

**Senate Standing Committee on Environment and Communications
Legislation Committee**

Budget Estimates 2011-2012, May 2011

Answers to questions on notice

Climate Change and Energy Efficiency portfolio

Outcome:	1	Question No:	53
Program:	1.3		
Division/Agency:	ASCD		
Topic:	University of New South Wales grant		
Hansard Page EC:	EC 113		

Senator Birmingham asked:

Senator BIRMINGHAM: I will pick on one particularly large one, \$220,000 to the University of New South Wales. What is the intent of the program and, particularly for that example, what are the taxpayers getting for their \$220,000?

Mr Swirepik: Was that to the University of New South Wales, did you say?

Senator BIRMINGHAM: That is right.

Senator Wong: We will take that on notice.

Mr Swirepik: I think we will have to take that on notice. I am not convinced we have that investment in the current financial year.

Senator BIRMINGHAM: Okay. The date the funding agreement was signed, according to what was tabled in the Senate, was 25 March 2011, if that provides any assistance.

Mr Comley: We will take it on notice.

Answer:

The Centre of Excellence for Climate System Science is a major initiative funded by the Australian Research Council to enhance the national capacity to better understand and project the magnitude and timing of regional climate change for the Australian region.

The Centre of Excellence will receive \$21.4 million from the Australian Research Council over seven years and is administered by the University of New South Wales. The Department, as one of a number of partner agencies, is providing \$220,000 primarily to support research focused on extreme events. In particular, research will include evaluation of climate model simulations of extreme events and the exploration of known weaknesses in the capacity of climate models to simulate extreme events.

The first payment of \$110,000 (GST inclusive) was paid to the University of New South Wales in April 2011. The final payment of \$110,000 (GST inclusive) is expected to be paid to the University of New South Wales in April 2012, subject to meeting project milestones.

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Climate Change and Energy Efficiency portfolio

Outcome:	1	Question No:	54
Program:	1.3		
Division/Agency:	ASCD		
Topic:	International Climate Change Adaptation Initiative – Kiribati funding		
Hansard Page EC:	EC 113		

Senator Birmingham asked:

Senator BIRMINGHAM: Under the International Climate Change Adaptation Initiative there is \$250,000 for the government of Kiribati. What are the outcomes for that?

Ms Sidhu: I do not have that in front of me. I can take that on notice.

Answer:

Under the International Climate Change Adaptation Initiative, the Department provided \$250,000 to the Government of Kiribati in 2011 to facilitate outer island community input into the draft Kiribati National Climate Change Framework through a national summit.

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Climate Change and Energy Efficiency portfolio

Outcome:	1	Question No:	55
Program:	1.3		
Division/Agency:	ASCD		
Topic:	International Climate Change Adaptation Initiative		
Hansard Page EC:	EC 113		

Senator Birmingham asked:

Senator BIRMINGHAM: Once again the department may need to work with AusAID on this, but if you could provide the same sort of summary for this financial year as I asked—

Ms Sidhu: For the department's component of the funds?

Senator BIRMINGHAM: Yes. Let us be clear in the division of the funds between the department and AusAID.

Ms Sidhu: There is a total of more than \$200 million or \$300 million over a number of years that has been put towards the International Climate Change Adaptation Initiative. The department owns something like \$32 million of those funds, so it does draw out grants. I am very happy to provide you with the data on the department's component of those funds.

Answer:

The International Climate Change Adaptation Initiative (ICCAI) commenced in 2008-09 as a \$150 million program over three years (2008-09 to 2010-11) to meet high-priority climate change adaptation needs in vulnerable countries in the Asia-Pacific region. The ICCAI is jointly managed by AusAID and the Department, reflecting the expertise of each department. On 11 May 2010, the Minister for Foreign Affairs announced an additional \$178.2 million over two years for the ICCAI under the *2010-11 International Development Assistance Budget*, bringing the commitment to a total of \$328.2 million over five years.

Of the initial \$150 million funding, the Department manages two programs: the \$12 million Pacific Adaptation Strategy Assistance Program (PASAP) and the \$20 million Pacific Climate Change Science Program (PCCSP). The PCCSP is being delivered by the Bureau of Meteorology and CSIRO and these agencies have received funding directly from AusAID.

Of the total program budget for the PASAP, \$10,534,000 of funding is allocated to financial year (FY) 2010-11. Please refer to the response to Question on Notice No. 59 for further details of grants provided by the Department under ICCAI funds in FY 2010-11.

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Climate Change and Energy Efficiency portfolio

Outcome:	1	Question No:	56
Program:	1.3		
Division/Agency:	ASCD		
Topic:	Australian Centre for Climate Change Adaptation Program		
Hansard Page EC:	EC 114		

Senator Birmingham asked:

Senator BIRMINGHAM: These are under the Australian Centre for Climate Change Adaptation Program. I cited RMIT and the Local Government Association of South Australia as two examples.

Ms Sidhu: I will have to take that one on notice. I do not have RMIT on my list.

Senator BIRMINGHAM: I understand the agreement was signed with them on 21 February 2011. If you could take that on notice and you could give me all the grants for this year and a breakdown of what they are seeking to achieve, that would be appreciated.

Answer:

A list of grants made under the Australian Centre for Climate Change Adaptation Program from 1 July 2010 to 30 June 2011 is at [Attachment A](#).

**Grants made under the Centre for Climate Change Adaptation Program in the period
1 July 2010 – 30 June 2011**

Recipient	Amount (\$ GST exclusive)	Purpose
University of New England	444,601	Research project: Past, Present and Future Landscapes: Understanding Alternative Futures for Climate Change Adaptation of Coastal Settlements and Communities. To provide an integrated approach to better guide planning and policy decisions for adaption actions.
Local Government Association of South Australia	320,000	Research project: Development of tools that allow Local Governments to translate climate change impacts on assets into strategic and operational financial and asset management plans. To identify key council assets vulnerable to climate change.
CSIRO	650,000	Research project: Pathways to Climate Adapted and Healthy Low Income Housing. To model the vulnerability of public housing assets and tenants to selected climate change impacts.
University of Wollongong	598,172	Research project: A model framework for assessing risk and adaptation to climate change on Australian coasts. To integrate geomorphological, engineering and economic approaches to assessing risk for the Australian coast.
RMIT University	578,000	Research project: Enhancing the resilience of seaports to a changing climate. To better understand the vulnerability of critical seaport infrastructure and develop new knowledge and methodologies for enhancing port resilience to future climate change.
Australian Local Government Association	50,000	Project: To sponsor the annual National General Assembly of Local Government in return for opportunity to host sessions on climate change.
Australian Local Government Association	45,455	Research project: Funding contribution for a legal study – Climate Change Adaptation and Local Government Liability.
James Cook University	400,000	Research project: Assessment of the risks of climate change driven coastal erosion and inundation impacts on Torres Strait communities and the development of adaptation options for specified Torres Strait Island communities.
Australian National University	350,000	Research project: Development of a robust analytical framework and using this framework to estimate the economic benefits of intentional climate change adaptation.
Green Cross Australia	68,181	Project: To engage the community in collecting images of 2011-12 king tides in Queensland and to build an add-on module to the www.hardenup.org community engagement portal to allow access to the images.
Antarctic Climate & Ecosystems Cooperative Research Centre	535,220	Project: To further develop the sea level rise decision support tool developed by the Antarctic Climate and Ecosystems Cooperative Research Centre.

