rock, Serpentine.  Koolyanobbing station to be completed 2005.	2005	General Manager, Network and Infrastructure	Local councils, DPI, Western Power, LandCorp	The upgrade of all stations by 2006.



**OBJECTIVE 1: PLANNING, REPORTING AND DECISION MAKING ARE CONDUCTED IN ACCORDANCE WITH THE SUSTAINABILITY PRINCIPLES**

Priority Commitments 2005	2005 Actions related to Commitment	Status of Action	Timeframe for Achievement	Responsibility - Internal	Other Involved parties - external	Target
<b>1.4 Where relevant, incorporate sustainability principles and practices into legislation as it is reviewed, drafted or amended.</b>						
To upgrade several stations to comply with Disabilities Discrimination Act requirements.	Platform modifications to remove the gap and ramp adjustments to meet current standards for disability access. Installation of Tactile Ground Surfaces Indicators (TGSI's).	Modifications underway at Cannington, Kenwick, Success Hill, Loch St. and Grant St. stations.  Number of stations completed.	June 2005	General Manager, Network and Infrastructure	Local councils, DPI, Western Power, LandCorp.	Compliance with the disability standards – ongoing.
To provide the hearing impaired with audio information and services at stations that is consistent with the Disabled Access Standards.	Provide audio loops around the main seating and station service areas on all platforms.	Implementation of audio loops at Fremantle and other stations including Mosman Park and Claremont.	June 2005  All stations by 2006	General Manager, Network and Infrastructure	Local council and govt. agencies.	Compliance with the disability standards - ongoing.

**OBJECTIVE 1: PLANNING, REPORTING AND DECISION MAKING ARE CONDUCTED IN ACCORDANCE WITH THE SUSTAINABILITY PRINCIPLES**

Priority Commitments 2005	2005 Actions related to Commitment	Status of Action	Timeframe for Achievement	Responsibility - Internal	Other Involved parties - external	Target
<b>1.5 Where appropriate, actively engage stakeholders and the public—regardless of age, gender, culture, ability and location—in transparent policy development and decision-making processes.</b>						
To assist local authorities, town planners, engineers and other stakeholders involved in sustainability assessment during the development of public transport infrastructure.	See Design and Planning Guidelines on the PTA website at: <a href="http://www.pta.wa.gov.au/scripts/viewarticle.asp?NID=1723&amp;SID=PRDPTA">http://www.pta.wa.gov.au/scripts/viewarticle.asp?NID=1723&amp;SID=PRDPTA</a>	N/A	Ongoing	General Manager, Network and Infrastructure	Govt. agencies, town planners and engineers.	Regular contact with govt. agencies, town planners and engineers.
The planning of TOD during the Better Stations Program.	Engagement in Enquiry by Design and other methods of community consultation in the building Better Stations Program.	Ongoing	Ongoing	General Manager, Network and Infrastructure	Local councils, community groups, other agencies.	
To consult the local community about construction works in their area.	Post details of construction works on the PTA Transperth and New MetroRail website. Deliver brochures/letters/emails to relevant stakeholders.	N/A	Ongoing	Manager, Corporate Communications, Project Director, New MetroRail	Local community.	Regular contact established with the community.



To consult with the community in relation to the provision of Public Transport Services	Transperth focus groups	Ongoing when needed	Ongoing	Executive Director TRSBS	Local community groups	
To inform the community of PTA's current projects and provide opportunities for the community to present feedback.	Provide a display stand at the Perth Royal Show and continue to update project information at the New MetroRail / SmartRider Resource Centre.	Perth Royal Show stand.  New MetroRail / SmartRider Resource Centre.	October 2005  Ongoing	Manager, Corporate Communications.  Community Info officers.	Perth Royal Show organisers	Regular contact established with the community.
To continue to encourage students to use the public transport system and to encourage their feedback for improvements.	Provide a PTA display at the 2005 Careers Expo and provide a seminar that will run through features of the Transperth's website such as the Journey Planner, Timetable Guide and News Desk.  Delivery of the Community Education Program to inform students about Transperth services	N/A  N/A	August 2005  Ongoing	Manager, Corporate Communications.  Director, Transperth Regional and School Bus Services	The Burswood Dome Careers Expo Organisers.	Regular contact established with the community.



