# **Senate Standing Committee on Economics**

# ANSWERS TO QUESTIONS ON NOTICE

Innovation, Industry, Science and Research Portfolio Budget Estimates Hearing 2011-12

30 May 2011

AGENCY/DEPARTMENT: INNOVATION, INDUSTRY, SCIENCE AND RESEARCH

**TOPIC: PMSEIC** 

**REFERENCE:** Written Question – Senator Colbeck

**QUESTION No.:** BI-132

**Senator COLBECK:** Is a list of attendees documented for each of the PMSEIC meetings? If so, could these lists be provided for each of the meetings of 23 April 2008, 9 October 2008, 5 June 2009, 18 March 2010 and 4 February 2011? Alternatively, could you please provide a full breakdown of which Departmental secretaries have attended each of these meetings respectively?

### **ANSWER**

Yes, full lists of attendees are documented for each of the PMSEIC meetings.

### 18TH MEETING, 23 APRIL 2008

#### **ATTENDANCE**

**Ministerial Members** 

The Hon Kevin Rudd MP Prime Minister (Chair)

Senator the Hon Kim Carr Minister for Innovation, Industry, Science and Research

The Hon Nicola Roxon MP Minister for Health and Ageing

The Hon Tony Burke MP Minister for Agriculture, Fisheries and Forestry

### Guest Minister/Parliamentary Secretary

The Hon Dr Craig Emerson MP Minister for Small Business, Independent Contractors and the

Service Economy

Senator the Hon Ursula Stephens Parliamentary Secretary for Social Inclusion and the Voluntary

Sector and Parliamentary Secretary Assisting the Prime

Minister for Social Inclusion

Ex-officio Members

Dr Jim Peacock AC

Chief Scientist for Australia (Executive Officer)

Dr Ming-Bo Wang

Dr Geoff Garrett

Chief Scientist for Australia (Executive Officer)

2007 Prime Minister's Prize for Science (joint) winner

Chief Executive, Commonwealth Scientific and Industrial

Research Organisation

Dr Roger Lough Chief Defence Scientist, Defence Science and Technology

Organisation

Mr David Miles AM Chair, Innovation Australia Board

Mr Hutch Ranck Representing the President of the Business Council of Australia

Mr Peter Cockbain Past President, representing the President of Engineers

Australia

Professor Ken Baldwin President, Federation of Australian Scientific and

**Technological Societies** 

Professor Kurt Lambeck President, Australian Academy of Science

Professor Michael Good AO Chair of Council, National Health & Medical Research Council

Professor Peter Waterhouse 2007 Prime Minister's Prize for Science (joint) winner

Professor Richard Larkins AO Chair, Universities Australia

Professor Robin Batterham AO President, Australian Academy of Technological Sciences and

Engineering

### Members appointed in a personal capacity

Professor Fiona Stanley AC
Dr Deborah Rathjen
Dr Leanna Read
Director, Telethon Institute for Child Health Research
CEO and Managing Director, Bionomics Limited
Managing Director, TGR Biosciences Pty Ltd

Professor Warwick McKibbin Director, Centre for Applied Macroeconomic Analysis,

Australian National University

### Secretaries (or representative)

Dr Conall O'Connell Secretary, Department of Agriculture, Fisheries and Forestry
Dr James Horne Deputy Secretary, representing the Secretary, Department of

Environment, Water, Heritage and the Arts

Mr Abul Rizvi PSM Deputy Secretary, representing the Secretary, Department of

Broadband, Communications and the Digital Economy

Mr Drew Clarke Acting Deputy Secretary representing the Secretary,

Department of Resources, Energy and Tourism

Mr Howard Bamsey Acting Secretary, Department of Climate Change and Water Mr Jim Davidson Deputy Secretary, representing the Secretary, Department of