Geoscience Australia	350,000	Project: To further progress development and implementation of the National Coastal Geomorphological Information Framework.
Local Government Association of Tasmania	500,000	Project: Rising to the challenge – developing flexible coastal adaptation pathways for local communities. To assist a pioneering council to prioritise and implement adaptation investment options; and test the methodology on less advanced councils, progressing them more rapidly and cost effectively.
Municipal Association of Victoria	500,000	Project: Choosing a preferred pathway for Port Phillip Bay. To develop and evaluate adaptation and management options that provide flexible and feasible pathways for managing risk over time.
Department of Sustainability and Environment (Western Coastal Board)	145,000	Project: A value and equity framework for climate adaptation: Caravan and camping parks case study. To develop a caravan park adaptation pathways decision-framework incorporating social and economic considerations relevant for strategic and risk planning.
Water Services Association of Australia (WSAA)	500,000	Project: Climate change adaptation tool for the water industry. WSAA and Sydney Water aim to develop a robust and transparent computational climate change adaptation tool.
Local Government Association of Queensland	345,000	Project: Queensland coastal hazard adaptation strategy pilot study – Townsville. To pilot a coastal hazard adaptation strategy for those areas of Townsville City identified to be at risk from coastal hazards, in areas subject to incremental coastal inundation from rising sea levels, by 2100.
Sydney Coastal Councils Group	250,000	Project: Demonstrating Climate Change Adaptation of Interconnected Water Infrastructure. To undertake research and case studies to develop information, guidance and capacity building activities to ensure that organisations responsible for managing water infrastructure are able to implement appropriate asset management systems in a changing climate.
Sydney Coastal Councils Group	450,000	Project: Prioritising Coastal Adaptation and Development Options for Local Government: To develop information on what adaptation options are available to local councils and provide guidance for asset managers in how to implement these options.
Hunter Councils	400,000	Project: Decision Support for Adaptation Action. To improve the ability of coastal councils to implement adaptation approaches across the Hunter, Central and Lower North Coast region in a consistent and transparent manner.
Local Government Association South Australia	300,000	Project: Climate change decision support framework and software for coastal Councils. To improve the decision-making capacity of South Australian coastal planners and assets managers, including development of tools to guide decision makers about the financial implications of climate change impacts on asset management and investment.

South East Councils Climate Change Alliance	200,000	Project: Deciding for the coast – implementing effective adaptation options. To improve the ability of planners and decision-makers to assess the impacts of coastal hazards on key assets, leading to better land use planning outcomes.
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Answers to questions on notice

Climate Change and Energy Efficiency portfolio

Outcome:	1	Question No:	57
Program:	1.3		
Division/Agency:	ASCD		
Topic:	Climate Commission		
Hansard Page EC:	Written		

Senator Birmingham asked:

- a. What is the total remuneration of each Climate Commissioner?
- b. Are all the Climate Commissioners part-time or is it just Tim Flannery?
- c. For each Climate Commissioner what was the total cost of: (i) travel, (ii) accommodation, and (iii) any other expenses since their appointment?
- d. How many staff does the Department provide to support the Climate Commissioners?
- e. Who was responsible for the selection of each Commissioner and can you describe the process that was undertaken?

Answer:

- a. The Chief Climate Commissioner will commit an average of three days a week to his role, which equates to a pro-rata salary of \$180,000 per year. The other Commissioners are paid a daily rate of \$847. Costs per Commissioner are expected to be less than \$50,000 per year. These rates are comparable to Remuneration Tribunal determinations for similar panels.
- b. All Climate Commissioners are part-time.
- c. Out of a total budget of \$781,000, the allocation of operational expenses for 2010-11 financial year is \$541,000, which covers travel, accommodation and other related expenses.
- d. The secretariat supporting the Climate Commission (the Commission) currently has six full time equivalent staff.
- e. The Department of Climate Change and Energy Efficiency provided advice on suitable candidates for the Commission. The appointment of Chief Commissioner was agreed between the Prime Minister, the Hon Julia Gillard MP, and the Minister for Climate Change and Energy Efficiency, the Hon Greg Combet AM MP, on 26 January 2011.

The composition of the Commission was agreed between the Prime Minister and the Minister for Climate Change and Energy Efficiency on 9 February 2011.

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Answers to questions on notice

Climate Change and Energy Efficiency portfolio

Outcome:	1	Question No:	58
Program:	1.3		
Division/Agency:	ASCD		
Topic:	Climate Commission		
Hansard Page EC:	Written		

Senator Birmingham asked:

- a. How many meetings have the Climate Commissioners had so far?
- b. Can you provide a list of each attendee at these meetings?
- c. Has any Climate Commissioner missed a meeting to date?
- d. Where are these meetings held?
- e. How many public outreach events has the Climate Commission undertaken since it was established in February?
- f. Was every Climate Commissioner at each of these public outreach events?
- g. Where did these outreach events take place?
- h. What is the total amount the Commonwealth has been spent on the Climate Commission since it was established in February of this year?

Answer:

The terms of reference for the Climate Commission do not require formally constituted meetings of the Commissioners. The Commissioners meet periodically in the course of activities they undertake in accordance with the Commission's terms of reference.

The Climate Commission conducted seven community forums between its establishment in February 2011 and 30 June 2011. Due to pre-existing commitments and other responsibilities unrelated to their roles on the Commission, not all Commissioners attend every community forum. The forum locations and the Commissioners attending each forum were as follows.

- Geelong, Victoria: Professor Flannery, Mr Beale, Mr Hueston, Professor Hughes and Professor Steffen.
- Ipswich, Queensland: Professor Flannery, Mr Hueston, Professor Hughes and Professor Steffen.
- Port Macquarie, New South Wales: Mr Beale, Mr Hueston, Professor Hughes and Professor Steffen.
- Mackay, Queensland: Professor Flannery, Mr Beale, Dr Elliott, Mr Hueston and Professor Hughes.