**OBJECTIVE 2: TO CONDUCT AGENCY OPERATIONS IN A WAY THAT THEY SUPPORT SUSTAINABILITY.**

<b>Key Issues for Action</b>	<b>Current Strengths; policies, plans and activity include;</b>
<ul style="list-style-type: none"><li>▪ A need to continue to improve and monitor environmental performance in a number of areas;<ul style="list-style-type: none"><li>○ energy efficiency</li><li>○ water efficiency</li><li>○ waste minimisation</li><li>○ reduction of staff travelling by car to work by preparing a green transport plan</li><li>○ reduction of pollution</li><li>○ alternative fuels and offset gas emissions</li><li>○ promotion of biodiversity</li></ul></li><li>▪ A need to develop an environmental management system.</li><li>▪ A need to continue to work in partnership with other government agencies to promote sustainable development.</li><li>▪ A need to raise staff awareness of environmental and social issues related to sustainability at work and at home.</li><li>▪ A need to continue to incorporate sustainability considerations during land and property management through the use of PTA's Geographic Information System (GIS).</li><li>▪ A need to incorporate environmental management plans in all construction contracts.</li></ul>	<ul style="list-style-type: none"><li>▪ The Safety and Health Policy and Safety Management System ensures employees, contractors, customers and the public, conduct their work practicable, safely and without risk to people's health, personal injury or damage to property.</li><li>▪ South West Metropolitan Railway Sustainability Strategy.</li><li>▪ Land and Transport Information System (LATIS) which identifies contaminated sites and flora and fauna.</li><li>▪ Universal and cyclist access to, through and within railway stations policy.</li><li>▪ KPI's that measure safety incidents, use of public transport services, reliability and customer satisfaction.</li><li>▪ Currently working towards a PTA Environmental Management Plan.</li></ul>

## CASE STUDY: PTA RECOGNISED FOR SAVING ENERGY

The PTA was among the 32 state government agencies who were recognised for achieving the 6% energy reduction target for 2003/04 in a special ceremony held at Perth Zoo late 2004.

As part of the Energy Smart Government policy, the PTA is required to realise ongoing absolute reductions in energy use, energy costs and associated green house gas emissions by establishing energy efficiency as a basis of the effective management of government assets.

In the 2003/04 reporting period the Public Transport Authority's energy consumption was reduced by 14.4%, well above the 6% energy reduction targets set. The PTA participates in the Energy Smart Government program on a voluntary basis

During the 2003/04 reporting period, the following initiatives were undertaken:

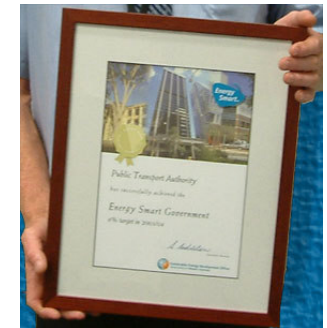
- Installation of variable speed drives to the air conditioning chillers.
- Connection of the third floor office lighting to the building management system to enable greater control of the after hours operation of lights
- Connection of the Upper Ground and first floor lighting circuits to the BMS and installation of a switch for the cleaners with 1 hour preset.

Briefing of security officers to ensure that all unnecessary lighting is turned off at the end of the day.

- Installation of motion detectors in toilets to automatically turn lights on and off as required.
- Upgrading of the lifts using energy efficient electronic equipment.
- Turning off gas fired boilers during hot days.
- Programming all "zip" under sink boiling water heater units to turn off at night.
- Connection of cooling tower fans to the BMS to enable examination of the most efficient operation of the fans in conjunction with the air conditioning chillers.

Future strategies planned for the building include the following:

- The second floor south end will be upgraded during 2004/05 and the existing lighting will be replaced with new energy efficient T5 light fittings and connected to the BMS.
- The north end of the second floor is due to be similarly upgraded in 2006/07.
- It is expected that the fourth and sixth floor will be upgraded in the next 2 to 3 years and will save energy from the lighting upgrade and replacement of air conditioning mixing boxes. All to be connected to the BMS.
- Automatic turn off of all computers when not used for a set period and in particular after normal working hours is being examined.
- The Basement Fitness Centre and Communications Office fan coil units will be connected to timers to prevent continuous running.





