

The NSW Government Waste Reduction & Purchasing Policy (WRAPP)

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Manager Government Programs

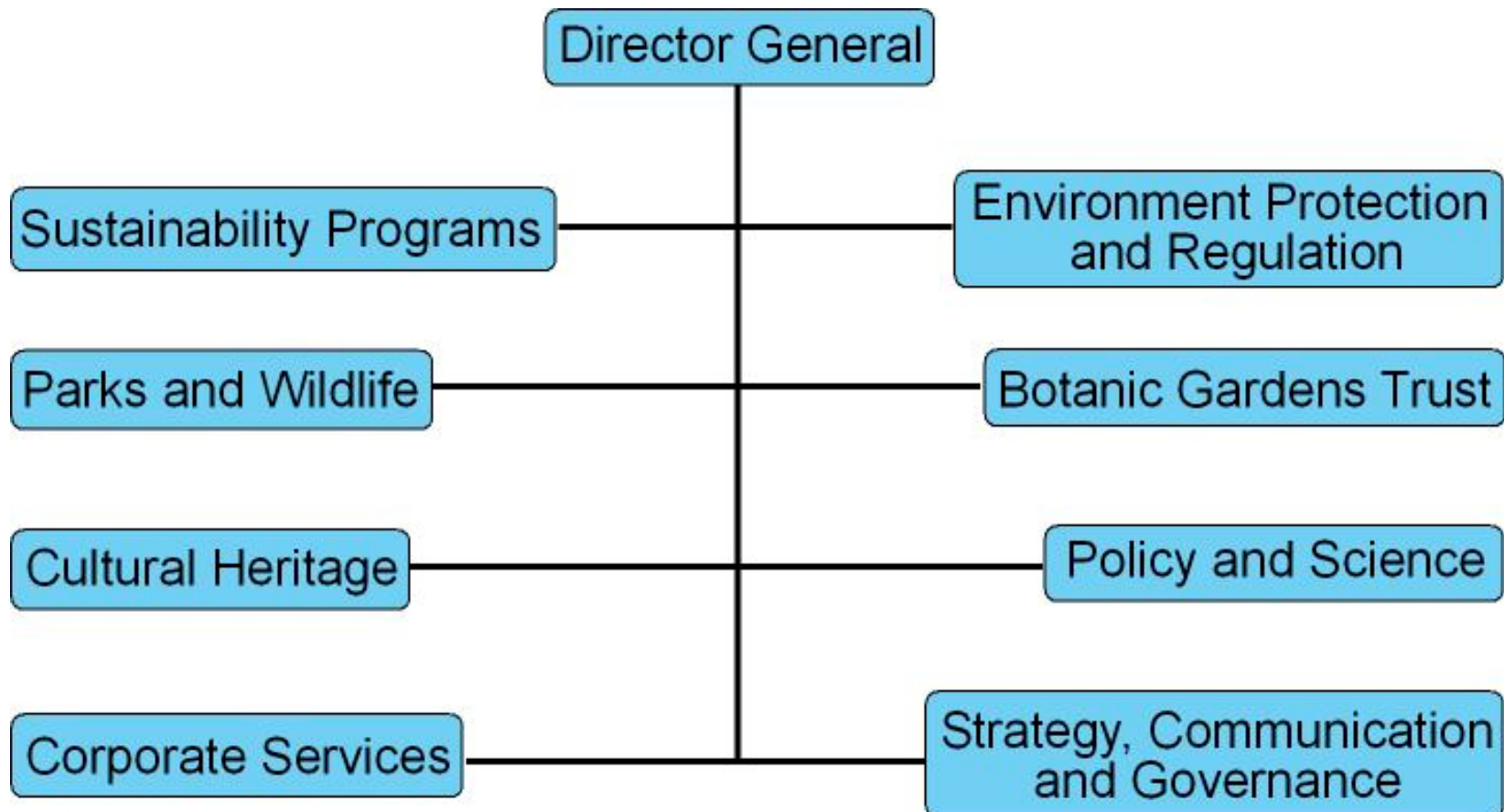


Department of Environment & Conservation

- **Formed in September 2003**
- **Brings together four agencies under the environment portfolio:**
 - Environment Protection Authority (EPA),
 - Royal Botanic Gardens,
 - National Parks & Wildlife Service and
 - Resource NSW
- **Sustainability Programs Division (SPD) role is promoting environmentally sustainable consumption and production**



The Department of Environment and Conservation (NSW)



What is the WRAPP?

