Geoscience Australia

CORPORATE PLAN
2016 – 2020

August 2016

Contents

1. Introduction

1.1 Chief Executive Officer's foreword

Geoscience Australia is Australia's pre-eminent public sector geoscience organisation and the nation's trusted advisor on the geology and geography of Australia.

Geoscience Australia applies science and technology to describe and understand the Earth for the benefit of Australia.

It also applies its diverse professional expertise, deep and trusted knowledge, national-scale Earth observation infrastructure and strong partnerships to the opportunities and challenges that face the nation.

1.2 Statement of preparation

As the accountable authority of Geoscience Australia, I am pleased to present Geoscience Australia's 2016-17 Corporate Plan covering the four year period to 2020, as required under paragraph 35(1)(b) of the *Public Governance, Performance and Accountability Act 2013*.

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Dr Chris Pigram

Chief Executive Officer

12 August 2016

2. Purpose

Geoscience Australia's purpose aligns to six key strategic priority areas:

- **Building Australia's Resource Wealth** – maximise benefits from Australia's minerals and energy resources, now and into the future
- **Ensuring Australia's Community Safety** – Australian communities are more resilient to natural hazards
- **Securing Australia's Water Resources** – optimise and sustain the use of Australia's water resources
- **Managing Australia's Marine Jurisdictions** – maximise benefits from the sustainable use of Australia's marine jurisdiction
- **Providing Fundamental Geographic Information** – understand the location and timing of processes, activities and changes across Australia to inform decision making for both natural and built environments
- **Maintaining Geoscience Knowledge and Capability** – maintain an enduring and accessible knowledge base and capability to enable evidence-based policy and decision making by government, industry and the community.

In achieving its purpose, Geoscience Australia provides applied research and information. It delivers a wide range of products to assist government and the community to make informed decisions about the use of natural resources, the management of the environment, and community safety.

2.1 Science principles

Delivery of Geoscience Australia's work programme is underpinned by a set of science principles that guide and describe how the organisation conducts its science. Adhering to these principles ensures that the products and services of Geoscience Australia are evidence-based, testable and transparent, peer reviewed, communicated effectively, and benchmarked and monitored to deliver sustainable capability.

Geoscience Australia's science principles are available on the organisation's website (**www.ga.gov.au/about/corporate-documents/science-principles**).

2.2 Values

The culture of Geoscience Australia and the delivery of its work programme is founded on the organisation's core values:

- **Impartial**: Provide impartial evidence-based advice and information that is relevant and timely and based on the best available science.
- **Committed to service**: Be innovative, behave professionally, operate efficiently and work collaboratively to achieve excellence.
- **Accountable**: Take ownership of work and personal actions, and be transparent and accountable.
- **Respectful**: Value everyone by showing respect, support, encouragement and inclusiveness.
- **Ethical**: Demonstrate leadership, acting with integrity, trust and ethical intent.

3. Strategic Priorities

3.1 Building Australia's Resource Wealth

Environment

Australia's mineral and energy resources are a major contributor to the nation's wealth, both economically and socially. Understanding the available resources is a prerequisite for formulating sound policies on resources and land access.

Australia has a significant advantage in the production of resource commodities over other nations. This advantage stems from the rich and diverse mineral and energy endowment, the high quality regional-scale geoscience information that lowers the risks of exploration, advanced exploration, mining and processing technologies, a skilled work force, generally favourable physical environments, relatively stable economic conditions, enabling and robust legislative framework and low sovereign risk.

Purpose

Maximise benefits from Australia's minerals and energy resources, now and into the future.

Our role

Attract exploration investment to Australia by building a prospectus of minerals and energy resource potential.

Our strategies

- Develop capability to predict Australia's minerals and energy resource potential.
- Identify new prospective minerals and energy provinces through the acquisition, analysis and delivery of pre-competitive information.
- Assess Australia's minerals and energy resources to provide authoritative, independent information and advice to the Australian Government and other stakeholders.
- Provide leadership in promoting Australia's minerals and energy resource potential.