- Canberra, Australian Capital Territory: Professor Flannery, Mr Beale, Dr Elliott, Mr Hueston, Professor Hughes and Professor Steffen.
- Adelaide, South Australia: Professor Flannery, Mr Beale, Dr Elliott, Mr Hueston and Professor Steffen.
- Tamworth, New South Wales: Professor Flannery, Mr Hueston, Professor Hughes and Professor Steffen.

In addition to community forums, the Commission typically holds a range of meetings with community members, local businesses and students in the regions they are visiting.

Government expenditure on Climate Commission activities between its establishment in February 2011 and 30 June 2011 totalled \$366,430.

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Answers to questions on notice

Climate Change and Energy Efficiency portfolio

Outcome:	1	Question No:	59
Program:	1.3		
Division/Agency:	ASCD		
Topic:	Program funding		
Hansard Page EC:	Written		

Senator Birmingham asked:

For each of the following programs, please detail all payments made in the current financial year. To what organisations or individuals was each payment made? Are payments made as lump sums or against specific milestones? Please detail what milestones or outcomes are expected from each grant?

- a. Influencing International Climate Change
- b. Australian Climate Change Science Program
- c. International Climate Change Adaptation Initiative
- d. Australian Centre for Climate Change Adaptation Program

Answer:

A complete breakdown of all payments is provided at Attachment A. This table indicates the organisations and/or individuals each payment was made to, whether the payment was a lump sum or milestone payment, and the outcomes of each payment.

All payments for the 2010-11 financial year are reported.

Program	Organisation (if appropriate)	Individual (if appropriate)	Total payment (GST inclusive)	Lump sum or milestones	Milestone/Outcome
<i>Helping to shape an international solution to climate change</i>	United Nations Framework Convention on Climate Change (UNFCCC)		\$350,000 (GST exclusive)	Lump sum	UNFCCC 2011 Annual Fee – Funding supports the ongoing costs for the UNFCCC Secretariat and its meetings.
	UNFCCC		\$243,000 (GST exclusive)	Lump sum	Kyoto Protocol – 2011 Annual Fee – Funding supports the ongoing costs for the UNFCCC Secretariat and its meetings.
	Cartagena Group		\$120,000* (GST exclusive)	Lump sum	Funding contribution for the 3rd Cartagena Dialogue group of progressive countries (Costa Rica, September 2010). Funding support for this group assisted in consolidating its significant role and influence in the lead up to Conference of the Parties (COP) 16.
	Cartagena Group		\$120,000* (GST exclusive)	Lump sum	Funding contribution towards the 4th meeting of the Cartagena Dialogue group of progressive countries (Malawi, March 2011). Funding assisted this group to meet and develop strategies for managing developed and developing country differences in the lead up to COP 17.
	Organisation for Economic Co-operation and Development (OECD) funding support for the OECD Ad Hoc Climate Change Experts Group (CCXG) and developing country participation		\$60,000 (GST exclusive)	Lump sum	Funding for post-2012 analysis work, funding support for the CCXG secretariat and support for developing country participation and economies in transition. Funding will support Australia’s efforts to influence the work program and engagement with developing countries.
	Baker Mackenzie – Research Project Commissioned Analysis “New Market Mechanisms in the Asia-Pacific Region”		\$70,000	Milestones	Funding of the a research project to help distil and understand the full range of existing and potential new market mechanisms; their mitigation potential; governance and regulatory capacity; capacity-building requirements; and the level of support for market mechanisms in countries within the region.

	India Event Sponsorship		\$45,000 (GST exclusive)	Lump sum	Funding contribution for Delhi Sustainable Development Summit facilitated a global forum aimed at discussion on providing long-term solutions for sustainable development.
	Climate Change Business Conference		\$25,000	Lump sum	Funding contribution towards Australia-New Zealand Climate Change and Business Conference. This conference will facilitate the exchange of views on climate change policies, and collaboration between industry and government.
	Earth Negotiations Bulletin (ENB) Funding		\$125,000 (GST exclusive)	Lump sum	Funding support for International Sustainable Development – ENB. These funds support ongoing detailed timely reporting on negotiations and assist developing countries to engage in UNFCCC processes.
	China – Joint Research Project		\$150,000	Milestones	Funding Stage II of a Collaborative Project between the University of Victoria and China’s Energy Research Institute looking at ‘Structural Economic Rebalancing and Energy Efficient Technological Innovation’. This project will develop policy roadmaps to support the timely uptake of electric and hybrid vehicles and energy efficient air conditioners in China over the period to 2030.
	UNFCCC		\$167,273 (GST exclusive)	Lump sum	Financial contribution to the UNFCCC Trust Fund for Participation. These funds will support developing country engagement in the UNFCCC (any residual funds in the program after final acquittal of all proposals).
	United Nations Development Program (UNDP)		\$200,000 (GST exclusive)	Lump sum	Financial contribution to the UNDP for funding support for the Alliance of Small Island States.

	China Climate Change Ministerial Dialogue		\$20,000*	Milestones	Funding support for Annual Ministerial level dialogue on climate change held in Australia in March 2011. Funding assisted in bilateral discussions and high level representation.
	Clinton Foundation – Technical workshops on forest carbon measuring, reporting and verification (MRV)		\$55,000 (GST exclusive)	Lump sum	Five day workshop for selected countries (East Asia and Africa) on forest carbon MRV. These workshops will share Australia's technical expertise and experience in establishing our national forest carbon MRV system.
	Intergovernmental Panel on Climate Change (IPCC)		\$120,000 (GST exclusive)	Lump sum	Annual voluntary contribution to the IPCC.
	IPCC – Australian Bureau of Agricultural and Resource Economics and Sciences (ABARES)	Dr Helal Ahammad	\$60,500	Milestones	Funding to cover costs for Dr Ahammad, ABARES, to participate in author meetings to develop the IPCC Fifth Assessment Report, Working Group III, Chapter 11, and submit to the Department author meeting and financial reports.
	IPCC – Antarctic Climate and Ecosystem Cooperative Research Centre (ACECRC)	Dr Ian Allison, Prof Nathan Bindoff	\$121,000	Milestones	Funding to cover costs for Dr Allison and Professor Bindoff, ACECRC, to participate in author meetings to develop the IPCC Fifth Assessment Report, Working Group I, Chapters 4 and 10 respectively, and submit to the Department author meeting and financial reports.