Education, Employment and Workplace Relations

Mr Mark Paterson AO Secretary, Department of Innovation, Industry, Science and

Research

Ms Jane Halton Secretary, Department of Health and Ageing

Ms Jenny Goddard Deputy Secretary, representing the Secretary, Prime Minister

and Cabinet

### **Invited Guests/Observers**

Laureate Professor Peter Doherty Department of Microbiology and Immunology, University of

AC Melbourne

Dr Terry Cutler Chair, Review of the National Innovation System

#### **APOLOGIES**

Ministerial members

The Hon Julia Gillard MP

Deputy Prime Minister and Minister for Education,

Employment and Workplace Relations (Deputy Chair)

Senator the Hon Penny Wong Minister for Climate Change and Water

Senator the Hon Stephen Conroy Minister for Broadband, Communications and the Digital

Economy

The Hon Anthony Albanese MP Minister for Infrastructure, Transport, Regional Development

and Local Government

The Hon Martin Ferguson AM MP Minister for Resources and Energy

The Hon Peter Garrett AM MP Minister for Environment, Heritage and the Arts

The Hon Simon Crean MP Minister for Trade

The Hon Wayne Swan MP Treasurer

Ex-officio Members

Dr Brian Hewitt Representing the President of the Australian Chamber of

Commerce and Industry

Professor Margaret Sheil Chief Executive Officer, Australian Research Council

Secretaries

Dr Ken Henry AC Secretary, The Treasury

Dr Peter Boxall AO Secretary, Department of Resources, Energy and Tourism Mr David Borthwick Secretary, Department of the Environment, Water, Heritage

and the Arts

Mr Michael L'Estrange AO Secretary, Department of Foreign Affairs and Trade

Mr Michael Taylor AO Secretary, Department of Infrastructure, Transport, Regional

Development and Local Government

Mr Terry Moran AO Secretary, Prime Minister and Cabinet

Ms Lisa Paul Secretary, Department of Education, Employment and

Workplace Relations

Ms Patricia Scott Secretary, Department of Broadband, Communications and the

Digital Economy

### 19TH MEETING, 9 OCTOBER 2008

### **ATTENDANCE**

### Ministerial members

The Hon Kevin Rudd MP Prime Minister (Chair)

Senator the Hon Kim Carr Minister for Innovation, Industry, Science and Research

The Hon Nicola Roxon MP Minister for Health and Ageing

The Hon Peter Garrett AM MP Minister for Environment, Water, Heritage and the Arts

Senator the Hon Penny Wong Minister for Climate Change

The Hon Martin Ferguson AM MP Minister for Resources, Energy and Tourism

Ex-officio Members

Professor Kurt Lambeck President, Australian Academy of Science

Mr Peter Laver Representing the President of the Australian Academy of

Technological Sciences and Engineering

Professor Margaret Sheil Chief Executive Officer, Australian Research Council Professor Ken Baldwin President, Federation of Australian Scientific and

**Technological Societies** 

Dr Geoff Garrett AO Chief Executive, Commonwealth Scientific and Industrial

Research Organisation

Professor Michael Good AO Chair of Council, National Health & Medical Research Council

Mr Hutch Ranck Representing the President of the Business Council of Australia

Mr Peter Cockbain Past President, representing the President of Engineers

Australia

Mr David Miles AM Chair, Innovation Australia Board

Professor Peter Waterhouse 2007 Prime Minister's Prize for Science (joint) winner

Dr Brian Hewitt Representing the President of the Australian Chamber of

Commerce and Industry

Mr Graham Bradley President of the Business Council of Australia

Professor Richard Larkins AO Chair, Universities Australia

Dr Ian Sare Acting Chief Defence Scientist, Defence Science and

**Technology Organisation** 

Members appointed in a personal capacity

Professor Fiona Stanley AC Director, Telethon Institute for Child Health Research

Dr Deborah Rathjen CEO and Managing Director, Bionomics Limited

Professor Warwick McKibbin Director, Centre for Applied Macroeconomic Analysis,

Australian National University

Secretaries (or representative)