Desired outcomes

- Australia is an internationally competitive destination for minerals and energy resource investment.
- Australia maintains its minerals and energy resources pipeline through new discoveries.
- Australia's resources are optimised to benefit and contribute to the economy.
- There is public confidence in the management of the minerals and energy resources sector.

Performance Information

Geoscience Australia's performance will be assessed using a number of qualitative and quantitative measures to communicate a comprehensive view of performance that will be presented in the organisation's annual performance statement.

Performance measures will include assessment against key deliverables and performance indicators, as well as incorporating results from science evaluations and stakeholder surveys.

- Science evaluations are undertaken by a panel of independent experts who assess key elements of Geoscience Australia's work programme against the performance criteria of the organisation's scientific principles.

- Geoscience Australia undertakes a biennial stakeholder survey to assess stakeholder satisfaction levels against key criteria relating to the organisation's products and services.

Table 3.1.1 – Programme Deliverables

Programme Deliverables	2016-2017	2017-2018	2018-2019	2019-2020
Energy Pre-Competitive Resource	✓	✓	✓	✓
• Geological studies of the evolution and resource potential of onshore and offshore energy systems, including new data acquisition and delivery	✓	✓		
• Management of the National Low Emissions Carbon Infrastructure funding				
Minerals Pre-Competitive Resource				
• New pre-competitive data collection, processing and delivery in greenfields undercover Australia in collaboration with state and Northern Territory governments	✓	✓	✓	✓
• Geological studies of the evolution and resource potential of undercover greenfields regions to support mineral exploration investment in collaboration with state and Northern Territory governments	✓	✓	✓	✓
Resources Advice and Promotion				
• Deliver supporting information for the Offshore Petroleum Acreage Release	✓	✓	✓	✓
• Deliver components of the China Australia Geological Storage of CO_2 Project	✓	✓	✓	✓
• Deliver investment promotions at key international resource seminars and trade conventions	✓	✓	✓	✓

Table 3.1.2 – Key Performance Indicators

Key Performance Indicators	2016-2017	2017-2018	2018-2019	2019-2020
Stakeholder satisfaction with Geoscience Australia's acreage release products and services	80%	80%	80%	80%
Number of external stakeholders viewing Geoscience Australia's pre-competitive information	15	15	15	15

3.2 Ensuring Australia's Community Safety

Environment

Natural hazards, particularly floods, cyclones, bushfires and earthquakes, have a significant impact on the economy, the environment and society. The direct costs of property and infrastructure damage and business losses are significant, as are the Government's outlays in relief and recovery payments.

Australia's ability to effectively mitigate the impacts of natural hazards and disasters is contingent upon the availability of information on the incidence and impact of specific hazards and on early warning and advice.

Purpose

Australian communities are more resilient to natural hazards.

Our role

Support Australia's capability to manage the impact of natural hazards.

Our strategies

- Develop an understanding of natural hazards and community exposure to support risk mitigation and community resilience.
- Provide authoritative, independent information and advice to the Australian Government and other stakeholders to support risk mitigation and community resilience.
- Maintain and improve systems for effective natural disaster preparedness, response and recovery.
- Contribute to Australia's overseas development programme.

Desired outcomes

- Australia has national capability to reduce the economic, social and environmental impacts of hazard events.
- Informed decisions can be made in response to and in preparation for hazard events.
- Ongoing monitoring and early warning systems provide safeguards from the impacts of hazard events.

Performance Information

Geoscience Australia's performance will be assessed using a number of qualitative and quantitative measures to communicate a comprehensive view of performance that will be presented in the organisation's annual performance statement.