**OBJECTIVE 2: TO CONDUCT AGENCY OPERATIONS IN A WAY THAT THEY SUPPORT SUSTAINABILITY.**

Priority Commitments 2005	2005 Actions related to Commitment	Status of Action	Timeframe for Achievement	Responsibility - Internal	Other Involved parties - external	Target
<b>2.1 Ensure procurement complies with the sustainability approach outlined in the State Supply Commission's policies.</b>						
To develop an environmental management and procurement plan.	To have the environmental management plan built into contracts and extend to minor contracts.	Commenced	Ongoing	General Manager, Network and Infrastructure		Embedded Dec 2005
To purchase items that minimise energy consumption.	Purchase equipment with energy saving features such as photocopiers that contain an energy saving button.	N/A	Ongoing	Director, Contracts and Finance		Reduce where possible the usage of energy.
To maximise recycling and review the management of wastage.	Purchase items from suppliers who take back their items for recycling.  Review the amount of waste such as cardboard and paper that is placed in recycling bins.	N/A	Ongoing	Division's Administrators.		Successful waste and recycling management. Achieve 3 skip containers of recycled goods per week.





To review the effectiveness of the management of water usage.	To carry out a water audit using a qualified auditor.	N/A	June 2005	General Manager, Network and Infrastructure.	Qualified auditor.	Successful management of water usage.
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**OBJECTIVE 2: TO CONDUCT AGENCY OPERATIONS IN A WAY THAT THEY SUPPORT SUSTAINABILITY.**

Priority Commitments 2005	2005 Actions related to Commitment	Status of Action	Timeframe for Achievement	Responsibility - Internal	Other Involved parties - external	Target
<b>2.2 Where appropriate, integrate service delivery across agencies.</b>						
To work in partnership with the Department of Planning and Infrastructure, LandCorp, redevelopment authorities and local governments to identify opportunities to maximise Transit Oriented Development (TOD) Planning.	Upgrades to Gosnells, Kelmscott and Midland stations using TOD principals.	Completion of Greenwood station. Construction of Gosnells is underway. Construction of Vic Park station. The design of Kelmscott Station. The design of Midland Station.	April 2005 June 2005 Jan 2005	General Manager, Network and Infrastructure	Local councils, DPI, Western Power, LandCorp.	The upgrade of Gosnells and Vic Park station in 2005. Compliance with the disability standards - ongoing.
To work in partnership with the Department of Planning and	See South West Metropolitan Railway Sustainability Strategy.	N/A	Ongoing	Project Director, New	Local councils, DPI and	Implement strategies in the plan.



Infrastructure, LandCorp, redevelopment authorities and local governments to identify opportunities to maximise Transit Oriented Development Planning during the New MetroRail Project.				MetroRail	other govt. agencies.	
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**OBJECTIVE 2: TO CONDUCT AGENCY OPERATIONS IN A WAY THAT THEY SUPPORT SUSTAINABILITY.**

Priority Commitments 2005	2005 Actions related to Commitment	Status of Action	Timeframe for Achievement	Responsibility - Internal	Other Involved parties - external	Target
<b>2.3 Improve environmental performance through minimising the consumption of energy, water and other resources, reducing waste and maximising recycling.</b>						
To achieve beyond the 6% energy reduction target.	<p>Replace existing lighting on the second floor (south end) with new efficient T5 light fittings and connected to the BMS.</p> <p>Plans for automatic turn off of all computers when not in use for a set period and particularly after normal working hours.</p> <p>The basement fitness centre and communications office fan coil units to be connected to timers to prevent continuous running.</p> <p><i>Also see Case Study 'PTA Recognised for Saving Energy'</i></p>	<p>Commenced</p> <p>Planning stage</p> <p>Planning stage</p>	<p>Dec 2005</p> <p>Dec 2005</p> <p>Dec 2005</p>	General Manager, Network and infrastructure	Security, Cleaners.	<p>Completion of action and continue to monitor energy usage.</p> <p>To achieve beyond the 6%.</p>



To reduce water consumption.	Examine water reduction strategies and develop a plan.	N/A	Dec 2005	Network and Infrastructure	Cleaners.	Plan by Dec 2005
To reduce waste and maximise recycling by introducing an environmentally friendly alternative to paper ticketing and MultiRider system.	Introduce Smart Rider to replace the MultiRider magnetic stripe ticketing and paper ticketing system cash.	Project Review and Control Group Trial currently underway.	Jun 2005	General Manager, Network and Infrastructure.	Community, local councils and other relevant govt. agencies.	Successful trial and implementation.