Dr Conall O'Connell Secretary, Department of Agriculture, Fisheries and Forestry

Dr Martin Parkinson Secretary, Department of Climate Change

Dr Peter Boxall AO

Secretary, Department of Resources, Energy and Tourism
Dr Rhondda Dickson

Representing the Secretary, Prime Minister and Cabinet
Representing the Secretary, Department of Broadband,

Communications and the Digital Economy

Mr Colin Walters Secretary, Department of Education, Employment and

Workplace Relations

Mr Mark Paterson AO Secretary, Department of Innovation, Industry, Science and

Research

Mr Steve French Representing the Secretary, The Treasury

Mr David Borthwick Secretary, Department of the Environment, Water, Heritage

and the Arts

Invited Guests/Observers:

Dr Penny Sackett Chief Scientist for Australia (designate)

Dr Terry Cutler Chair, Review of the National Innovation System

Ms Lesley Podesta Office for Aboriginal and Torres Strait Islander Health,

Department of Health and Ageing

Dr Geetha Isaac-Toua Acting Senior Medical Officer, Office for Aboriginal and

Torres Strait Islander Health, Department of Health and Ageing

#### **APOLOGIES**

Ministerial members

The Hon Julia Gillard MP

Deputy Prime Minister and Minister for Education,

Employment and Workplace Relations (Deputy Chair)

The Hon Wayne Swan MP Treasurer

The Hon Anthony Albanese MP Minister for Infrastructure, Transport, Regional Development

and Local Government

Senator the Hon Stephen Conroy Minister for Broadband, Communications and the Digital

Economy

The Hon Simon Crean MP Minister for Trade

The Hon Tony Burke MP Minister for Agriculture, Fisheries and Forestry

Ex-officio Members

Dr Ming-Bo Wang 2007 Prime Minister's Prize for Science (joint) winner

Professor Robin Batterham AO President, Australian Academy of Technological Sciences and

Engineering

**Personal Members** 

Professor Graeme Turner Director of the Centre for Critical and Cultural Studies, the

University of Queensland

Dr Leanna Read Managing Director, TGR Biosciences Pty Ltd

Secretaries

Dr Ken Henry AC Secretary, The Treasury

Mr Michael l'Estrange AO Secretary, Department of Foreign Affairs and Trade

Mr Michael Taylor AO Secretary, Department of Infrastructure, Transport, Regional

Development and Local Government

Mr Terry Moran AO Secretary, Prime Minister and Cabinet
Ms Jane Halton Secretary, Department of Health and Ageing

Ms Lisa Paul Secretary, Department of Education, Employment and

Workplace Relations

Ms Patricia Scott Secretary, Department of Broadband, Communications and the

**Digital Economy** 

### 20TH MEETING, 5 JUNE 2009

#### **ATTENDANCE**

Ministerial members

The Hon Kevin Rudd MP Prime Minister (Chair)

Senator the Hon Kim Carr Minister for Innovation, Industry, Science and Research

The Hon Nicola Roxon MP Minister for Health and Ageing

Senator the Hon Penny Wong Minister for Climate Change and Water The Hon Martin Ferguson AM MP Minister for Resources and Energy

The Hon Simon Crean MP Minister for Trade

Ex-officio Members (or representative)

Professor Penny Sackett Chief Scientist for Australia

Professor Ken Baldwin President, Federation of Australian Scientific and

**Technological Societies** 

Professor Robin Batterham AO President, Australian Academy of Technological Sciences and

Engineering

Dr Megan Clark Chief Executive, CSIRO

Professor Margaret Sheil Chief Executive Officer, Australian Research Council

Mr Hutch Ranck Representative of the President, Business Council of Australia

Mr Peter Cockbain Representative of the President, Engineers Australia

Mr David Miles AM Chair, Innovation Australia Board

Professor Robert Clark Chief Defence Scientist, Defence Science and Technology

Organisation

Mr David Gray AM Representative of the President, Australian Chamber of

Commerce and Industry

Members appointed in a personal capacity

Professor Fiona Stanley AC Director, Telethon Institute for Child Health Research