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Table 3.2.1 – Programme Deliverables

Programme Deliverables	2016-2017	2017-2018	2018-2019	2019-2020
Community Safety				
• Deliver an updated National Seismic Hazard Assessment map		✓		
• Deliver updated simulation of the National Probabilistic Tsunami Hazard assessment of Australia		✓		
• Deliver single point of access to flood risk studies through the Australian flood risk information portal	✓			
Seismology				
• Provide ongoing Nuclear monitoring for detection of suspected nuclear tests	✓	✓	✓	✓
• Provide 24 hour, 7 days per week earthquake monitoring and alert	✓	✓	✓	✓
Situational Awareness Information Framework				
• Provide advice and spatial capability to support the Australian Government's response to national disasters	✓	✓	✓	✓
• Deliver updated information products to Airservices Australia to support air safety	✓	✓	✓	✓
• Develop and deliver updated information using the national Exposure Information System to support Australian Government programmes	✓	✓	✓	✓

Table 3.2.2 – Key Performance Indicators

Key Performance Indicators	2016-2017	2017-2018	2018-2019	2019-2020
Stakeholder satisfaction with Geoscience Australia's community safety products and services	80%	80%	80%	80%
Availability of the national bushfire monitoring system, Sentinel, between October and March	90%	95%	95%	95%
Respond to requests to activate the International Charter for Space and Major Disasters within 24 hours	90%	90%	90%	90%
Respond to requests for geospatial information to the Australian Government Crisis Coordination Centre within 2 hours between October and March and within 24 hours during steady state periods	90%	90%	90%	90%
National vertical obstacle products comply with Civil Aviation Regulations and are delivered monthly, or as specified, to Airservices Australia and the Royal Australian Air Force (RAAF)	100%	100%	100%	100%
Earthquake alerts issued within agreed timeframes	100%	100%	100%	100%
Nuclear events detected within agreed timeframes	100%	100%	100%	100%

3.3 Securing Australia's Water Resources

Environment

Australia is the driest inhabited continent by land area, which makes the use and management of water a key challenge. There is, however, a sparse understanding of our water resources in much of the continent.

Groundwater and surface water systems are fundamentally linked and an adequate understanding of groundwater in particular is critical for optimised and holistic management of water resources. In many parts of Australia groundwater underpins minerals and energy resource development, agriculture and regional communities and the environment. Understanding groundwater systems and minimising the impacts of development on groundwater supply and quality are thus critical to Australia's ongoing water security and regional development.

Purpose

Optimise and sustain the use of Australia's water resources.

Our role

Inform the understanding of the location, quantity, quality and sustainable use of Australia's groundwater resources and surface water systems.

Our strategies

- Provide authoritative, independent information and advice to the Australian Government and other stakeholders on groundwater resources, processes and impacts.
- Conduct multi-disciplinary and multi-scale geoscientific research to enhance knowledge and understanding of groundwater and surface water systems.
- Improve the quality and reliability of elevation and surface water information to support forecasting of water flows.

Desired outcomes

- Management of Australia's water resources is underpinned by scientific evidence.
- Communities have access to a sustainable water resource.
- There is public confidence in the management of water resource use and environmental impacts.

Performance Information

Geoscience Australia's performance will be assessed using a number of qualitative and quantitative measures to communicate a comprehensive view of performance that will be presented in the organisation's annual performance statement.

Performance measures will include assessment against key deliverables and performance indicators, as well as incorporating results from science evaluations and stakeholder surveys.

- Science evaluations are undertaken by a panel of independent experts who assess key elements of Geoscience Australia's work programme against the performance criteria of the organisation's scientific principles.

- Geoscience Australia undertakes a biennial stakeholder survey to assess stakeholder satisfaction levels against key criteria relating to the organisation's products and services.

