



Australian Government

Department of Innovation, Industry, Science and Research

# CAUL - 2011 Roadmap

**CLARE McLAUGHLIN** / Science and Infrastructure

APRIL 2011



Australian Government

Department of Innovation, Industry, Science and Research

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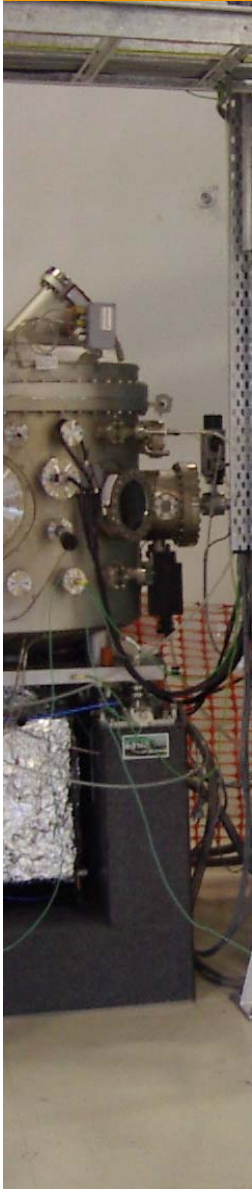
# ‘Research infrastructure is the bedrock of good research and a robust innovation system’

Senator the Hon. Kim Carr, announcement of the National Research Infrastructure Council  
20 May 2009



## NCRIS, EIF and Super Science

- **National Collaborative Research Infrastructure Strategy (NCRIS)**
  - Announced in 2004-05 Budget
  - \$542 million
  - Ends 30 June 2011
- **Education Investment Fund (EIF)**
  - Announced in 2008-09 Budget
  - \$746 million for research infrastructure to date, over three competitive rounds
- **Super Science Initiative**
  - Announced in 2009-10 Budget
  - \$901 million
  - Concludes in 2012-13





## Current Situation

- Government has committed to return the Budget to surplus by 2012-13
- Increased pressure on this objective due to natural disasters has already seen a shift of funds from previously announced programs
- The Department is working towards building a strong evidence base for future research infrastructure funding





## Recent Reviews

- 2008 Review of the National Innovation System recommended a successor program to NCRIS for 10 years, including capital and operational support of \$150 to \$200 million per annum
- 2010 NCRIS Evaluation Report validated key features of NCRIS



## Current Activities

- The National Research Infrastructure Council (NRIC) - Strategic Framework for Research Infrastructure Investment
- 2011 Strategic Roadmap for Australian Research Infrastructure



## Strategic Framework - NRIC

- The Strategic Framework is intended to provide a high-level framework to guide the development of policy advice and the design of future Australian Government programs related to the funding of research infrastructure
- The Discussion Paper, released for sector consultation in December 2010 outlined a number of principles relating to the following issues:
  - Continuity of funding
  - Holistic funding
  - Prioritisation
  - Excellence in research infrastructure
  - Collaboration
  - Co-investment
  - Access
  - Pricing
- NRIC received 67 submissions in response to the Discussion Paper and is currently finalising a draft framework to provide to the Minister





## 2011 Strategic Roadmap for Australian Research Infrastructure

- Roadmapping is an integral part of prioritisation of research infrastructure investment
- Determining whether the current mix of capabilities continues to meet researchers' needs
- Considering whether new or emerging areas of research will require new types of infrastructure in the future
- Extensive consultation