- **State government response to waste management**
- **Aims to make NSW government agencies model waste managers**
- **Requires agencies to establish and implement an Action Plan**



WRAPP requires each agency to:

- **Become a model waste manager**
- **Avoid the generation of waste**
- **Separate and recover resources for re-use and recycling**
- **Purchase recycled content and low-waste products**
- **Apply these principles to both**
 - Internal staff and activities and
 - external contractors and suppliers



The WRAPP

- **Applies to all 129 agencies, departments and state owned corporations**
- **Created by a Premier's Memorandum**
- **Takes account of each agency's:**
 - highly devolved decision making
 - significant autonomy and
 - the need to focus on core business and outcomes



Target materials

- **Reduction, recovery and recycling of:**
 - **Paper**
 - **Office products**
 - **Packaging**
 - **Vegetation waste**
 - **Construction and demolition waste**



Target materials

- **Purchasing initiatives for recycled content:**
 - Paper
 - Office products
 - Office equipment
 - Landscaping materials
 - Construction materials



Whole-of-Government Progress

- Purchase of recycled content office paper doubled in four years to 44%
- Purchase of recycled content construction materials doubling in past two years
- Recycling of waste office paper increasing by 25% per year
- 70% of unwanted computers and monitors reused or recycled, up from 51% in 2003.



Whole-of-Government Progress

- **In 2005, 121 agencies and SOCs submitted progress reports (95%)**
- **99% have paper & cardboard recycling systems in offices**
- **73% have incorporated WRAPP into Corporate Plan & Purchasing Policy**
- **89% actively encouraged double-sided printing & copying**