**OBJECTIVE 2: TO CONDUCT AGENCY OPERATIONS IN A WAY THAT THEY SUPPORT SUSTAINABILITY.**

Priority Commitments 2005	2005 Actions related to Commitment	Status of Action	Timeframe for Achievement	Responsibility - Internal	Other Involved parties - external	Target
<b>2.4 Minimise the number of vehicles, reduce vehicle use, maximise fuel efficiency, promote alternative fuels and modes of travel and offset greenhouse gas emissions.</b>						
To continue to encourage Transit Orientated Development planning.	Upgrades to Gosnells, Kelmscott and Midland stations using TOD principles.	Completion of Greenwood station.  Construction of Gosnells is underway.  Construction of Vic Park station.  The design of Kelmscott Station.  The design of Midland Station.	April 2005  June 2005  Jan 2005	General Manager, Network and Infrastructure	Local councils, DPI, Western Power, LandCorp.	The upgrade of Gosnells and Vic Park station in 2005. Compliance with the disability standards - ongoing.
To continue to encourage Transit Orientated Development planning.	See South West Metropolitan Railway Sustainability Strategy.	N/A	Ongoing	Project Director, New MetroRail	Community, local councils and other relevant govt. agencies.	Implement strategies in the plan.
To continue to promote alternative fuels and offset greenhouse gas emissions through PTA's alternative bus trials.	Continue to replace buses with the new Mercedes-Benz Euro 4 gas bus and continue to trial the 3 hydrogen powered fuel cell buses.	Trialling of hydrogen powered fuel cell busses.	Trial until 2006.	Director Transport, Regional and	DPI	To determine the critical technical, environment



	<p>Install new fast-fill refuelling facilities at Morley and Bayswater depots.</p> <p>The new 'B' series railcars are fitted with a regenerative braking facility which reduces energy consumption by between 15%- 20%.</p>	Commenced	December 2006	<p>School Bus Services.</p> <p>General Manager, Transport h Train Operations</p>		<p>al, economic and social factors that needs consideration in the introduction of the hydrogen buses.</p> <p>Reduce energy consumption of 'B' series railcars (15%-20%)</p>
To continue to reduce vehicle usage by encouraging staff to use public transport or cycle to work.	Continue to provide PTA staff with free train travel, end of trip facilities and develop a "Green Transport Plan"	All PTA staff will continue to be provided with a free train travel pass during their induction and advised of alternatives to car use.	Ongoing	Executive Director, People and Organisational Development	DEP, DPI	Increased public transport usage by staff. Reduced car usage and increased parking at the PTC.



To encourage the public to walk/cycle to train stations and major bus stations.	To continue to provide secure, safe and conveniently located bike parking facilities at all suburban train and major bus stations throughout the metro area.	New design of a bicycle parking enclosure to be trialled at Greenwood station and to be incorporated at all New MetroRail pay and display car parks.	Jan 2005	General Manager, Network and Infrastructure	DPI	Increased use of bicycle and parking facilities and reduction of theft.
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**OBJECTIVE 2: TO CONDUCT AGENCY OPERATIONS IN A WAY THAT THEY SUPPORT SUSTAINABILITY.**

Priority Commitments 2005	2005 Actions related to Commitment	Status of Action	Timeframe for Achievement	Responsibility - Internal	Other Involved parties - external	Target
<b>2.5 Incorporate sustainability considerations into the design, procurement, leasing, construction, maintenance and management of government buildings and other built assets and to the management or development of government-owned land.</b>						
To continue to incorporate sustainability considerations during land and property management through the use of PTA's Geographic Information System (GIS).	Further develop GIS to manage land and property owned by the PTA including contaminated sites, rare flora and fauna, heritage and other environmental issues.	Commenced end of 2004	Ongoing	General Manager, Network and Infrastructure	DOLI and CALM	Stage 2 - Dec 2005
To incorporate environmental management plans in PTA's construction contracts.	All construction contracts require environmental management plans.	Commenced in large contracts.	Dec 2005	Director, Finance and Contracts		Dec 2005
To continue land rationalisation.	Continue with the land rationalisation program to ensure best land management practices.	Commenced	Ongoing	General Manager, Network and Infrastructure	LandCorp and DOLI	Ongoing