Table 3.3.1 – Programme Deliverables

Programme Deliverables	2016-2017	2017-2018	2018-2019	2019-2020
Evaluating Australia's Groundwater Systems				
• Provide authoritative, independent information and advice to the Australian Government and other stakeholders on groundwater resources, processes and impacts	✓	✓	✓	✓
• Deliver final suite of contracted products and data for Lake Eyre Basin bioregion as part of the Bioregional Assessment Programme	✓			
• Deliver final suite of contracted products and data for the Broken Hill Managed Aquifer Recharge Project	✓			
• Acquire and deliver new pre-competitive groundwater data and information in collaboration with state and Northern Territory governments	✓	✓	✓	✓
Groundwater and Surface Water Innovation				
• Develop new work flows and approaches to integrate and analyse multiple datasets in a high performance computing environment	✓	✓	✓	✓
• Integrate new Earth observation products with groundwater and surface water data to understand groundwater systems through time	✓	✓	✓	✓
• Assess hydrogeophysical and remote sensing technologies for groundwater system mapping and characterisation in the Australian landscape context.	✓	✓	✓	✓

Table 3.3.2 – Key Performance Indicators

Key Performance Indicators	2016-2017	2017-2018	2018-2019	2019-2020
Stakeholder satisfaction with Geoscience Australia's water resources products and services	80%	80%	80%	80%
Requests for groundwater resource management advice under the *Environment Protection and Biodiversity Conservation Act 1999* responded to within agreed timeframes	95%	95%	95%	95%
Surface Water foundation spatial datasets meet legal and policy needs of the *Water Act 2007* and the National Climate Change Adaptation Framework	100%	100%	100%	100%

3.4 Managing Australia's Marine Jurisdictions

Environment

Australia's marine jurisdiction is large, 1.8 times the size of Australia's land mass and 4 per cent of the global ocean. With increasing global demand for energy, food and security, activity within the marine jurisdiction is becoming increasingly important to the Australian economy. Effective and efficient management of the marine jurisdiction relies on baseline mapping, definition of boundaries and characterisation of marine resources and assets, and the ability to measure change over time.

Purpose

Maximise benefits from the sustainable use of Australia's marine jurisdiction.

Our role

Contribute to the sustainable development of marine resources and conservation of key ecosystems.

Our strategies

- Define and maintain an authoritative representation of Australia's maritime boundaries.
- Build knowledge to inform the sustainable development of marine resources and management of marine ecosystems.
- Provide authoritative, independent information and advice to the Australian Government and other stakeholders on marine environmental assets and Australian Antarctic Territory.

Desired outcomes

- Expertise in the marine environment to support the sustainable development of resources.
- Australia has legal and regulatory certainty of marine jurisdictions.
- There is public confidence in the marine environmental regulations and outcomes.

Performance Information

Geoscience Australia's performance will be assessed using a number of qualitative and quantitative measures to communicate a comprehensive view of performance that will be presented in the organisation's annual performance statement.

Performance measures will include assessment against key deliverables and performance indicators, as well as incorporating results from science evaluations and stakeholder surveys.

- Science evaluations are undertaken by a panel of independent experts who assess key elements of Geoscience Australia's work programme against the performance criteria of the organisation's scientific principles.

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Table 3.4.1 – Programme Deliverables

Programme Deliverables	2016-2017	2017-2018	2018-2019	2019-2020
Marine Jurisdiction and Coastal Zone				
• Provide advice and information to support policy and operations in Australia's marine jurisdiction under the *Seas and Submerged Lands Act 1973,* the *Offshore Petroleum and Greenhouse Gas Storage (Environmental) Regulations 2009* and the *Antarctic Treaty (Environment Protection) Act 1980*	✓	✓	✓	✓
• Deliver information to support the Australian Transport Safety Bureau's search for missing airlines flight MH370	✓			
• Deliver new seabed data and information products in collaboration with partners of the Australian Government's National Environmental Science Programme - Marine Biodiversity Hub.	✓	✓	✓	✓
• Establish a collaborative national programme on bathymetry data acquisition and management with key Commonwealth and state government agencies.		✓		
• Implement a shallow-water seafloor mapping programme in high-use near-shore regions adjacent to the three Australian Antarctic research stations, Casey, Davis and Mawson, in collaboration with Australian Antarctic Division and Royal Australian Navy.	✓	✓	✓	

Table 3.4.2 – Key Performance Indicators

Key Performance Indicators	2016-2017	2017-2018	2018-2019	2019-2020
Stakeholder satisfaction with Geoscience Australia's marine jurisdictions products and services	80%	80%	80%	80%
Authoritative representations of Australia's maritime boundaries are accessible via the interactive mapping platform	90%	90%	90%	90%
Availability of new marine and coastal bathymetry data via Geoscience Australia's website within six months of being compliant with data standards.	100%	100%	100%	100%

3.5 Providing Fundamental Geographic Information

Environment

Australia has a vast and rich landscape and geographic data provides the nation with a multifaceted view of Australia's landscape through time.