	IPCC – University of New South Wales Australian Defence Force Academy (UNSW ADFA)	Prof Roger McLean	\$60,500	Milestones	Funding to cover costs for Professor McLean, UNSW ADFA, to participate in author meetings to develop the IPCC Fifth Assessment Report Working Group II, Chapter 29, and submit to the Department author meeting and financial reports.
	IPCC – Australian National University (ANU)	Dr Frank Jotzo, Associate Prof David Stern	\$121,000	Milestones	Funding to cover costs for Dr Jotzo and Associate Professor Stern, Australian National University, to participate in author meetings to develop the IPCC Fifth Assessment Report Working Group III, Chapters 3 and 5 respectively, and submit to the Department author meeting and financial reports.
	IPCC – Curtin University	Prof Peter Newman	\$30,250	Milestones	Funding to cover costs for Professor Newman, Curtin University, to participate in author meetings to develop the IPCC Fifth Assessment Report Working Group III, Chapter 8, and submit to the Department author meeting and financial reports.
	IPCC – Griffith University	Prof Jean Palutikof, Prof Stuart Bunn, Prof Roger Kitching	\$62,370	Milestones	Funding to cover costs for Professor Palutikof, Professor Bunn and Professor Kitching, Griffith University, to participate in author meetings to develop the IPCC Fifth Assessment Report Working Group II, Chapters 1, 4 and 25 respectively, and submit to the Department author meeting and financial reports.
	IPCC – Macquarie University	Prof Lesley Hughes	\$32,120	Milestones	Funding to cover costs for Professor Hughes, Macquarie University, to participate in author meetings to develop the IPCC Fifth Assessment Report Working Group II, Chapter 25, and submit to the Department author meeting and financial reports.
	IPCC – Monash University	Prof Christian Jakob	\$30,250	Milestones	Funding to cover costs for Professor Jakob, Monash University, to participate in author meetings to develop the IPCC Fifth Assessment Report Working Group I, Chapter 9, and submit to the Department author meeting and financial reports.

	IPCC – Murdoch University	Prof Richard Harper	\$30,250	Milestones	Funding to cover costs for Professor Harper, Murdoch University, to participate in author meetings to develop the IPCC Fifth Assessment Report Working Group III, Chapter 11, and submit to the Department author meeting and financial reports.
	IPCC – University of Melbourne	Prof Jonathan Barnett, Prof David Karoly	\$30,250	Milestones	Funding to cover costs for Professor Barnett and Professor Karoly, University of Melbourne, to participate in author meetings to develop the IPCC Fifth Assessment Report Working Group II, Chapters 12 and 25 respectively, and submit to the Department author meeting and financial reports.
	IPCC – University of Queensland	Prof Ove Hoegh-Guldberg	\$48,950	Milestones	Funding to cover costs for Professor Hoegh-Guldberg, University of Queensland, to attend IPCC Ocean Acidification Group steering meetings, to participate in author meetings to develop the IPCC Fifth Assessment Report Working Group II, Chapter 30, and submit to the Department author meeting and financial reports.
	IPCC – Victoria University	Dr Roger Jones	\$30,250	Milestones	Funding to cover costs for Dr Jones, Victoria University, to participate in author meetings to develop the IPCC Fifth Assessment Report Working Group II, Chapter 2, and submit to the Department author meeting and financial reports.
	IPCC	Prof Kurt Lambeck	\$30,250	Milestones	Funding to cover costs for Professor Lambeck to participate in author meetings to develop the IPCC Fifth Assessment Report Working Group I, Chapter 5, and submit to the Department author meeting and financial reports.
	IPCC	Dr Sandra Schuster	\$32,120	Milestones	Funding to cover costs for Dr Schuster to participate in author meetings to develop the IPCC Fifth Assessment Report Working Group II, Chapter 25, and submit to the Department author meeting and financial reports.

	IPCC	Dr Noim Uddin	\$30,250	Milestones	Funding to cover costs for Dr Uddin to participate in author meetings to develop the IPCC Fifth Assessment Report Working Group III, Chapter 14, and submit to the Department author meeting and financial reports.
	IPCC – James Cook University	Prof Philip Munday	\$6,600	Milestones	Funding to cover costs for Professor Munday, James Cook University, to attend IPCC Joint Working Group I/Working Group II Expert Meeting on Impacts of Ocean Acidification on Marine Biology and Ecosystems and submit to the Department expert meeting and financial reports.
	IPCC – University of Queensland	Prof John Pandolfi	\$6,600	Milestones	Funding to cover costs for Professor Pandolfi, University of Queensland, to attend IPCC Joint Working Group I/Working Group II Expert Meeting on Impacts of Ocean Acidification on Marine Biology and Ecosystems and submit to the Department expert meeting and financial reports.
	IPCC – Australian Institute of Marine Science	Dr Daniel Alongi	\$4,400	Milestones	Funding to cover costs for Dr Alongi, Australian Institute of Marine Science, to attend IPCC workshop on impacts of climate change on wetlands and submit to the Department expert workshop and financial reports.
	IPCC – University of Queensland	Prof Catherine Lovelock	\$4,400	Milestones	Funding to cover costs for Professor Lovelock, University of Queensland, to attend IPCC workshop on impacts of climate change on wetlands and submit to the Department expert workshop and financial reports.
	IPCC – ACECRC	Prof Nathan Bindoff	\$7,334	Milestones	Funding to cover costs for Professor Bindoff to attend IPCC Fifth Assessment Report Scoping Meeting and submit to the Department meeting and financial reports.
	IPCC	Dr Ian Noble	\$27,500 (GST not applicable)	Milestones	Funding to cover costs for Dr Noble to participate in author meetings to develop the IPCC Fifth Assessment Report Working Group II, Chapter 14, and submit to the Department author meeting and financial reports.
	IPCC – University of Queensland	Mr John Quiggin	\$4,400	Milestones	Funding for Mr Quiggin, University of Queensland, to participation in the IPCC Fifth Assessment Report Expert Meeting on Economics and Ethics and submit to the Department expert meeting and financial reports.

	IPCC – University of New England	Professor Patrick Nunn	\$6,600	Milestones	Funding to cover costs for Professor Nunn, University of New England, to participate in an author meeting to develop the IPCC Fifth Assessment Report, Working Group I, Chapter 13, and submit to the Department an author meeting and financial report.
<i>Australian Climate Change Science Program</i>	UNSW		\$110,000	Milestones	Initial payment to support the Centre of Excellence for Climate System Science.
	ANU		\$33,000	Milestones	Initial payment for science advice to the Department by Professor Will Steffen.
	ANU		\$11,000	Milestones	Final payment for science advice to the Department by Professor Steffen.
	CSIRO		\$2,200,000	Milestones	Progress payment 1 to CSIRO for fundamental climate change science research.
	CSIRO		\$2,200,000	Milestones	Progress payment 2 to CSIRO for fundamental climate change science research.
	CSIRO		\$1,837,000	Milestone	Final payment to CSIRO for fundamental climate change science following Annual Review Meeting.
	Bureau of Meteorology (BoM)		\$440,000	Milestones	Progress payment 1 to BoM for fundamental climate change science research.
	BoM		\$440,000	Milestones	Progress payment 2 to BoM for fundamental climate change science research.
	BoM		\$522,500	Milestone	Final payment to BoM for fundamental climate change science research following Annual Review Meeting.
	Australian Academy of Science		\$227,150	Lump sum	Lump sum payment for Australia's membership in international science programs.
	University of Melbourne		\$123,035	Milestones	Initial payment for Palaeoclimate research.
	UNSW		\$55,000	Milestones	Final payment for extremes research for an Australian Research Council (ARC) Linkage Project grant with UNSW.
	ANU		\$185,900	Milestones	Progress Payment to ANU for utilisation of climate data from the Gravity Recovery and Climate Experiment space mission and related research.

