



Australian Government
Department of Industry,
Innovation and Science

The Australian Space Industry: The Australian Government perspective

“The global space industry is growing rapidly and it’s crucial that Australia is part of this growth”
Minister Cash

Trevor Power, Head, Industry Growth Division

12 April 2018

The space sector: Productivity enabler across the economy

- Space applications benefit the wider economy
 - e.g. agriculture, communications, logistics, advanced manufacturing
- Space capability growth aligns with wider industry policy focus on building jobs and growth for Australia
- Support for space growth through:
 - Cooperation
 - International engagement
 - Coordination
- A national space agency will provide a mechanism for supporting space industry growth

Australia's position: Global market trends

- Existing capabilities and competitive advantages provide opportunities here and abroad
- Australian space sector growth may come from:
 - Developing its existing competitive capabilities
 - Investing in its advantages that are aligned with international growth opportunities

Global trend	Industry's suggested Australian opportunities (e.g.)
Technological advances → cost-effective space activities	Small satellite development
Increasing private space investment	Greater investment and commercialisation
Global economy is increasingly data dependent	Data integration and applications

Review of Australia's Space Industry Capability

July 2017

- The Review of Australia's Space Industry Capability (the Review) was announced
 - Over 400 people were involved in the Review consultations
 - 250+ meeting attendees
 - 180 written submissions (140 publicly available)

September 2017

- At IAC in Adelaide, the Government announced its intent to establish an Australian Space Agency

March 2018

- The Review's Report + Agency Draft Charter advice were provided to Government

Key themes from the Review's public consultations

- **Existing capabilities & advantages to leverage or further develop**

- Advantageous geography
- EO data expertise
- Satellite capabilities
- R&D
- Communications
- Collaboration / Partnerships

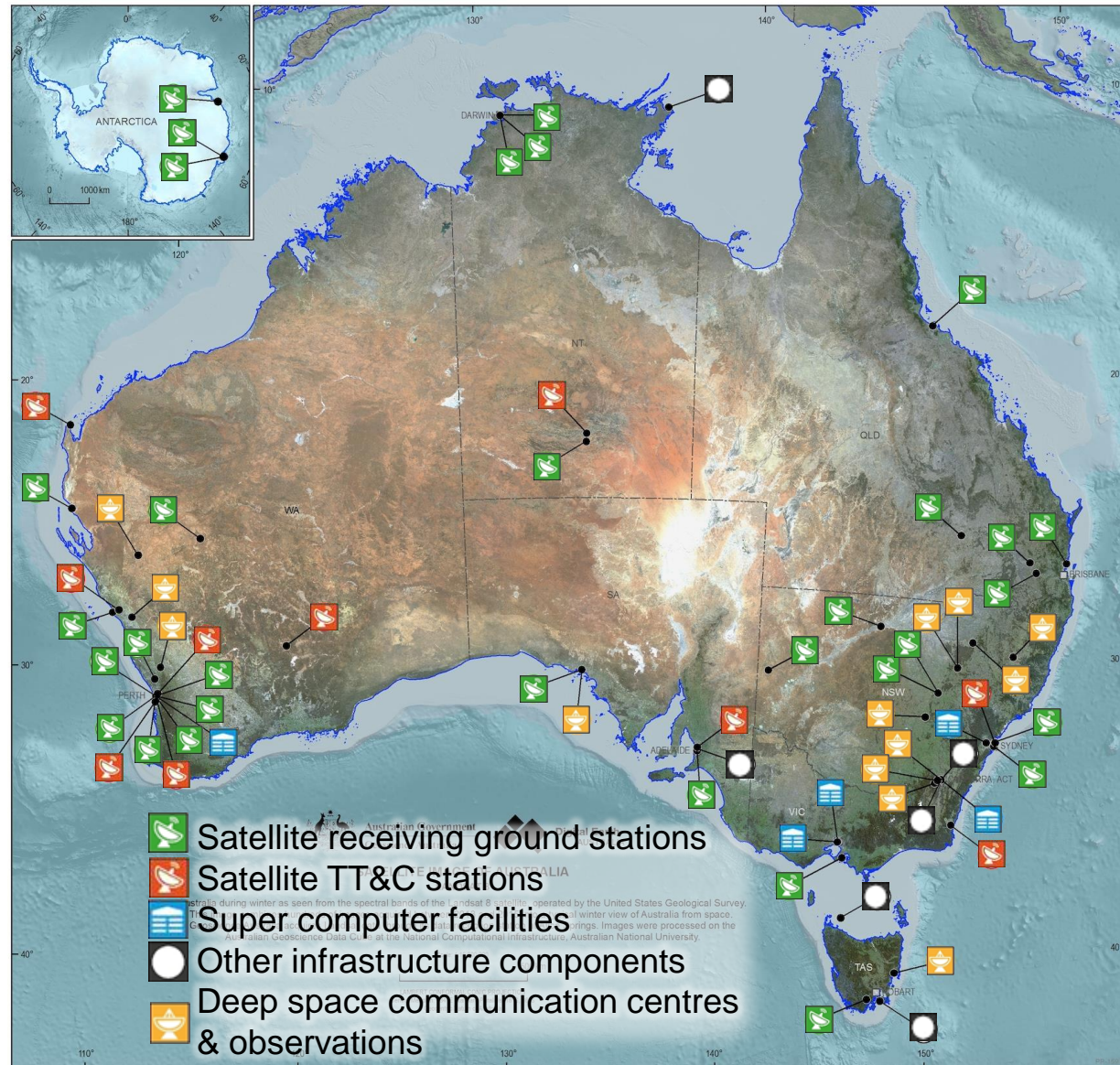
- **New capabilities needed for growth**

- National space agency
- Funding / Investment framework
- Coordination
- Collaboration
- Launch & Satellite capabilities
- Assured access to data, infrastructure and services

- **Expectations**

- Enhanced competitiveness
- Space ecosystem growth
- Collaboration / Partnerships
- Access to data, infrastructure and services
- Economic spill-over benefits
- World leader in Australian space advantages

Existing capabilities across Australia



- **Strong spread of existing space capabilities (e.g.)**
 - Data - analytics, integration, EO applications
 - Comms - ground stations, telecommunication
 - Tracking - laser ranging, deep space
 - Positioning - GNSS, SBAS
- **Opportunities and advantages (e.g.)**
 - Small satellites - design, manufacture
 - Skills - R&D capability, education
 - Private commercial launch services + vehicles

Australian Space Agency

- Government will focus on space industry capability growth through activities of the space agency
- Charter to be fully developed
 - Advice on a draft Charter received in March 2018
- A national space agency will ensure we have a strategic national long-term sector strategy

Roles & activities of the Agency:

- Coordinate domestic space activities
- Support international partnerships & engagement
- Provide strategic sector direction
- Support capability development

Next steps

- Government is considering the Review's Report
- Government will respond to Report's recommendations
- Continue building momentum and engaging internationally
- Arrangements will be made for the Australian Space Agency

www.space.gov.au

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