Geoscience data and information is a significant national resource with enduring value for the Australian community. Understanding and analysing when and where things are happening is essential for government, industry and researchers to make decisions and improve national economic, environmental and social outcomes for the nation.

Purpose

Understanding the location and timing of processes, activities and changes across the Australian continent to inform decision-making for both natural and built environments.

Our role

Provide reliable national fundamental information about the geographies of the nation.

Our strategies

- Build and implement Foundation Spatial Data Framework to deliver reliable representations of the geography of Australia.
- Champion the use of location information for government and community decision making.
- Deliver national geodetic capability.
- Apply high performance computing to transform geoscience research and facilitate innovation.

Desired outcomes

- Australia has an authoritative source of national fundamental geographic information including maps, data and global navigation information.
- Australia has continuity of geospatial information to monitor changes to the natural and built environment through time.

Performance Information

Geoscience Australia's performance will be assessed using a number of qualitative and quantitative measures to communicate a comprehensive view of performance that will be presented in the organisation's annual performance statement.

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Table 3.5.1 – Programme Deliverables

Programme Deliverables	2016-2017	2017-2018	2018-2019	2019-2020
Positioning				
• Deliver the new National Coordinate Datum (Geocentric Datum of Australia 2020)	✓			
• Deliver the Dynamic National Coordinate Datum				✓
• Deliver components of the National Positioning Infrastructure project	✓	✓	✓	✓
• Provide Geodetic Environmental Monitoring	✓	✓	✓	✓
National Location Information Framework				
• Develop new analysis and collection management tools for the Foundation Spatial Data Framework to enable Australia's Spatial Data Infrastructure.		✓		✓
• Provide spatial data advice to the Australian Government's Open Data Policy	✓	✓	✓	✓
• Develop and deliver information products using the Foundational Spatial Data Framework to support Australian Government programmes	✓	✓	✓	✓
Australian Geoscience Data Cube (AGDC)				
• Deliver improved performance and capability of the AGDC including the addition of new measurements, analysis techniques and collection management tools	✓	✓	✓	✓
• Develop and deliver information products using the AGDC to support Australian Government programmes	✓	✓	✓	✓
• Manage Australia's engagement with international satellite operators	✓	✓	✓	✓

Table 3.5.2 – Key Performance Indicators

Key Performance Indicators	2016-2017	2017-2018	2018-2019	2019-2020
Stakeholder satisfaction with Geoscience Australia's fundamental geographic information products and services	80%	80%	80%	80%
Data availability from geodetic observatory networks	95%	95%	95%	95%
Data availability from South Pacific Earth monitoring network	95%	95%	95%	95%
Foundation Spatial Data Framework products are accessible through the National Map and interactive mapping platforms	60%	60%	65%	70%

3.6 Maintaining Australia's Geoscience Knowledge and Capability

Environment

Properly collected and archived data has an enduring value. It is essential this data is collected through appropriate means and is available in a format that is understandable and accessible.

This data is acquired from a range of platforms including satellites, observatories and laboratory instruments. Data from individual observatories or individual samples can be integrated to build models of our continent, Antarctica, island territories and surrounding oceans.

Purpose

Maintain an enduring and accessible knowledge base and capability to enable evidence-based policy and decision making by government, industry and the community.

Our role

Ensure geoscientific and geospatial data, information and collections are gathered, managed and made accessible for the use of all Australians both now and into the future.