	ACECRC		\$165,000	Lump sum	Lump sum payment for Ocean Acidification research by ACECRC.
<i>Australian Centre for Climate Change Adaptation Program</i>	Australian Institute of Landscape Architects (Skills for Professionals Project)		\$33,000	Milestones	Final payment to develop the National Landscape Principles and to use these to implement professional development programs for landscape architects to develop adaptive responses to climate change impacts.
	University of the Sunshine Coast (Skills for Professionals Project)		\$33,000	Milestones	Final payment to integrate understanding of the implications of climate change into educational and training for professionals such as engineers, architects and planners.
	University of Southern Queensland (Skills for Professionals Project)		\$33,000	Milestone	Final payment to revise current course material and implement courses that develop professional understanding and planning skills to adapt to adverse impacts and respond to opportunities from climate change and variability.
	Australian Institute of Architects (Skills for Professionals Project)		\$31,297	Milestone	Final payment to develop new material and amend existing material available to the industry relating to climate change adaptation and promote professional development activities in climate change adaptation.
	University of Adelaide/Australian Maritime College (Skills for Professionals Project)		\$30,138.90	Milestone	Final payment to develop a climate adaptation training course for National Resource Management, Maritime professionals and local planners.
	South-East Australian Climate Initiative		\$146,667	Milestones	Progress payment – annual report of progress of climate change science research under the South-East Australian Climate Initiative.
	South East Queensland Climate Adaptation Research Initiative		\$283,333	Milestones	Progress payment – receipt of two reports ((1) Agriculture, Forestry and Fisheries vulnerability assessment under different climate scenarios, (2) Analysis of climate change impact factors on electricity and gas demand and supply) as part of the South East Queensland Climate Adaptation Research Initiative.

	Monash University ARC linkage program assessing clouds and rainfall in Australia's Community Climate and Earth System Simulator (ACCESS)		\$189,097	Milestones	Final payment, through a co-funded ARC linkage grant, to enhance the ability of ACCESS to predict cloud formation and precipitation.
	Griffith University		\$143,000	Lump sum	Griffith University to host IPCC Special Report on managing the risks of extreme events and disasters to advance climate change adaptation Fourth Lead Author Meeting on behalf of the Australian Government.
	Geoscience Australia		\$22,000	Milestone	Final payment to deliver the Geographic Information system line map (Smartline) of landform type for the whole of the Australian coastline and development of a polygon map of landform type for the whole of the Australian coastline.
	Geoscience Australia		\$55,000	Milestone	Final payment in fill mapping – field work to provide geomorphology data for the Wollongong area.
	Geoscience Australia		\$154,000	Milestone	Progress payment for work for housing, management, discovery and distribution of the national Geomorphical databases.
	Geoscience Australia		\$420,750	Milestone	Progress payment enhancement of the National Exposure Information System.
	CSIRO		\$1,338,700	Milestone	Systematic research to meet identified information needs on future climate and its extremes required for adaptation decision making across the economy.
	BoM		\$673,200	Milestone	Systematic research to meet identified information needs on future climate and its extremes required for adaptation decision making across the economy.
	University of Tasmania		\$154,000	Milestone	Final payment to develop a methodology for erosion risk analysis integrating geomorphic and wave climate data sets.

	CRC for Spatial Information Systems Ltd		\$2,745,000	Milestone	Progress payment Urban Digital Elevation Modelling in high priority regions to acquire and process high resolution elevation data and develop products and tools.
	CSIRO		\$99,000	Milestone	Progress payment for investigating the tradeoffs and policy mechanisms in managing land use as an adaptation response.
	CSIRO		\$108,000	Milestone	Final payment investigating the costs and benefits of adaptation to coastal inundation.
	CSIRO		\$176,000	Milestone	Progress payment for investigating development patterns and demographic change in coastal Australia.
	James Cook University		\$231,000	Milestone	Progress payment for study of erosion and inundation impacts on Torres Strait communities.
	Australian Local Government Association		\$50,000	Milestone	Progress payment report on climate change and legal liability issues for local governments.
	Green Cross Australia		\$82,500	Milestone	Progress payment develop web module for community photographic survey of the King Tide in Queensland.
	ACECRC		\$220,000	Milestone	Progress payment for development of web based tools to assess sea level rise impacts including research and analytical support.
	Local Government Association of Tasmania		\$220,000	Milestone	Progress payment development of flexible coastal adaptation pathways for local communities.
	Municipal Association of Victoria		\$220,000	Milestone	Progress payment development of a preferred coastal adaptation pathway for Port Phillip Bay.
	Western Coastal Board (Victoria)		\$63,800	Milestone	Progress payment development of a value and equity framework for climate adaptation: Caravan and camping parks case study.
	Water Services Association of Australia		\$247,500	Milestone	Progress payment development of a climate change adaptation tool for the water industry.
	Local Government Association of Queensland		\$151,800	Milestone	Progress payment development of a Queensland coastal hazard adaptation strategy pilot study – Townsville.

	Sydney Water and Sydney Coastal Councils Group		\$120,000	Milestone	Progress payment demonstrating climate change adaptation of interconnected water infrastructure project.
	Sydney Coastal Councils Group		\$176,000	Milestone	Progress payment development of coastal adaptation and development options for local government for Northern Sydney councils.
	Hunter Councils / Hunter and Central Coast Regional Environmental Management Strategy		\$232,000	Milestone	Progress payment development of a decision support framework for adaptation action for local governments in the Hunter region.
	Local Government Association of South Australia		\$132,000	Milestone	Progress payment towards climate change decision support framework and financial software for South Australian coastal councils.
	South East Councils Climate Change Alliance		\$110,000	Milestone	Progress payment implementing effective adaptation actions for the Westernport Bay area, Victoria.
	Griffith University		\$2,750,000	Milestones	Milestone 9 payment for completion of all tasks specified in the National Climate Change Adaptation Research Facility (NCCARF) Annual Operating Plan that are required to be completed by June 2010.
	Griffith University		\$2,750,000	Milestones	Milestone 10 payment for completion of all tasks specified in the NCCARF Annual Operating Plan that are required to be completed by December 2010.
	Griffith University		\$2,750,000	Milestones	NCCARF Subprogram B Milestone 1 initial payment to set up the adaptation research grants, including acquisition of dedicated contract management and information system and novation of existing grant contracts.
	Griffith University		\$4,587,000	Milestones	NCCARF Subprogram B Milestone 2 payment for completion of all tasks related to Subprogram B specified in the Annual Operating Plan required to be completed by June 2011 (other than milestone KA2-7).