### **OBJECTIVE 3: TO EMPOWER AND ENCOURAGE EMPLOYEES TO EMBRACE SUSTAINABILITY**

<b>Key Issues for Action</b>	<b>Current Strengths; policies, plans and activity include;</b>
<ul style="list-style-type: none"><li>▪ A need to raise staff awareness of sustainability principles.</li><li>▪ A need for the PTA to continue to participate in community and recreational activities.</li><li>▪ A need to promote the PTA as an equal opportunity employer committed to achieving greater workforce diversity and flexibility.</li><li>▪ A need to continue to improve environmental outcomes at the PTA.</li><li>▪ A need to continue to improve the wellbeing of staff through peer support and health and fitness programs and promote the use of alternative forms of transport such as walking/cycling and public transport (i.e. cycle/walk to the station).</li><li>▪ A need to continue to educate staff on Occupational Safety and Health issues.</li></ul>	<ul style="list-style-type: none"><li>▪ OSH Tender Questionnaire</li><li>▪ The Safety and Health Policy ensures employees, contractors, customers and the public, conduct their work practicable, safely and without risk to people's health, personal injury or damage to property.</li><li>▪ Safety and Health Inductions</li><li>▪ PTA's Travelling Well program is an opportunity for staff to improve their lifestyle and health and fitness. It offers well being activities such as Pilates, health assessments and training for staff. This program also focuses on cycling and walking which will be part of the future "Green Transport Plan".</li><li>▪ Health Standards Plan outlines new health standards for PTA employees who are required to comply with the new National Standard for Health Assessments of Rail Safety Workers adopted by all accredited railways in Australia from 1 July 2004.</li><li>▪ KPI's that measure staff satisfaction and diversity across the workforce.</li></ul>

## CASE STUDY: PTA'S BLUEY DAY

12 Transit Guards and two CSA's who got behind Bluey Day succeeded in raising more than their target of \$7000 for kids with cancer.

They gathered at Bunnings in Balcatta where 96FM covered the event, and had their heads shaved to collect money from sponsors.

Transit Guards Manager, John Kitis, joined his staff in the fund-raising event, allowing his 13-year-old daughter Lauren to wield the clippers.

It has special meaning for Lauren, who is one of the children who will benefit from the funds raised for Princess Margaret Hospital's cancer ward.

Transit Guard Byron Abrahams shaved his spectacular Afro during the event – and, for an extra \$250, his eyebrows went, too.

One participant who couldn't get to the event on the day was John Olding, who had promised to cut his hair for the first time in 38 years.

He kept his commitment, though, and went to a hairdresser a couple of weeks before, getting it cut to collar length.

John and his Fremantle-based colleague Leo Agnello together raised about \$2000.

As well as a PTA corporate donation of \$250, and an amount in excess of \$450 was donated by the Executive and their staff as a contribution to the whole group.



*Transit Guards Byron Adams and George looking worried.*



**OBJECTIVE 3: TO EMPOWER AND ENCOURAGE EMPLOYEES TO EMBRACE SUSTAINABILITY**

Priority Commitments 2005	2005 Actions related to Commitment	Status of Action	Timeframe for Achievement	Responsibility - Internal	Other Involved parties - external	Target
<b>3.1 Continually improve all employees' knowledge about sustainability through education and training and through opportunities to actively engage in developing agency capability in this area.</b>						
To educate staff on sustainability principals such as the "Green Transport Plan"	Use communication processes, such as the Intranet, to inform staff of sustainability strategies.	N/A	Ongoing	Manager, Corporate Communications		Commence March 2005
PTA sustainability in action.	Continue to participate in community fundraising and recreational activities as an organisation.	N/A	Ongoing	Manager, Corporate Communications/Transperth Marketing	Community organisations.	Ongoing



