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# Key steps to international cooperation in Energy Efficiency



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## Overview of Presentation

- Quick overview of energy efficiency policy in Australia
- Practical steps for international cooperation
- Barriers to progress on energy efficiency
- 2-4 specific priorities for further action





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# Australia: participating in a global response

- Australian climate change review
- ETS and EE







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# Australian National Policies

- Regulation – Minimum energy efficiency standards
- Best practice guides – Green Leases
- Cooperative Programs – EEO



The more stars the more energy efficient

## ENERGY RATING

A joint government and industry program  
Kustom Kooler refrigerator Model 520

Energy consumption  
**505**  
kWh per year

When tested in accordance with AS/NZS 4474.2  
Actual energy use and running costs will depend on how you use the appliance.  
Compare all models at [www.energyrating.gov.au](http://www.energyrating.gov.au)



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# Energy Efficiency Opportunities

- EEO program commenced in July 2006
- Energy Efficiency Opportunities program aims to improve uptake of commercial energy efficiency opportunities by building the capacity of corporations to identify energy efficiency opportunities
- [www.energyefficiencyopportunities.gov.au](http://www.energyefficiencyopportunities.gov.au)





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# Australian Green Lease

- Learning from other nations
- How to deal with split incentives through regular monitoring and review

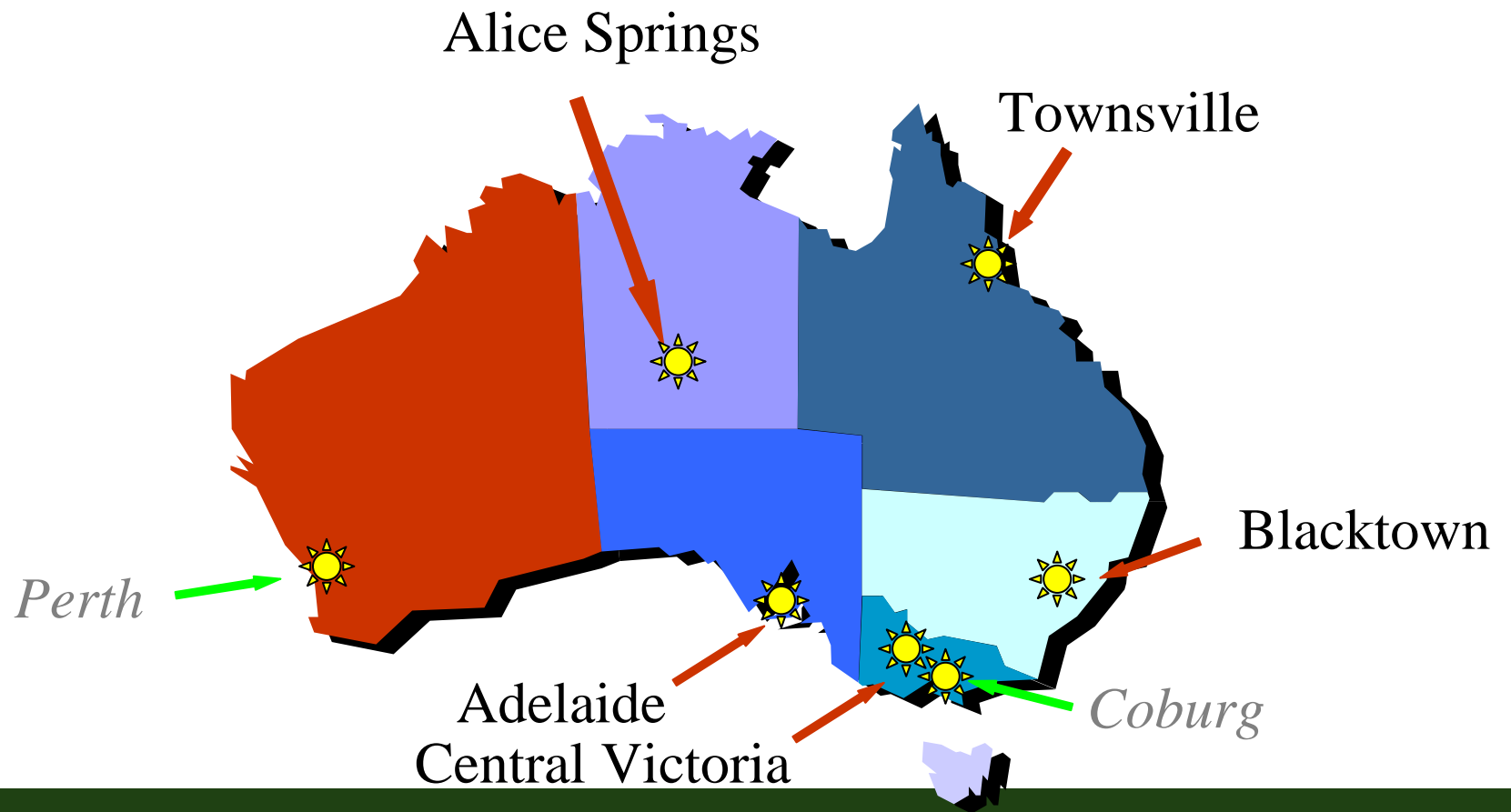




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# Australian Initiatives: Solar Cities







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# Overcoming Challenges: Lighting Case Study

- End-users /Market unaware of the savings potentials
- First cost versus whole-of-life costs
- Other technologies known and cheaper
- Different cost incentives exist for installers and users
- Equipment and operations are financed separately







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# Overcoming the Challenges: Lighting Case Study

- Targeting the Barriers – Road to Success
  - create incentive to minimise equipment costs
  - build on past experiences - institute regulations
  - lead by example through pioneering efficient-lighting technologies and practices in their own buildings





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# Compact Fluorescent Lamp Lighting



- Australian initiative
- Looks at key issues
- Global strategy



## Outcomes of CFL harmonisation initiative

- Proposed International Standard submitted to IEC
- Australia has decided use two international performance levels to allow products to be sold
- Blueprint for improving efficiency of other products





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# Lighting Case Study : Key Lessons

- Respond to specific concerns and apply targeted methodology
- Global movement: nations leading each other
- Have a strategic framework to address the barriers
- Act now







## Conclusions

- Sharing experiences of sound, measured & coordinated policy + timely international collaboration = success
- Multi-lateral help forums with information and assistance on the development of institutional structures and responsibilities for development and implementation of EE.





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*Thank you*