	University of New England	Prof David Brunckhorst	\$97,812	Milestones	Initial payment for the research project 'Past, present and future landscapes: understanding alternative futures for climate change adaptation of coastal settlements and communities'.
	Local Government Association of South Australia	Prof Jacqueline Balston	\$70,400	Milestones	Initial payment for the research project 'Development of tools that allow local governments to translate climate change impacts on assets into strategic and operational financial and asset management plans'.
	Local Government Association of South Australia	Prof Jacqueline Balston	\$123,200	Milestone	Milestone 1 payment for the research project 'Development of tools that allow local governments to translate climate change impacts on assets into strategic and operational financial and asset management plans'.
	CSIRO	Dr Guy Barnett	\$137,500	Milestones	Initial payment for the research project 'Pathways to climate adapted and healthy low income housing'.
	University of Wollongong	Prof Colin Woodroffe	\$95,666	Milestones	Initial payment for the research project 'A model framework for assessing risk and adaptation to climate change on Australian coasts'.
	RMIT University	Prof Darryn McEvoy	\$127,160	Milestones	Initial Payment for the research project 'Enhancing the resilience of seaports to a changing climate'.
	James Cook University	Dr Helen Boon	\$15,536	Milestones	Milestones 1 and 2 and Progress Report Payment for the research project 'Recovery from disaster experience: its effect on perceptions of climate change risk and on adaptive behaviours to prevent, prepare and respond to future climate contingencies'.
	James Cook University	Dr David King	\$32,459	Milestones	Milestone 1 and Progress Report Payment for the research project 'Adaptation of built environment to climate change induced increased intensity of natural hazards'.
	Griffith University	Prof Joseph Reser	\$31,890	Milestones	Milestones 1, 2 and 3 and a Progress Report Payment for the research project 'Public understandings, risk perceptions, and responses to climate change and associated natural disasters'.

	Griffith University	Prof Joseph Reser	\$44,000	Milestones	Milestones 4, 5 and 6 and a Progress Report Payment for the research project 'Public understandings, risk perceptions, and responses to climate change and associated natural disasters'.
	RMIT University	Prof Lin Padgham	\$35,435	Milestones	Milestone 1 and Progress Report Payment for the research project 'Agent based simulation framework for improved understanding and enhancement of community and organisational resilience to extreme events'.
	Monash University	Dr Margaret Loughan	\$60,000	Milestones	Milestones 1 and 2 and Progress Report Payment for the research project 'A spatial vulnerability analysis of urban populations to extreme heat events in Australian capital cities'.
	ANU	Dr Leo Dobes	\$22,000	Milestones	Milestone 1 and Progress Report Payment for the research project 'Harnessing private sector logistics for emergency food and water supplies'.
	ANU	Dr Neil Byron	\$350,000	Milestones	Research project: Development of a robust analytical framework and using this framework to estimate the economic benefits of intentional climate change adaptation.
<i>International Climate Change Adaptation Initiative</i>	BoM		\$663,300	Milestones	Improving seasonal climate prediction capacity in the national meteorological and hydrological services of up to 10 Pacific Island countries – <i>2nd milestone payment.</i>
	BoM		\$663,300	Milestones	Improving seasonal climate prediction capacity in the national meteorological and hydrological services of up to 10 Pacific Island countries – <i>final payment.</i>
	CSIRO		\$88,000	Milestones	Research results into the ocean wave modelling for Pacific Ocean – <i>2nd milestone payment.</i>
	CSIRO		\$88,000	Milestones	Research results into the ocean wave modelling for Pacific Ocean – <i>final payment.</i>
	Cook Islands Public Service Commission		\$25,500	Lump sum	Climate change functional review and institutional structure development.

	Secretariat of the Pacific Regional Environment Program (SPREP)		\$200,000	Lump sum	Support for an initiative to strengthen national capacity to embed climate change adaptation into national development planning and programming.
	University of Queensland		\$125,000	Milestones	Research into building social and ecological resilience to climate change in Roviana, Solomon Islands – <i>signing of agreement.</i>
	University of Queensland		\$125,000	Milestones	Research into building social and ecological resilience to climate change in Roviana, Solomon Islands – <i>initial payment.</i>
	University of Queensland		\$110,000	Milestones	Research into building social and ecological resilience to climate change in Roviana, Solomon Islands – <i>second progress payment</i>
	University of Queensland		\$71,409.80	Milestones	Research into building social and ecological resilience to climate change in Roviana, Solomon Islands – <i>final payment</i>
	Secretariat of the Pacific Community		\$412,748	Lump sum	Research into food security analysis in the context of a changing climate in the Federated States of Micronesia.
	University of California Santa Barbara		\$200,000	Milestones	Research into building social and ecological resilience to climate change in Roviana, Solomon Islands – <i>initial payment execution of agreement.</i>
	University of California Santa Barbara		\$100,000	Milestones	Research into building social and ecological resilience to climate change in Roviana, Solomon Islands – <i>2nd progress payment</i>
	Secretariat of the Pacific Community (SPC)		\$50,000	Milestones	Contribution towards the analysis of adaptive capacity in relation to several SPC agro-biodiversity/food security projects Noumea, New Caledonia – <i>initial payment execution of agreement.</i>
	Government of Kiribati		\$250,000	Lump sum	National Consultation on the Kiribati National Climate Change Framework.
	Cook Islands Government		\$600,000	Lump sum	To conduct climate change adaptation activities in the Cook Islands
	Secretariat of the Pacific		\$562,000	Lump sum	To assess the impact of sea level rise on Lifuka Island,

	Community				Tonga
	SPREP		\$460,300	Lump sum	Conducting an international conference – ‘Lessons for future action: climate change adaptation and disaster risk reduction in small island developing states’.

* Actual amounts are yet to be advised as reconciliations are still being finalised. This amount is what was budgeted for and represents an upper limit.

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Answers to questions on notice

Climate Change and Energy Efficiency portfolio

Outcome:	1	Question No:	60
Program:	1.3		
Division/Agency:	ASCD		
Topic:	Pontifical Academy of Sciences Report		
Hansard Page EC:	EC 11		

Senator Cameron asked:

CHAIR: Are you aware of a report by the working group commissioned by the Pontifical Academy of Sciences?