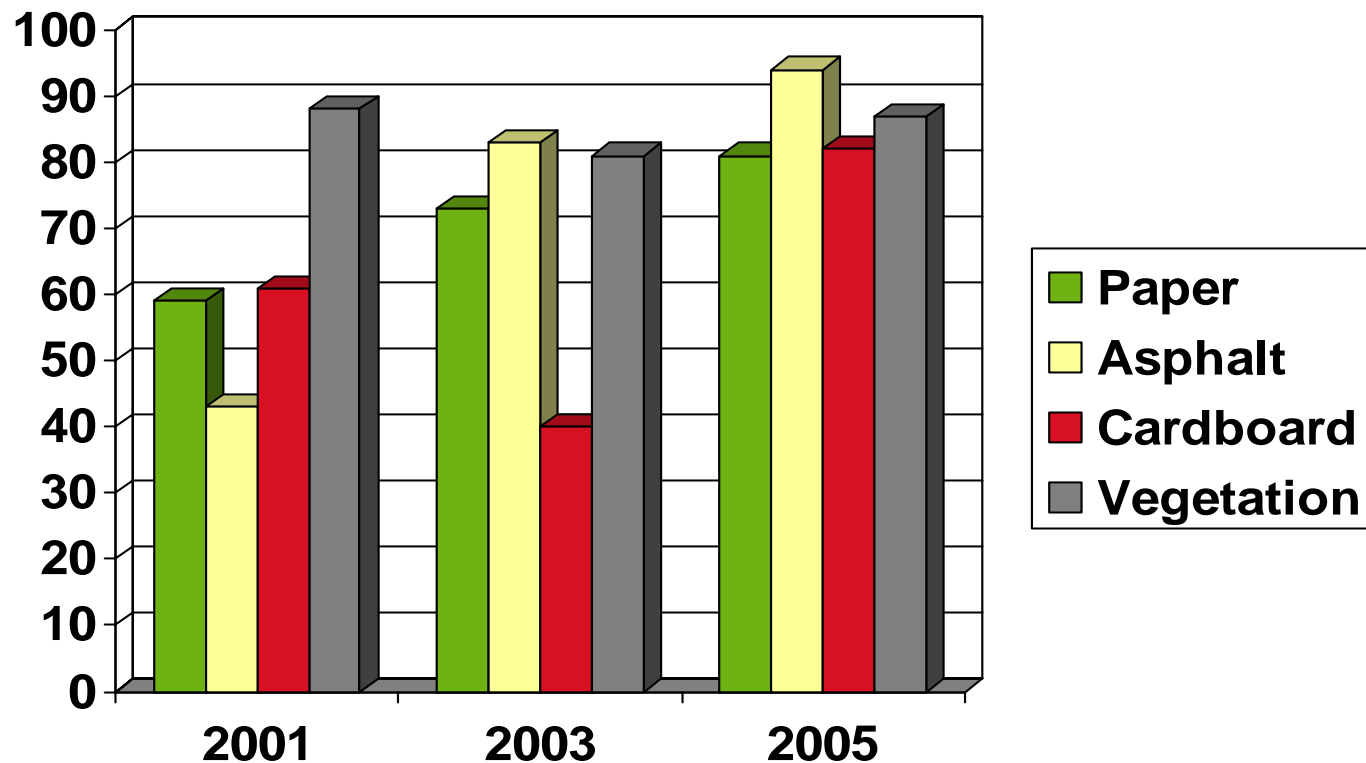
Whole-of-Government Progress

- **Only 27% have negotiated take-back arrangements with suppliers**
- **Only 40% have a dedicated WRAPP section on their Intranet**
- **Only 53% have incorporated waste and recycling systems into induction training for new staff**



