
How is Australia Determining the Priority

Dwayne Purdy,
Australia Department of Industry and Sciences

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Dwayne Purdy is the Manager of the Policy and Technical Analysis Team in the Appliances Branch of the Australian Department of Industry and Science.

The team's role is to review past and project future savings estimates for appliance energy efficiency policies and the impacts of the Greenhouse and Energy Minimum Standards (GEMS) Legislation.

Dwayne has worked in government for 20 years this month and has worked in a variety of roles including service with the Royal Australian Navy, Defence Housing Australia, the Department of Environment and most recently the Department of Climate Change and Energy Efficiency until it was abolished in 2013.

Dwayne has educational qualifications in Government and Public Sector Administration. He is an amateur painter of oil landscapes and enjoys following the Formula One Grand Prix when he has the time and lives in Canberra, Australia.

For more information:

Department website – <http://www.industry.gov.au>

Email – Dwayne.purdy@industry.gov.au



Australian Government
Department of Industry and Science

How is Australia Determining the priority?

Prioritising Products and Assessing the Impacts of Standards & Labelling Programs

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What is the process for prioritisation in Australia?

- ❑ Australia is undertaking two processes:
 - Review and analysis of impacts of current policies
 - Projection of future policies

- ❑ Each process uses economic modelling and assessment tools

- ❑ Each delivers a benefit to cost ratio
 - It provides this through a range (as shown)
 - It takes into account assumed errors
 - It provides confidence levels
 - It takes into account regulatory burden for business and government

Indicator	Projected value for 2014 – 2020
Energy Savings (GWh)	69,000 - 80,000
Benefits (\$M)	7,587 - 8,996
Costs (\$M)	1,723 - 4,308
Net Present Value (\$M)	3,279 - 7,273
Benefit : cost ratio	1.7 – 5.2

Example

What data do we use for informing our prioritisation?

Australia gets its data from a range of sources including:



What are the particular strengths of our process?

- ❑ Using economic principles as an evidence base provides a common understanding
- ❑ A greater level of rigour using standard economic techniques
- ❑ Incorporating the impacts to business to determine cost benefit provides:
 - Greater transparency
 - Shows business that we are considering the broader impacts of policy
 - Strengthens government to business co-operation
 - Allows for better exchange of information
 - Confidence in the evidence and policy

Challenges and Opportunities

Challenges

- Understanding what data to collect
- Collection of data
- Access to commercial data
- Sharing of data

Facilitation

- Knowing of others that have the ability to collect and share data
- Sharing our data where we can
- Continuing dialogue with our partners to source and collaborate on data exchange

Possible Collaborative Activities

Data

- Sharing data where possible

Economic Model

- Sharing our model and the results

Reports and Reviews

- Sharing where possible



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Industry House
10 Binara Street
Canberra City, ACT 2601, Australia
Telephone +61 2 6213 6000