Mr Comley: I am personally not aware of that.

CHAIR: If you are not aware of it, I would like you to take some questions on notice. What the Pontifical Academy of Sciences report said is that individuals and nations have a duty to act now. It says that there are three issues, and I would like you to take these on board to see if they are consistent with where we are going. The report says that we must 'reduce worldwide carbon dioxide emissions without delay, using all means possible to meet ambitious international global warming targets and ensure the long-term stability of the climate system'. The second major recommendation is that we 'reduce the concentrations of warming air pollutants (dark soot, methane, lower atmosphere ozone, and hydro fluorocarbons) by as much as 50 per cent'. The third is to 'prepare to adapt to the climatic changes, both chronic and abrupt, that society will be unable to mitigate'. I found it quite interesting, given the debate we had with the Bureau of Meteorology and the views in Australia. So I would be quite interested to get your view of that on notice.

Answer:

The Department has reviewed the report *Fate of Mountain Glaciers in the Anthropocene: A Report by the Working Group Commissioned by the Pontifical Academy of Sciences*. The main recommendations of the report are broadly consistent with the Australian Government's climate change policies, which are built on three pillars:

- reducing greenhouse gas emissions;
- adapting to climate change impacts; and
- helping to shape a global solution.

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Answers to questions on notice

Climate Change and Energy Efficiency portfolio

Outcome:	1	Question No:	61
Program:	1.3		
Division/Agency:	ASCD		
Topic:	Brisbane floods		
Hansard Page EC:	EC 42		

Senator Cameron asked:

CHAIR: What was the level of rise in the Brisbane floods, do you know? I am just trying to get an idea of what effect this would have.

Dr Banerjee: I can take that on notice. I am not sure of the exact figure.

Answer:

The height of the Brisbane River measured from the City Gauge remained above the minor flood level (1.7 metres) from 11 to 14 January 2011. The river height rose above the major flood level (3.5 metres) from 12 to 13 January 2011, peaking at 4.46 metres.

Although the river height temporarily decreased to below a minor flood level on 14 January 2011 it again exceeded the minor flood level on the high tide on 15 January 2011.

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Answers to questions on notice

Climate Change and Energy Efficiency portfolio

Outcome:	1	Question No:	62
Program:	1.3		
Division/Agency:	ASCD		
Topic:	Climate Commission		
Hansard Page EC:	EC 70		

Senator Cameron asked:

CHAIR: Just on that point, Mr Comley, can you take on notice and advise us about any grants that were received from the Howard government if that is available?

Mr Comley: I will take on notice both questions.

Answer:

Between the financial years 1999-00 and 2003-04, the Australian Government committed between \$3.5 million and \$3.9 million per annum to the Australian Climate Change Science Program. From 2004-05, the Government committed \$7.8 million annually to the Australian Climate Change Science Program. The Australian Greenhouse Office (AGO) generally provided research grants under this funding to scientific institutions such as the CSIRO, the Bureau of Meteorology and key Australian universities to deliver an integrated program of work.

In addition, on a limited number of occasions, the Government provided a small quantum of funds to specific researchers within an Australian university, usually as a contribution to an Australian Research Council (ARC) Linkage Grant Project. For example, the AGO funded the University of New South Wales under the ARC Linkage Program which performed research on a dynamic vegetation model to explore the stability of Australian terrestrial carbon stocks. Professor Andy Pitman, a member of the Climate Commission's Science Advisory Panel, was the lead investigator for this project.

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Answers to questions on notice

Climate Change and Energy Efficiency portfolio

Outcome:	1	Question No:	63
Program:	1.3		
Division/Agency:	ASCD		
Topic:	Great Barrier Reef bleaching		
Hansard Page EC:	EC 72		

Senator Cameron asked:

CHAIR: Mr Comley, can you take notice to give us some advice in relation to the nine bleaching events and the implications for the Great Barrier Reef? You do not have to do it now; I am happy for you to take it on notice.

Mr Comley: Okay, I will take that on notice.

Answer:

Corals are very sensitive to changes in water temperature. Sustained increases of only 1 to 2 degrees Celsius for as little as four weeks can cause a stress response known as coral bleaching. If warm temperatures persist for more than eight weeks, affected corals can die.

While there are no reliable records of mass bleaching events prior to 1980, significant levels of bleaching were recorded in some areas of the Great Barrier Reef in 1980, 1982, 1983, 1987, 1992, 1994, 1998, 2002 and 2006.

The events in 1998 and 2002 were the most severe on record, with surveys recording over 50 per cent of reefs within the Great Barrier Reef Marine Park affected. Coral mortality in both events was 5 to 10 per cent.

Scenario modelling by CSIRO suggests an increase in the annual sea surface temperature of the Great Barrier Reef of 1.2 degrees Celsius to 3.9 degrees Celsius by 2080. A temperature rise of 2 degrees Celsius is expected to cause serious damage to the Great Barrier Reef, with a shift from hard coral dominated reefs to seaweed dominated reefs.

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Climate Change and Energy Efficiency portfolio

Outcome:	1	Question No:	64
Program:	1.3		
Division/Agency:	ASCD		
Topic:	Climate Commission		
Hansard Page EC:	EC 71		

Senator Fisher asked:

Senator FISHER: Is there anything in the outsourcing contract, which I understand is between the department and the events manager, talking about the choice of host?

Ms Sidhu: I do not think there is any specification on the choice of host. I can take that on notice to be absolutely sure.

Senator FISHER: Thank you. Is there anything in the contract that talks about consultation with the department prior to proceeding with an event?

Ms Sidhu: I would have to take that on notice again.

Answer:

There are no specifications in the contract between the Climate Commission secretariat on behalf of the Climate Commission and its event management company regarding the choice of host. As per normal practice in managing events, the secretariat and the events management company consult regularly on logistical arrangements in the lead up to each forum.

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Climate Change and Energy Efficiency portfolio

Outcome:	1	Question No:	65
Program:	1.3		
Division/Agency:	ASCD		
Topic:	Climate Commission		
Hansard Page EC:	EC 11		

Senator Macdonald asked:

Senator MACDONALD: On notice, can you tell me what Professor Flannery is being paid as a percentage of what the minister for climate change is being paid.

Answer:

Professor Tim Flannery will commit an average of three days a week to his role as Chief Climate Commissioner. This equates to a pro rata salary of \$180,000.

Under the Constitution, the salaries of Ministers are a matter for decision by Executive Government. The salary of the Minister for Climate Change and Energy Efficiency is therefore not available for comparison against Professor Flannery's salary.