**OBJECTIVE 3: TO EMPOWER AND ENCOURAGE EMPLOYEES TO EMBRACE SUSTAINABILITY**

Priority Commitments 2005	2005 Actions related to Commitment	Status of Action	Timeframe for Achievement	Responsibility - Internal	Other Involved parties - external	Target
<b>3.2 Support employees in understanding and respecting diversity through anti-racist, equal opportunity and cross-cultural awareness training programs and utilising means to redress where legislation permits.</b>						
To promote the PTA as an Equal Opportunity employer committed to achieving greater workforce diversity and flexibility.	Roll-out strategies and initiatives consistent with the PTA's Equity and Diversity Management Plan 2004 – 2006.	Approved by Executive December 2004.	2004 - 2006	Equity and Diversity Officer - People and Organisational Development		Implement strategies identified in the Plan. - Improved equity index and demographic profile - Achieve outcomes in plan.



**OBJECTIVE 3: TO EMPOWER AND ENCOURAGE EMPLOYEES TO EMBRACE SUSTAINABILITY**

Priority Commitments 2005	2005 Actions related to Commitment	Status of Action	Timeframe for Achievement	Responsibility - Internal	Other Involved parties - external	Target
<b>3.3 Encourage employees to contribute to community development through voluntary initiatives that support sustainability.</b>						
To continue to encourage organisation and staff involvement in community activities	Develop an annual Community Support Plan	Annual – Commence 2004 / 2005	Annually and ongoing	Manager, Corporate Communications	Community organisations	
To continue to encourage staff to participate in fundraising and community activities.	<i>(See Bluey Day case study above)</i> . Continue to support Daffodil Day, City to Surf, Radio Lollipop and Salvation Army Christmas Appeal.	N/A	Ongoing	Manager, Corporate Communications.		Continued encouragement
To continue to support the community through voluntary activities.	To continue to support community activities through transport services.	N/A	Ongoing	Director, Transport, Regional and School Bus Services	Community	



**OBJECTIVE 3: TO EMPOWER AND ENCOURAGE EMPLOYEES TO EMBRACE SUSTAINABILITY**

Priority Commitments 2005	2005 Actions related to Commitment	Status of Action	Timeframe for Achievement	Responsibility - Internal	Other Involved parties - external	Target
<b>3.4 Implement occupational health and safety measures in the workplace to improve environmental, economic and social outcomes.</b>						
To improve environmental outcomes at the PTA.	Develop an Environmental Management Plan.	Draft process	2005	General Manager, Network and Infrastructure		Completion of plan 2005.
To improve environmental outcomes at the PTA.	Develop an Environmental Management Plan.	Draft process	2005	Project Director, New MetroRail		Completion of plan 2005.
To continue to educate staff on Occupational Safety and Health practices at the PTA.	Provide Occupational Safety and Health Inductions to new employees.	N/A	Ongoing	Executive Director, People and Organisational Development		OSH practices are applied by staff - Ongoing
To continue to improve the well being of PTA staff.	To continue to provide peer support, counselling and a health and fitness program for staff.	Commencement of PTA's health and well-being program, which is organised by the health and lifestyle coordinator (HLC). With the help of the HLC, the PTA	Ongoing	Executive Director, People and Organisati	Counsellors, HLC.	



		provides staff with free circuit classes, Pilates, health seminars, monthly health newsletters and health fact sheets.		onal Developm ent		
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## Public Transport Authority (PTA) Sustainability Action Plan 2006

### OBJECTIVE 1: PLANNING, REPORTING AND DECISION MAKING ARE CONDUCTED IN ACCORDANCE WITH THE SUSTAINABILITY PRINCIPLES

Priority Commitments 2006	2006 Actions related to Commitment	Status of Action	Timeframe for Achievement	Responsibility - Internal	Other Involved parties - external	Target
To provide safer and more attractive railway stations with improved connectivity to existing infrastructure helping to facilitate revitalisation and therefore encouraging better outcomes for local businesses.	Upgrades Kelmscott and Midland Stations.	Construction of Kelmscott Station.  Construction of Midland Station.	Jan 2006  September 2006	General Manager, Network and Infrastructure.	Local councils, DPI, Western Power, LandCorp	The upgrade of Kelmscott and Midland stations. Compliance with the disability standards.
To employ sustainability assessment in the planning, design, construction and operations of the New MetroRail project.	See South West Metropolitan Railway Sustainability Strategy.	N/A	2006	Project Director, New MetroRail	Local councils and other govt. agencies.	New MetroRail complete.
To continue to provide a safe working environment for staff at the PTA.	See Occupational Health and Safety 20 Questionnaire and PTA's Health Standards Plan.	N/A	2006	Manager, Corporate Issues and Compliance		





