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## End-use energy efficiency in Australia – Cost effective greenhouse gas abatement

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the Environment and Heritage

## Acknowledgements


- Asia Pacific Economic Cooperation
- Australian Institute of Refrigeration, Airconditioning and Heating;
- the Airconditioning Refrigeration Equipment Manufacturers Association;
- the Energy Supply Association of Australia;
- the Australian Greenhouse Office



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## Presentation Outline

- The Australian Government's strong commitment to greenhouse abatement
- The broad energy and greenhouse policy context
- Specific actions on airconditioning



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## \$1 billion commitment is delivering

- Australia is on-track to meeting its emissions target;
- Our policies are delivering:
  - Lower greenhouse emissions
  - Certainty
  - Competitiveness



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## Continuing the commitment

- The Budget included a \$464 investment in greenhouse mitigation over 4 years:

Emissions management	\$334.4m
International engagement	\$22.6m
Strategic policy support	\$28.5m
Impacts and adaptation	\$14.2m
Science & measurement	\$63.8m



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## Developing an integrated energy policy



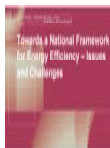
- Australia is developing a coordinated energy policy through:
  - Establishment of the Cabinet Energy Committee and the Energy Taskforce
  - An Energy Policy Statement, to be released soon.



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## Energy Efficiency – A National Framework

- Aimed at unlocking the economic benefit of more energy efficient technologies and processes, the framework could deliver:
  - GDP improvement by up to \$1.8 billion
  - Employment growth of up to 9200 jobs
  - Energy use lowered by up to 9%
- Consulting widely with stakeholders to develop and agree future directions for energy efficiency policy and programs.



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## Energy Efficiency – End-use Appliance and Equipment Program

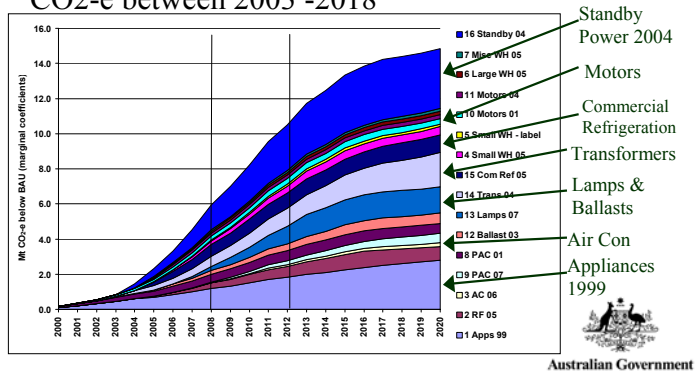
- This national program is an important part of any cost-effective energy efficiency and greenhouse program
- Between 2003-2018, it will deliver:
  - Over \$4 billion in energy savings
  - Saving** the community around \$30 for every tonne abated



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## End-use Appliance and Equipment Program

- Greenhouse reductions of 134 million tonnes of CO<sub>2</sub>-e between 2003 -2018



## Approach to Appliance and Equipment Efficiency

- An integrated policy approach including:
  - Banning the worst products from sale through minimum performance standards
  - Using mandatory “star” labels and voluntary labels like the Top Energy Saver Award Winner to :
    - enable consumers to make informed choices and
    - encourage suppliers to compete by rewarding more efficient product



## Energy Efficiency - Airconditioning

- Commercial airconditioners subject to minimum energy performance standards since 2001
- Consumer airconditioners subject to minimum energy performance standards from October 2004
- National mandatory labelling of consumer airconditioners since the early 1990s and refreshed in 2000



## Accelerating Airconditioner MEPS

- The Government welcomes the AREMA’s call to accelerate the second stage MEPS for consumer airconditioners:
  - The previously agreed October 2007 levels to be brought forward eighteen months years earlier to April 2006,
  - Will improve the efficiency of 87% of current product within 20 months.



## Accelerating Airconditioner MEPS –2

The Government will consider the AREMA calls:

- To develop a clear regulatory plan for the next 5 to 10 years
- To involve the more than 400 suppliers in the Australian market
- To vigorously police the standards



## Conclusion

- This government takes an integrated and long-term approach to energy and greenhouse policy.
- Energy efficiency will play an important part in delivering on energy and greenhouse policy aims.
- This conference is an important part of setting the agenda for the future