Professor Graeme Turner Director, Centre for Critical and Cultural Studies, University of

Queensland

Secretaries (or representative)

Dr Rhondda Dickson First Assistant Secretary, representing the Secretary, Prime

Minister and Cabinet

Mr Mark Paterson AO Secretary, Department of Innovation, Industry, Science and

Research

Dr Conall O'Connell Secretary, Department of Agriculture, Fisheries and Forestry Mr Abul Rizvi PSM Deputy Secretary, representing the Secretary, Department of

Broadband, Communications and the Digital Economy

Ms Jane Halton Secretary, Department of Health and Ageing

Ms Robyn Kruk Secretary, Department of the Environment, Water, Heritage

and the Arts

Mr Brendan Morling Head of Division, representing the Secretary, Department of

Resources, Energy and Tourism

Mr Ian Carruthers First Assistant Secretary, representing the Secretary,

Department of Climate Change

Mr Ric Wells Deputy Secretary, representing the Secretary, Department of

Foreign Affairs and Trade

Dr Michele Bruniges Deputy Secretary, representing the Secretary, Department of

Education, Employment and Workplace Relations

**Invited Guests/Observers** 

Professor Jim Bishop AO Chief Medical Officer, Department of Health and Ageing

Professor Amanda Lynch Head of Climate Program, Monash University

Professor Max Lu Pro-Vice-Chancellor (Research Linkages), University of

Queensland

Professor Ross Gibson Professor of Contemporary Arts, Sydney College of the Arts

Professor Sue Richardson Director, National Institute of Labour Studies, Flinders University

Dr Cathy Foley Acting Deputy Chief Research, CSIRO

Professor Brian Kay AM Deputy Director, Australian Centre for International and Tropical

Health and Nutrition, Queensland Institute of Medical Research

Professor Stephen Prowse Chief Executive Officer, Australian Biosecurity CRC for Emerging

Infectious Disease

Professor Adrian Sleigh National Centre for Epidemiology & Population Health Australian

National University

Professor John Horvath AO
Principal Medical Consultant, Department of Health and Aging
Professor Anne Kelso AO
Director, World Health Organisation Collaborating Centre for

Reference and Research on Influenza

Professor Warwick Anderson

AM

Chief Executive Officer, National Health and Medical Research

Council

Professor John Mackenzie AO Australian Biosecurity Cooperative Research Centre, Curtin

University of Technology

Dr Andy Carroll Chief Veterinary Officer, Department of Agriculture, Fisheries and

Forestry

### **APOLOGIES**

**Ministers** 

The Hon Julia Gillard MP

Deputy Prime Minister and Minister for Education, Employment

and Workplace Relations (Deputy Chair)

The Hon Wayne Swan MP Treasurer

The Hon Anthony Albanese MP Minister for Infrastructure, Transport, Regional Development and

Local Government

Senator the Hon Stephen Conroy M

Minister for Broadband, Communications and the Digital Economy

The Hon Peter Garrett AM MP Minister for Environment, Heritage and the Arts

**Ex-officio Members** 

Professor Michael Good AO

Chair, National Health and Medical Research Council
Professor Ian Frazer

Prime Minister's Prize for Science winner, 2008

Professor Peter Coaldrake Chair, Universities Australia

Professor Kurt Lambeck President, Australian Academy of Science

**Secretaries** 

Mr Terry Moran AO Secretary, Prime Minister and Cabinet

Ms Patricia Scott Secretary, Department of Broadband, Communications and the

Digital Economy

Mr Michael l'Estrange AO Secretary, Department of Foreign Affairs and Trade

Ms Lisa Paul PSM Secretary, Department of Education, Employment and Workplace

Relations

Mr Andrew Tongue Acting Secretary, Department of Infrastructure, Transport, Regional

