



Australian Government
Climate Change Authority



Updating the Climate Change Authority's advice on meeting the Paris Agreement

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CRSPI Partner Collaboration Forum

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About the Climate Change Authority



Provides expert advice to Government on climate change policy



Independent statutory body

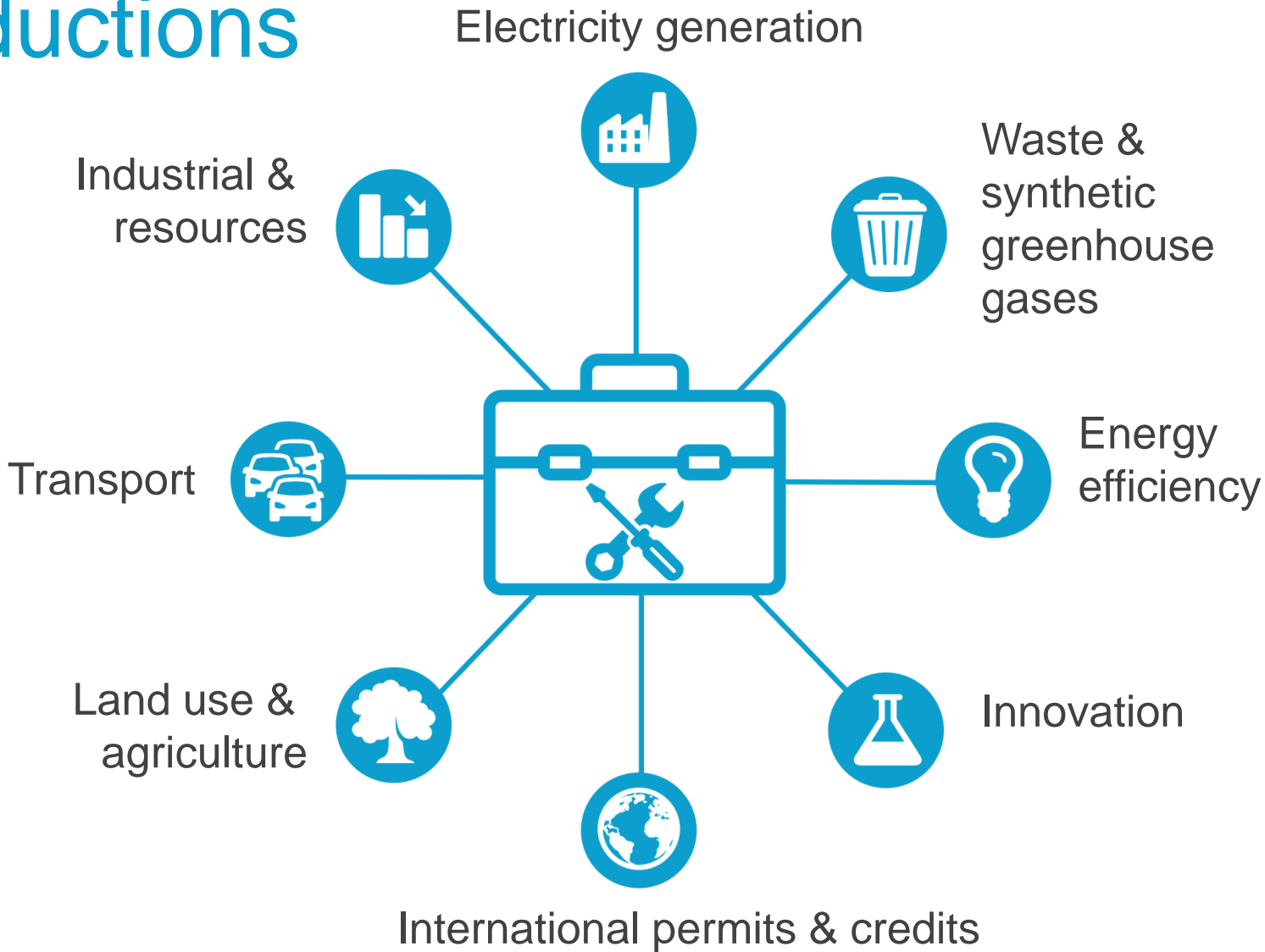
- up to 9 members including Chief Scientist
- reports to Minister for Energy and Emissions Reduction