Our strategies

- Operate and maintain infrastructure for geoscientific observations and analysis to support programme objectives.
- Ensure geoscientific and geospatial data, information and collections are captured, curated and made accessible to the community for use now and into the future.
- Promote, educate and build public awareness of geoscience and its benefits.
- Provide a functional national repository of offshore petroleum data and samples.

Desired outcomes

- Australia's geoscience data, information and collections are managed and maintained.
- Australia's geoscience data, information and collections are discoverable and accessible as a public resource for informed decision making.
- Australia has as an established infrastructure to ensure the ongoing collections of fundamental geoscience data.

Performance Information

Geoscience Australia's performance will be assessed using a number of qualitative and quantitative measures to communicate a comprehensive view of performance that will be presented in the organisation's annual performance statement.

Performance measures will include assessment against key deliverables and performance indicators, as well as incorporating results from science evaluations and stakeholder surveys.

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Table 3.6.1 – Programme Deliverables

Programme Deliverables	2016-2017	2017-2018	2018-2019	2019-2020
Observatories				
• Geomagnetic data acquisition and delivery	✓	✓	✓	✓
• Hydro-acoustic data acquisition and delivery	✓	✓	✓	✓
• Infrasound data acquisition and delivery	✓	✓	✓	✓
• Satellite remote sensing data acquisition and delivery	✓	✓	✓	✓
• Fulfil Geoscience Australia's obligations under its agreement with the United States Geological Survey for the Landsat Ground Station Network at the Alice Springs antenna	✓	✓	✓	✓
Science Support				
• Deliver fit-for-purpose analytical data	✓	✓	✓	✓
• Provide fit-for-purpose support to science work programmes	✓	✓	✓	✓
Petroleum Data Repository				
• Maintenance of an efficient and sustainable collaborative framework for the management of offshore petroleum data and samples in conjunction with the National Offshore Petroleum Titles Administrator and the Geological Survey of Western Australia.	✓	✓	✓	✓
• Operate a web-based platform for the discovery and delivery of offshore petroleum data and samples	✓	✓	✓	✓

Table 3.6.2 – Key Performance Indicators

Key Performance Indicators	2016-2017	2017-2018	2018-2019	2019-2020
Stakeholder satisfaction with Geoscience Australia's geographic knowledge and capability	80%	80%	80%	80%
Scheduled satellite passes acquired	98%	98%	98%	98%
Data availability from infrasound and hydro-acoustic networks	98%	98%	98%	98%
Data availability from geodetic observatory networks	95%	95%	95%	95%
Data availability from the Australian Seismic Network	90%	90%	90%	90%
Geomagnetism data collected and added to archive	98%	98%	98%	98%
Uptime of Geoscience Australia's Landsat collection	75%	80%	90%	95%
Offshore Petroleum and Greenhouse Gas Storage Act 2006 (OPGGSA) data and sample submissions are processed within 5-10 working days	100%	100%	100%	100%
Stakeholder satisfaction with the National Offshore Petroleum Information Management System (NOPIMS) data provision and delivery	75%	75%	75%	75%

4. Financial Management

Geoscience Australia's work plan and budget for the period 2016-20 was developed based on the six strategic priority areas and the delivery of a work programme to meet their purpose.

Geoscience Australia is committed to meeting whole-of-government priorities and ensuring the provision of services is as efficient and well-targeted as possible. In this context, Geoscience Australia is improving operational efficiencies, reducing administrative overheads and delivering services within a governance framework that demonstrates the benefits and value of the organisation's work.

Table 4.1 – Comprehensive income statement

GEOSCIENCE AUSTRALIA: Comprehensive income statement
(source: Portfolio Budget Statements 2016-17)