Development and Local Government

Dr Ken Henry AC Secretary, The Treasury

Dr Martin Parkinson Secretary, Department of Climate Change

Mr John Pierce Secretary, Department of Resources, Energy and Tourism

Invited Guests/Observers

Professor Jonathan Carapetis
Professor Simon Chapman
Director, Menzies School of Health Research
Professor of Public Health, University of Sydney

### 21ST MEETING, 18 MARCH 2010

### **ATTENDANCE**

### Ministerial members

The Hon Kevin Rudd MP Prime Minister (Chair)

Senator the Hon Kim Carr Minister for Innovation, Industry, Science and Research

The Hon Martin Ferguson MP Minister for Resources, Energy and Tourism

The Hon Mark Butler MP Parliamentary Secretary for Health, representing the Minister for

Health and Ageing

### Ex-officio Members (or representative)

Professor Penny Sackett Chief Scientist for Australia

Professor Robin Batterham President, Australian Academy of Technological Sciences and

AO Engineering

Professor Robert Clark Chief Defence Scientist, Defence Science and Technology Organisation

Mr Peter Cockbain Past President, Engineers Australia

Dr Cathy Foley President, Federation of Australian Scientific and Technological

**Societies** 

Professor Michael Good

AO

Chair of Council, National Health & Medical Research Council

Mr David Gray AM

Past President, representing the President of the Australian Chamber of

Commerce and Industry

Professor Kurt Lambeck President, Australian Academy of Science

Mr David Miles AM Chair, Innovation Australia Board

Dr John O'Sullivan 2009 Prime Minister's Prize for Science winner

Mr Hutch Ranck Representing the President of the Business Council of Australia

Professor Margaret Sheil Chief Executive Officer, Australian Research Council

### Members appointed in a personal capacity

Professor Fiona Stanley

Director, Telethon Institute for Child Health Research

AC

Secretaries (or representative)

Mr Mark Paterson AO Secretary, Department of Innovation, Industry, Science and Research

Ms Lisa Paul PSM Secretary, Department of Education, Employment and Workplace

Relations

Mr Mike Mrdak Secretary, Department of Infrastructure, Transport, Regional

Development and Local Government

Secretary of the Department of Health and Ageing Ms Jane Halton

Deputy Secretary, representing the Secretary, Department of Broadband, Mr Abul Rizvi PSM

Communications and the Digital Economy

Deputy Secretary & Executive Director, ABARE representing the Mr Phillip Glyde

Secretary, Department of Agriculture, Fisheries & Forestry

First Assistant Secretary, representing the Secretary, Prime Minister and Dr Rhondda Dickson

Cabinet

Mr Ian Carruthers First Assistant Secretary, representing Secretary, Department of Climate

Change and Energy Efficiency

First Assistant Secretary, Trade and Economic Policy Division, Mr Paul Tighe

representing the Secretary, Department of Foreign Affairs and Trade

First Assistant Secretary, representing the Secretary, Department of Mr Sean Sullivan

Environment, Water, Heritage and the Arts

Assistant Secretary representing Secretary, Department of Climate Mr Chris Johnston

Change and Energy Efficiency

Ms Tania Constable Principal Adviser Energy White Paper, representing the Secretary for

Resources, Energy and Tourism

#### **Invited Guests/Observers**

**Professor Warwick** 

Chief Executive Officer, National Health & Medical Research

Council

Anderson AM Professor Perry Bartlett Director, Queensland Brain Institute, University of Queensland Department of Psychology, Australian National University Dr Phillipa Butcher Associate Professor SIMERR, School of Education, University of New England

Lorraine Graham

Mr Anthony Harradine Director, Noel Baker Centre for School Mathematics, Prince Alfred

College

Associate Professor Lori Associate Dean (Research and Graduate), Faculty of Education,