<p>To continue to upgrade country rail stations so that it meets the requirements of the Disability Discrimination Act.</p>	<p>Works involve provision of a raised platform to railcar threshold level, within acceptable clearance tolerances. These works include provision of complying ramps, stairs, lighting and pathways.</p>	<p>Stations that are complete - Merredin, Northam, Cunderdin, Brunswick, Pinjarra, Waroona, Southern Cross, Kellerberrin, Bonnie Vale, Tammin, Toodyay, Mundijong, Moorine Rock, Serpentine.</p> <p>Koolyanobbing station to be completed 2005.</p> <p>Burracoppin, Carrabin, Bodallin, North Dandalup, Yarloop, Cookernup and Meckering to be completed by 2006.</p>	<p>2006</p>	<p>General Manager, Network and Infrastructure</p>	<p>Local councils, DPI, Western Power, LandCorp</p>	<p>The upgrade of all stations by 2006.</p>
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**OBJECTIVE 2: TO CONDUCT AGENCY OPERATIONS IN A WAY THAT THEY SUPPORT SUSTAINABILITY.**

<b>Priority Commitments 2006</b>	<b>2006 Actions related to Commitment</b>	<b>Status of Action</b>	<b>Timeframe for Achievement</b>	<b>Responsibility - Internal</b>	<b>Other Involved parties - external</b>	<b>Target</b>
Promote alternative fuels and offset greenhouse gas emissions.	Continue to replace buses with the new Mercedes-Benz Euro 4 gas bus.	The replacement of our diesel fleet with the new generation of gas-powered buses.	Ongoing	Director, Transport, Regional and School Bus Services	DPI	
To further imbed strategies identified in 2005.	Integration of sustainability strategies.		Ongoing			
Cycling/Public Transport Integration.	Continue to provide end of trip facilities at all train and major bus stations throughout the metro area and integrate planning/funding and infrastructure delivery to improve public transport accessibility and therefore reduce car use.		Ongoing	General Manager, Network and Infrastructure	MRWA, DPI	Contribute to increasing cycling to 85 of all trips by 2010.



**OBJECTIVE 3: TO EMPOWER AND ENCOURAGE EMPLOYEES TO EMBRACE SUSTAINABILITY**

<b>Priority Commitments 2006</b>	<b>2006 Actions related to Commitment</b>	Status of Action	Timeframe for Achievement	Responsibility - Internal	Other Involved parties - external	Target
To develop a plan for voluntary employee information sessions on sustainability.	Implement "Green Transport Plan"	N/A	Implementation 2007	Executive Director, People and Organisational Development.	Speakers	Plan by 2006.



## Public Transport Authority (PTA) Sustainability Action Plan 2007

Priority Commitments 2007	2007 Actions related to Commitment	Status of Action	Timeframe for Achievement	Responsibility - Internal	Other Involved parties - external	Target
Reduce waste and maximise recycling by introducing an environmentally friendly alternative to the cash ticketing and MultiRider system.	The construction of Smart Rider.	Smart Rider in place and operational.	Aug 2007	General Manager, Network and Infrastructure	Community, local councils and other relevant govt. agencies.	Implementation
Achieve beyond the 6% energy reduction target.	<p>Replace existing lighting on the second floor (north end) with new efficient T5 light fittings and connected to the BMS.</p> <p>Replace existing lighting on the fourth and sixth floor with new efficient T5 light fittings. All to be connected to the BMS.</p> <p><i>Also see Case Study 'PTA Recognised for Saving Energy'</i></p>	Replaced lighting on the second floor (north end).	Dec 2007	General Manager, Network and Infrastructure		Completion of action and continue to monitor energy usage.