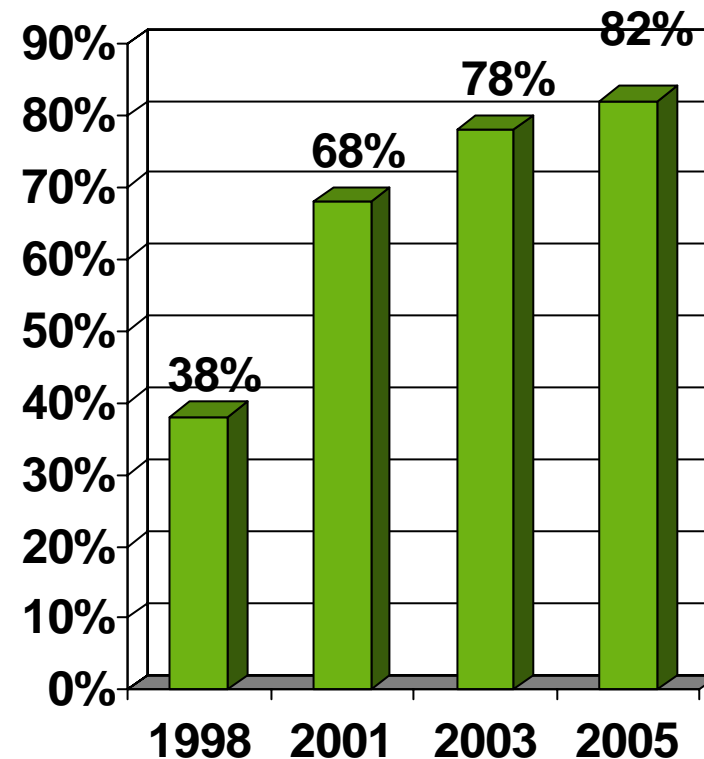
Whole-of-Government Progress

Improved recycling rates



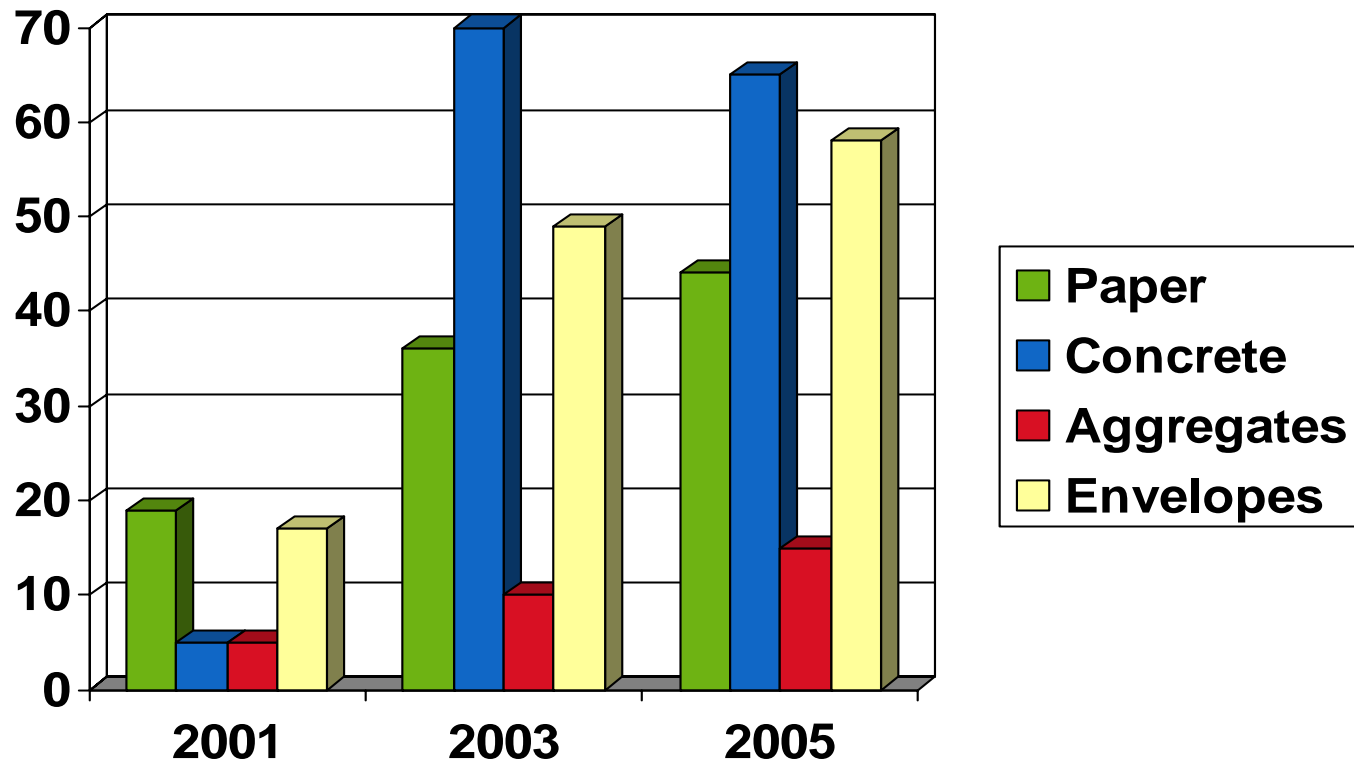
Recycling of waste office paper

The amount of waste office paper recovered for recycling has doubled from 4,800 tonnes a year in 2001 to 10,000 tonnes in 2005.