	2016-17 Budget $'000	2017-18 Forward estimate $'000	2018-19 Forward estimate $'000	2019-20 Forward estimate $'000
EXPENSES				
Employee benefits	74,392	75,861	77,040	78,533
Suppliers	111,908	108,159	117,714	110,680
Depreciation and amortisation	98,136	7,496	7,528	7,410
Other expenses	50	50	50	50
Total expenses	**194,486**	**191,563**	**202,332**	**196,673**
OWN-SOURCE INCOME				
Sale of goods and rendering of services	41,890	39,900	39,900	39,900
Other	92	95	97	99
Total own-source revenue	**41,982**	**39,995**	**39,997**	**39,999**
Net (cost of)/contribution by services	**(152,504)**	**(151,568)**	**(162,335)**	**(156,674)**
Revenue from Government (Appropriation)*	139,668	140,048	151,473	146,644
Total comprehensive income/(loss)	**(12,836)**	**(11,520)**	**(10,862)**	**(10,030)**

This loss is approved and relates to the straight-lining of the operating lease at the Geoscience Australia building in Symonston, ACT in accordance with the Australian Accounting Standards.

*Appropriation includes new budget measure currently before Parliament.

Geoscience Australia's capital budget was developed to support the delivery of the work programme and to replace aging corporate and scientific equipment.

Table 4.2 – Capital budget statement

GEOSCIENCE AUSTRALIA: Capital Budget Statement (source: Portfolio Budget Statements 2016-17)	2016-17 Budget $'000	2017-18 Forward estimate $'000	2018-19 Forward estimate $'000	2019-20 Forward estimate $'000
NEW CAPITAL APPROPRIATIONS				
Capital budget - Bill 1 (DCB)	4,539	4,757	4,803	4,845
Equity injections - Bill 2	3,700	-	-	-
Total new capital appropriations	**8,239**	**4,757**	**4,803**	**4,845**
Provided for:				
Purchase of non-financial assets	*8,239*	*4,757*	*4,803*	*4,845*
Total Items	***8,239***	***4,757***	***4,803***	***4,845***
PURCHASE OF NON-FINANCIAL ASSETS				
Funded by capital appropriations (a)	3,700	-	-	-
Funded by capital appropriation - DCB (b)	4,539	4,757	4,803	4,845
Funded internally from departmental resources (c)	6,710	6,461	2,420	-
TOTAL	**14,949**	**11,218**	**7,223**	**4,845**

(a) Includes both current Bill 2 and prior Acts 2, 4 and 6 appropriations and special capital appropriations.

(b) Does not include annual finance lease costs. Includes purchases from current and previous years' Departmental Capital Budgets (DCBs).

(c) Includes the following sources of funding:

- current Bill 1 and prior year Acts 1, 3 and 5 appropriations (excluding amounts from the DCB);
- donations and contributions;
- gifts;
- internally developed assets;
- s 74 Retained revenue receipts;
- proceeds from the sale of assets.

5. Capability

Geoscience Australia cooperates with governments, industry, publically funded research agencies and academia to provide specialist expertise and information to support the delivery of Australian Government services.

Cooperation with state, territory and Commonwealth government entities is largely facilitated through the use of the Australian Government's National Collaboration Framework. Geoscience Australia partners with other government entities in delivering services on a cost recovery basis. Geoscience Australia's decision to partner and co-invest with other government entities is based on delivering mutually beneficial outcomes directly aligned to the organisation's strategic priorities. Services not aligned to Geoscience Australia's strategic priorities may be provided on a full cost recovery basis.

Geoscience Australia's Information Communications Technology vision is to bring together the best of ICT and the best of geoscience and geospatial developments that will deliver optimal outcomes. This vision extends beyond the boundaries of Geoscience Australia to emerging national research and cloud infrastructures that include data, compute, storage, software, networks and people.

To view the full ICT strategy please visit the Geoscience Australia website at http://www.ga.gov.au.

Geoscience Australia's workforce delivers a range of capabilities across science, professional, ICT and administrative disciplines. The integration of workforce planning with strategic planning supports the delivery of outcomes in priority areas

The management of risk within the organisation is in accordance with the *Public Governance, Performance and Accountability Act 2013* and the *Commonwealth Risk Management Policy* and is consistent with AS/NZS ISO 31000:2009 *Risk management – Principles and guidelines.*

The effective application of risk management improves decision making and facilitates better outcomes for the Australian Government.