University of Wollongong Lockyer

Professor Lenore Faculty of Medicine, Nursing and Health Sciences and Faculty of

Manderson Arts, Monash University

Chief Executive Officer, Australian Council for Educational Research **Professor Geoff Masters** Professor Tony McMichael Director, National Centre for Epidemiology and Population Health,

Australian National University

Director, National Institute of Labour Studies, Flinders University Professor Sue Richardson Executive Director, Minerals Tertiary Education Council Dr Kevin Tuckwell

Professor Robert Wood Director, Accelerated Learning Laboratory, University of Melbourne

Human Protection and Performance Division, DSTO Dr Chris Woodruff

### **APOLOGIES**

#### **Ministers**

The Hon Julia Gillard MP Deputy Prime Minister and Minister for Education, Employment and

Workplace Relations (Deputy Chair)

The Hon Wayne Swan MP Treasurer

Senator Penny Wong

Senator the Hon Stephen

The Hon Anthony Albanese

Minister for Climate Change and Energy Efficiency and Water Minister for Broadband, Communications and the Digital Economy

Minister for Infrastructure, Transport, Regional Development and

MP Local Government

The Hon Peter Garrett AM Minister for Environment, Heritage and the Arts

MΡ

The Hon Nicola Roxon MP Minister for Health and Ageing

Ex-officio Members

Dr Megan Clark Chief Executive, CSIRO Professor Peter Coaldrake Chair, Universities Australia

Members appointed in a personal capacity

Professor Graeme Australian Research Council, Federation Fellow

Turner University of Queensland

Secretaries

Mr Peter Harris Secretary of the Department of Broadband, Communications and the

Digital Economy

Dr Ken Henry AC Secretary, The Treasury

Ms Robyn Kruk AM Secretary, Department of the Environment, Water, Heritage and the

Arts

Mr Terry Moran AO
Dr Conall O'Connell
Mr John Pierce
Secretary, Department of Resources, Energy and Tourism
Secretary, Department of Resources, Energy and Tourism

Dr Martin Parkinson Secretary, Department of Climate Change and Energy Efficiency

Mr Dennis Richardson Secretary, Department of Foreign Affairs and Trade

### 22ND MEETING, 4 FEBRUARY 2011

#### **ATTENDANCE**

Ministerial members

Senator the Hon Kim Carr Minister for Innovation, Industry, Science and Research (Deputy

Chair)

The Hon Martin Ferguson

AM MP

Minister for Resources and Energy, Minister for Tourism

The Hon Mark Dreyfus QC Parliamentary Secretary for Climate Change and Energy

MP Efficiency

# Ex-officio Members (or representative)

Professor Penny Sackett Chief Scientist for Australia (Executive Officer)

Mr Peter Laver Acting President, Australian Academy of Technological Sciences

and Engineering

Professor Margaret Sheil Chief Executive Officer, Australian Research Council

Mr Peter Cockbain Past President, representing the President of Engineers Australia

Mr David Miles AM Chair, Innovation Australia Board

Professor Robert Clark Chief Defence Scientist, Defence Science and Technology

Organisation

Mr David Gray AM

Past President, representing the President of the Australian Chamber

of Commerce and Industry

Professor Michael Good AO Chair of Council, National Health & Medical Research Council

Professor Suzanne Cory President, Australian Academy of Science

Dr Cathy Foley President, Federation of Australian Scientific and Technological

Societies

Dr Megan Clark Chief Executive, Commonwealth Scientific and Industrial Research

Organisation

Professor John Shine AO 2010 Prime Minister's Prize for Science winner

### Members appointed in a personal capacity

Professor Fiona Stanley Director, Telethon Institute for Child Health Research

AC

Professor Graeme Turner Director, Centre for Critical and Cultural Studies, University of

Queensland

# Secretaries (or representative)

Ms Marie Taylor Assistant Secretary, Climate Change, Energy and Industry, Prime

Minister and Cabinet

Mr Paul Schreier First Assistant Secretary, Industry, Infrastructure and Environment