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Climate Change and Energy Efficiency portfolio

Outcome:	1	Question No:	66
Program:	1.3		
Division/Agency:	ASCD		
Topic:	Climate science		
Hansard Page EC:	EC 37		

Senator Macdonald asked:

Senator MACDONALD: Mr Chairman, Senator Boswell has agreed to let me have a couple of questions and then I will get out of your hair. I have just a couple of quick ones first. On notice could you tell me: I read somewhere that, if Australia stopped emitting carbon dioxide completely, under the current modelling the climate would be cooler by 0.15 degrees. Can you confirm whether that is correct or not? Do you understand the question?

Mr Comley: I do understand the question. We will take that on notice.

Answer:

The Department is not aware of any peer-reviewed modelling which supports this claim. It is insufficient to look at emissions reductions of individual countries in isolation, as nations are not acting alone in reducing their greenhouse gas emissions. Climate change is a global problem that can only be tackled by global action involving all countries.

Under the Cancún Agreements, negotiated at the United Nations Framework Convention on Climate Change Conference held in Cancún, Mexico in November and December 2010, developed and developing countries have agreed to report their actions to reduce carbon pollution and to do so transparently through improved reporting processes.

The Cancún Agreements set a global goal to hold the increase in global average temperature below 2 degrees Celsius and anchor the mitigation pledges of developed and developing countries made under the Copenhagen Accord.

Without international action to reduce emissions, global average temperature is projected to increase by up to 6.4 degrees Celsius by the end of the century.

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Answers to questions on notice

Climate Change and Energy Efficiency portfolio

Outcome:	1	Question No:	67
Program:	1.3		
Division/Agency:	ASCD		
Topic:	Trinidad & Tobago Conference		
Hansard Page EC:	EC 56		

Senator Macdonald asked:

Senator IAN MACDONALD: I understand that as we speak a conference is being hosted by this department in Trinidad and Tobago on climate change adaptation where ‘experts will share experiences and lessons learned in climate change’. The report I am reading from is from Go-Jamaica, which I understand is a Jamaican radio station; that is my authority. It finishes with this paragraph:

The Conference is being co-hosted by Australia and the South Pacific Regional Environment Program, and is being funded by the Australian Government, through the Department of Climate Change and Energy Efficiency and the Australian Agency for International Development.

I just want to know who from Australia is attending, at what cost of their attendance, what the cost is to the department and to AusAID or any other government agency of putting on this conference, and what the carbon footprint might be of attendance at this conference in Trinidad and Tobago.

CHAIR: Thank you, Senator Macdonald. That has been taken on notice.

Answer:

The Department and AusAID, in partnership with the Secretariat of the Pacific Regional Environment Program (SPREP), hosted the ‘Lessons for Future Action: Lessons learned from climate change adaptation and disaster risk reduction in small island developing states’ conference in Apia, Samoa, from 23 to 26 May 2011. The conference brought together experts and practitioners in climate change adaptation and disaster risk reduction from 27 countries in the Pacific, Indian Ocean and Caribbean regions to share lessons learned, good practice and future priorities for Small Island Developing States.

A total of twelve Australian Government officials attended the conference. Of these, three officials were from the Department. The total estimated cost for the Department officials’ attendance is \$14,049.70 (including airfares, accommodation and allowances). The Department provided \$460,300 to SPREP to manage arrangements for the conference, including international flights, accommodation, meals and venue hire. One contractor was engaged by the Department to provide expert services to support the conference at a cost of \$8,800.

The Department cannot advise on the carbon footprint of attendance at the conference. There is a provision in the *Whole-of-Australian-Government travel arrangements domestic and international air services* deeds, managed by the Department of Finance and Deregulation, for airlines to monitor, track and report on the impact of the Commonwealth's travel on the environment, in terms of its emissions.

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Climate Change and Energy Efficiency portfolio

Outcome:	1	Question No:	68
Program:	1.3		
Division/Agency:	ASCD		
Topic:	Climate Commission		
Hansard Page EC:	EC 67		

Senator Macdonald asked:

Senator IAN MACDONALD: Can you on notice give me the cost of the forums that have been run to date, including the amounts paid to the presenters, travel costs for commission members who attend and the cost of the hall and a cup of tea afterwards or whatever they have? If possible, on notice can you give us an indication of their forward program—where these commission meetings are going to go?

Ms Sidhu: Yes.

Answer:

The total budget for the Climate Commission for 2010-11 is \$781,000 of which \$541,000 is allocated to cover operational expenses. These expenses include the costs of running community forums. To date, the cost of running forums in Geelong, Ipswich, Port Macquarie, Mackay, Canberra and Playford has been \$292,000. This includes costs for event management services (including venue and equipment hire, technical staff, filming and onsite editing, security and host fees), forum catering, travel costs for Commissioners and GST.

As part of its forward program, the Commission plans to hold further community forums throughout 2011 and 2012 in regional and metropolitan centres across Australia. When dates and venues are confirmed, upcoming events are listed on the Commission's website.

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Answers to questions on notice

Climate Change and Energy Efficiency portfolio

Outcome:	1	Question No:	69
Program:	1.3		
Division/Agency:	ASCD		
Topic:	Climate Commission		
Hansard Page EC:	EC 70		

Senator Macdonald asked:

Senator IAN MACDONALD: Of those you mention, could you list for us—on notice, of course—the extent of grants that each one has received over—let us be reasonable—say the last three years for research grants into climate change. That includes both the board and the advisory panel. I venture to suggest that all of them—I do not know this, but I would guess—would have been the recipients of a huge number of grants from governments for research into climate change. Perhaps you could take that on notice.

Answer:

The Australian Climate Change Science Program has an annual budget of \$7.8 million. The Department generally funds research grants as a block to scientific institutions such as the CSIRO, the Bureau of Meteorology and key Australian universities to deliver an integrated program of work.

On the basis of strategic need there were a limited number of occasions that the Australian Government has provided a small quantum of funds to specific researchers within an Australian university, usually as a contribution to an Australian Research Council (ARC) Linkage Grant Project.

Organisation	Research Grant	2008-09 (GST excl)	2009-10 (GST excl)	2010-11 (GST excl)
CSIRO	Fundamental climate change science research	\$5,363,700	\$5,033,000	\$5,670,000
Bureau of Meteorology	Fundamental climate change science research	\$1,983,000	\$2,078,000	\$1,275,000
ARC Linkage Project – University of NSW (UNSW)	Climate extremes research as part of an ARC Linkage Project with the UNSW (Dr Lisa Alexander)	-	\$100,000	\$50,000
Centre of Excellence in Climate System Science – UNSW	Funding for extremes research within the Centre of Excellence for Climate Systems Science	-	-	\$100,000