Whole-of-Government Progress

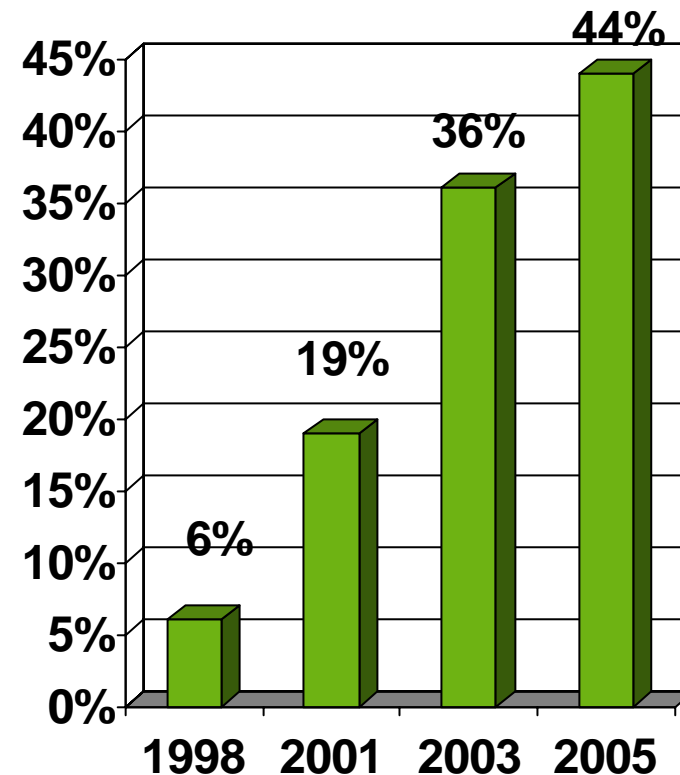
Improved purchase of recycled content



Recycled content office paper

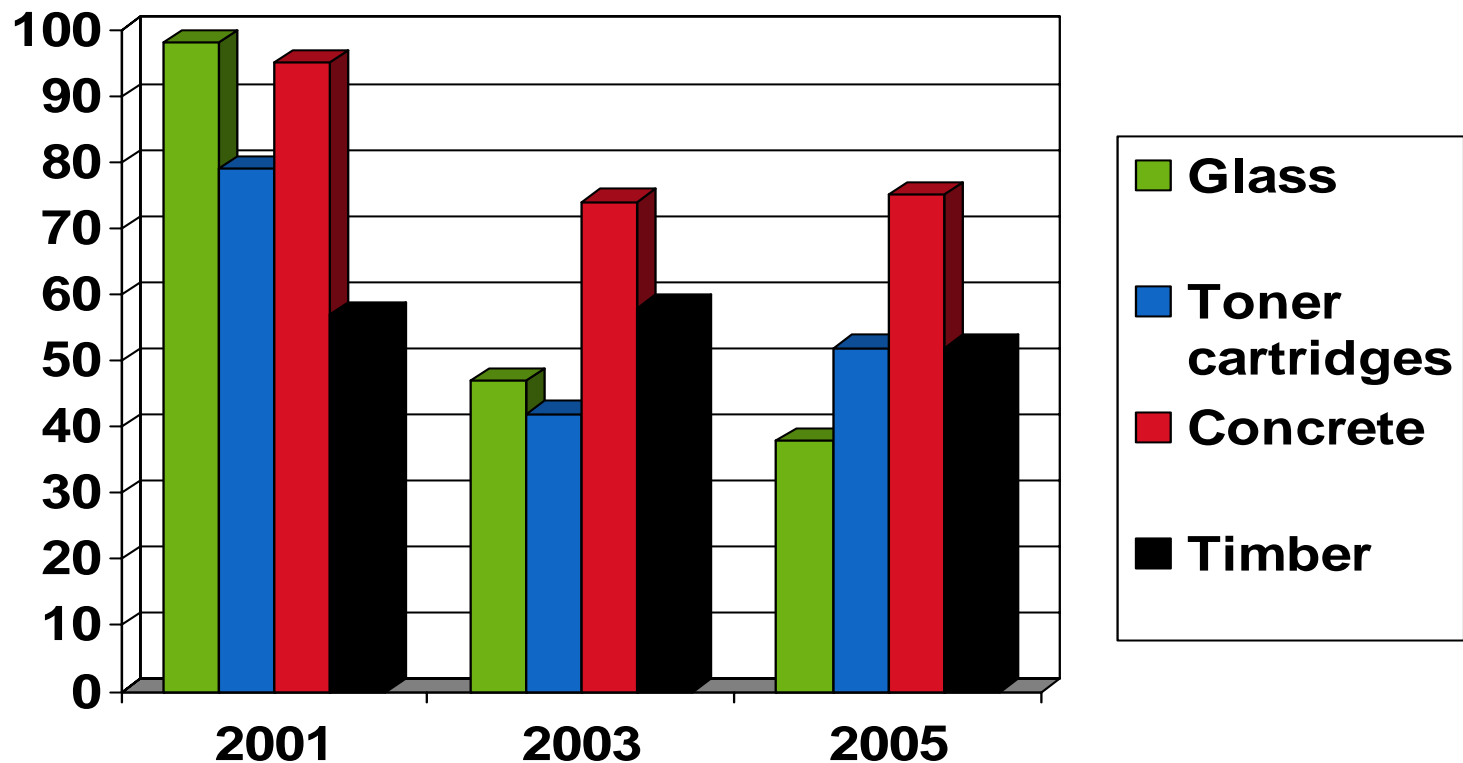
The amount of recycled content office paper has almost doubled from 455,000 reams in 2001 to 899,000 reams in 2005.

At the same time, overall consumption of paper has remained steady.