Division, Prime Minister and Cabinet

Mr Mark Paterson AO Secretary, Department of Innovation, Industry, Science and

Research

Mr Robert Griew Associate Secretary, Department of Education, Employment and

Workplace Relations

Dr Martin Parkinson Secretary, Department of Climate Change and Energy Efficiency

Ms Jane Halton Secretary, Department of Health and Ageing

Mr Phillip Glyde Deputy Secretary, Department of Agriculture, Fisheries and

Forestry

Ms Glenys Beauchamp PSM Secretary, Department of Regional Australia, Regional

Development and Local Government

Mr Keith Besgrove First Assistant Secretary, Digital Economy Services Division,

Department of Broadband, Communications and the Digital

**Economy** 

Mr Martin Hoffman Deputy Secretary, Department of Resources, Energy and Tourism

Mr Mark Tucker Deputy Secretary, Department of Sustainability, Environment,

Water, Population and Communities

Mr Simon Atkinson First Assistant Secretary (Acting), Policy Co-ordination, Regional

Australia, Regional Development and Local Government

Mr Brendan Berne First Assistant Secretary (Acting), Trade and Economic Policy

Division, Department of Foreign Affairs and Trade

#### Invited Guests/Observers

Dr Michael Raupach Chair, Energy-Water-Carbon Intersections Expert Working Group

CSIRO Fellow, CSIRO Marine and Atmospheric Research

Professor Mike Young Member, Energy-Water-Carbon Intersections Expert Working

Group

Executive Director, The Environment Institute, The University of

Adelaide

Professor Peter Langridge Chair, Australia and Food Security in a Changing World Expert

Working Group

CEO, Australian Centre for Plant Functional Genomics, University

of Adelaide

Dr Joanne Daly Member, Australia and Food Security in a Changing World Expert

Working Group

Group Executive, Agribusiness, CSIRO

#### **APOLOGIES**

### Ministerial Members

The Hon Julia Gillard MP Prime Minister (Chair)

The Hon Peter Garrett AM Minister for School Education, Early Childhood and Youth

MP

The Hon Wayne Swan MP Treasurer

The Hon Chris Evans MP Minister for Tertiary Education, Skills, Jobs and Workplace

Relations

The Hon Anthony Albanese

MP

Minister for Infrastructure and Transport

The Hon Nicola Roxon MP Minister for Health and Ageing

The Hon Craig Emerson MP Minister for Trade

The Hon Tony Burke MP Minister for the Sustainability, Environment, Water, Population and

Communities

Senator the Hon Stephen

Conroy

Minister for Broadband, Communications and the Digital Economy

The Hon Greg Combet MP Minister for Climate Change and Energy Efficiency

The Hon Simon Crean MP Minister for Regional Australia, Regional Development and Local

Government and the Arts

The Hon Joseph Ludwig MP Minister for Agriculture, Fisheries and Forestry

# Ex-officio Members

Professor Robin Batterham AO President, Australian Academy of Technological Sciences and

Engineering

Mr Graham Bradley President of the Business Council of Australia

Professor Peter Coaldrake Chair, Universities Australia

#### Secretaries

Dr Conall O'Connell
Mr Drew Clarke
Secretary, Department of Agriculture, Fisheries and Forestry
Secretary, Department of Resources, Energy and Tourism
Mr Peter Harris
Secretary, Department of Broadband, Communications and the

Digital Economy

Mr Mike Mrdak Secretary, Department of Infrastructure and Transport

Dr Ken Henry AC Secretary, The Treasury

Mr Terry Moran AO Secretary, Prime Minister and Cabinet

Ms Lisa Paul PSM Secretary, Department of Education, Employment and Workplace

Relations

Mr Dennis Richardson Secretary, Department of Foreign Affairs and Trade

Dr Paul Grimes Secretary, Department of Sustainability, Environment, Water,

Population and Communities