# Expert Working Groups – 2011 Roadmap

Established February 2011

## Expert Working Group

Environmentally Sustainable Australia

Frontier Technologies

Safeguarding Australia

Promoting and Maintaining Good Health

Understanding Cultures and Communities

eResearch Infrastructure

## Chair

Dr John Gunn

Dr Calum Drummond

Dr Alastair Robertson

Prof Mike Calford

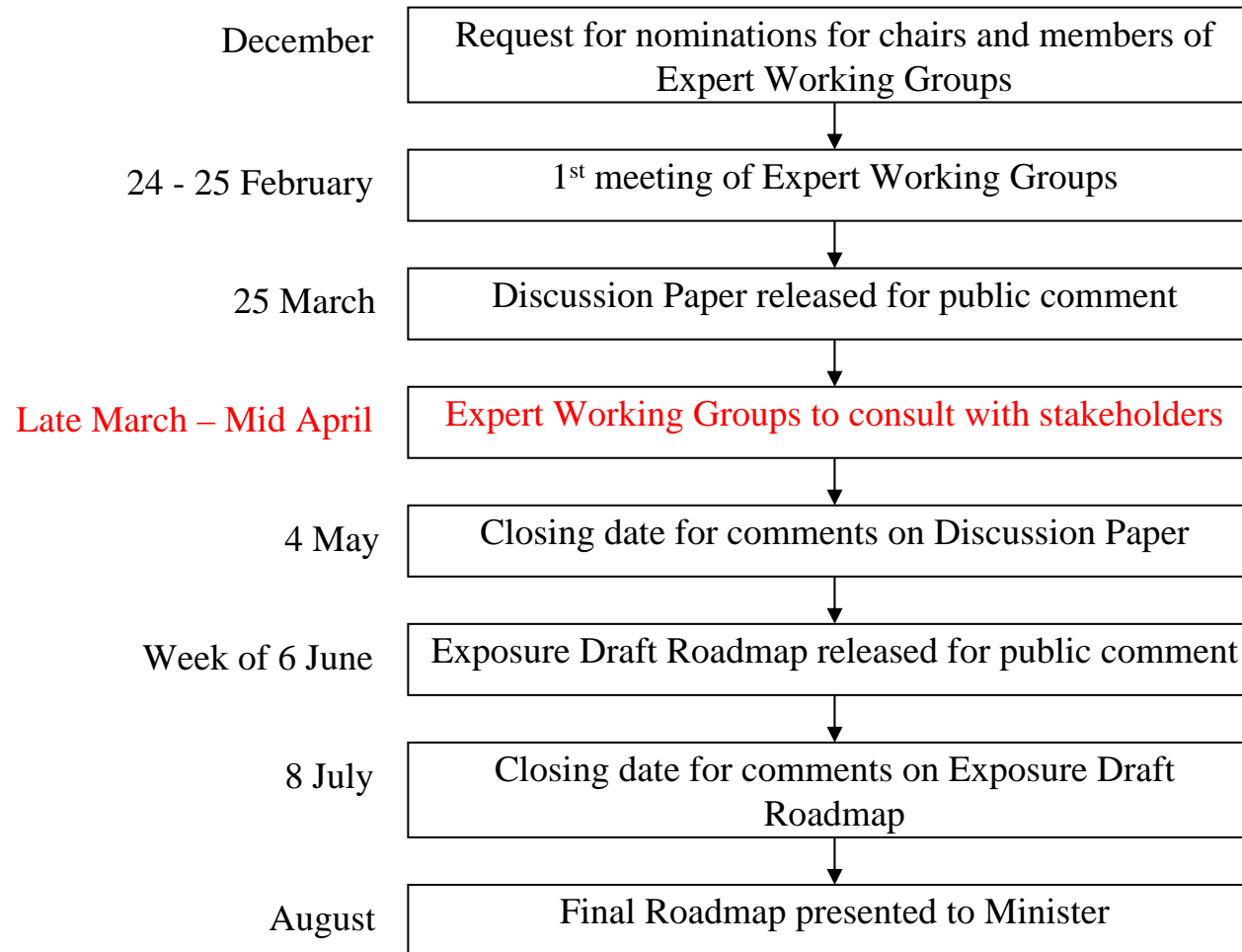
Prof Rae Frances

Prof Attila Brungs





## 2011 Roadmap Indicative Timeline





## Overarching Issues Relating to Research Infrastructure Funding Program Design

- Operating costs
- Pricing and access
- Excellence



## Integration of Existing and Future Facilities

- New infrastructure
- Build on existing infrastructure
- Integrate separate facilities to form a broader, coherent capability or set of services





## Cross-Disciplinary Needs

- Characterisation
- Bioplatforms
- Social science and humanities linkages
- International infrastructure





## Data, Data, Data

Cross-disciplinary theme

Data should be:

- Managed
- Accessible
- Interoperable
- Connectable
- Reusable
- Discoverable



**Responses to the 2011 Roadmap  
Discussion Paper are due on Wednesday,  
4 May 2011**

**Roadmap2011 @innovation.gov.au**

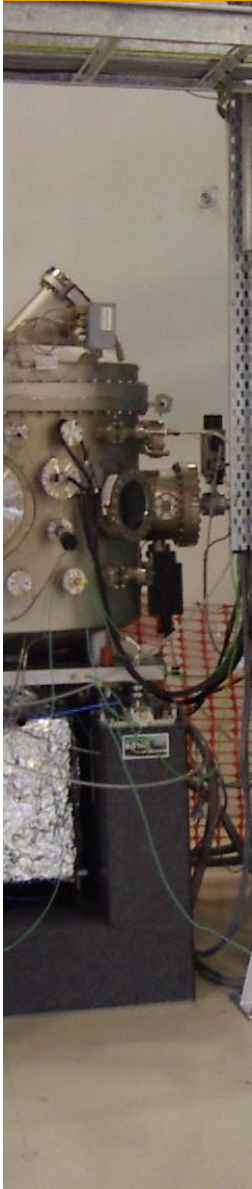
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