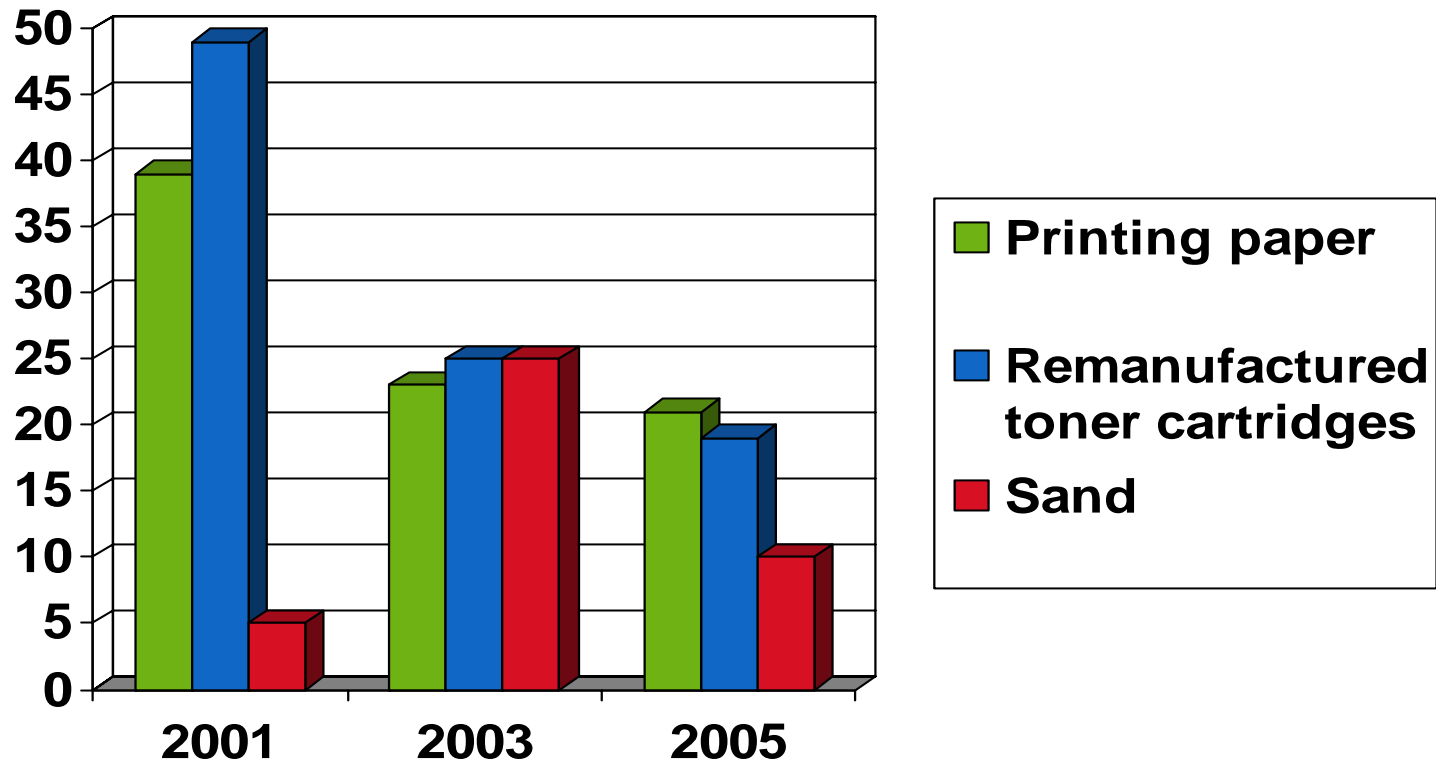
Whole-of-Government Progress

Lower recycling rates



Whole-of-Government Progress

Lower proportion of recycled content



WRAPP Case Studies

- **Port Kembla Port Corporation – recycling timber packaging - 2,500m³ and \$200,000 saved**
- **Workcover Authority – new head office building – best practice recycling systems**
- **Department of Commerce – Smartbuy online purchasing**
- **Energy Australia – purchased remanufactured toner cartridges**
- **North Sydney AHS – purchase of recycled content copy paper**
- **Primary Industries – ISO 14001 EMS**



WRAPP Case Studies

- **Westmead Hospital – return packaging – saved \$4,000 per year**
- **Attorney General’s Department – “No To Waste” campaign**
- **Heritage Office – adaptive reuse of a heritage building**
- **Zoological Parks Board – improving environmental management operations – targeting public place recycling, vegetation and grounds maintenance, animal manures etc**



Other initiatives

- **Specifications and guides published**
 - road making materials,
 - garden organics
 - office paper
 - printing
 - office equipment
- **Sustainable Schools Program with the DET**



Future WRAPP

- **Continuous improvement program with agencies**
- **Sustainable 'purchasing' initiatives with the Department of Commerce and major agencies**
- **Integration with 'triple bottom line' reporting**
- **Improved reporting guidelines and electronic lodgement of reports**



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