All reports and recommendations published



A policy toolkit for emissions reductions



| | Current policies | | Toolkit | | | |
|----------------------------|---|---------------------|---|---|--|------------|
| Electricity supply | | | Emissions intensity scheme from 2018 <i>Intensity baseline declines linearly over time, reaching zero well before 2050</i> <i>Eligible energy efficiency credits can be used to meet obligations</i> | Chapter 5 | | |
| | | | Renewable Energy Target <i>Ends 2030</i> | Chapter 9 | | |
| Direct combustion | Emissions Reduction Fund (ERF) - crediting and purchasing | Safeguard mechanism | Enhanced safeguard mechanism <i>Baselines decline consistent with Australia's commitments</i> <i>ERF credits from agriculture, land use and safeguard sectors can be used to meet obligations</i> | Enhanced safeguard or market mechanism | Chapter 5 | |
| Industrial processes | | | ERF auctions in safeguard sectors and transport | | | |
| Fugitive emissions | | | | | | |
| Transport | | | Carbon dioxide standards for light vehicles | Chapter 10 | Standards continue; 2022 review to consider transport coverage under enhanced safeguard or market mechanism | Chapter 5 |
| | | | Cost-benefit analysis of carbon dioxide standards for heavy vehicles | | | |
| Agriculture | | | <i>ERF auctions for agriculture and land use</i> | ERF crediting | Chapter 11 | |
| Land use | | | | | | |
| Waste | Regulation and standards | Safeguard mechanism | ERF auctions; Regulation to further reduce emissions | | | Chapter 12 |
| Synthetic greenhouse gases | | | | | | |
| Cross-cutting policies | State-based white certificate schemes Energy efficiency measures for buildings, industry, households Innovation support | | Efforts to harmonise white certificate schemes for use as offsets under emissions intensity scheme ERF crediting and auctions for energy efficiency New or enhanced energy efficiency measures for buildings, industry, households Innovation support focussed on R&D for low-emissions technologies | | Chapter 7 Chapter 7 Chapter 7 Chapter 8 | |
| Reviews | | | First toolkit review in 2022 Five-yearly reviews thereafter <i>Reviews to assess Australia's progress and that of key countries</i> | | | |

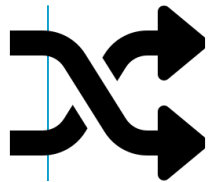
CCA's recommendations on agriculture and forestry

- Towards a Climate Policy Toolkit (2016)
 - ERF crediting for land/ag sector, move to private purchasing
 - R&D for ERF method development; improve productivity and carbon storage
- ERF Review (2017)
 - ERF working well, technical improvements recommended
- Reaping the Rewards (2018)
 - Pursue multiple benefits and improve profitability

What's changing/emerging issues



Data &
information



Physical &
transition risks

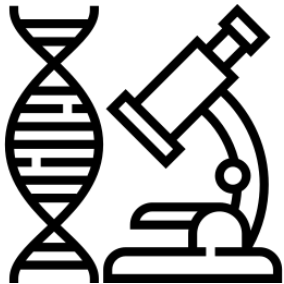


Competitiveness

RD&E needs

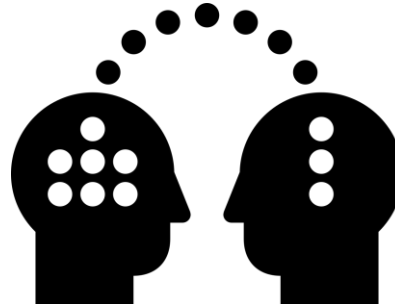
Basic research

Knowledge/ tech to reduce agricultural emissions



Translation

Climate information & scenarios



Policy & Deployment

How best to mobilise new tech



Questions

The CCA is interested in your views

- Who is best placed to do this R&D?
- How should it be supported?
- What regulatory or policy support is needed?