

**QUEENSLAND RECONSTRUCTION AUTHORITY**

# Monthly Report

**July 2013**

A decorative graphic in the bottom right corner of the page, consisting of several overlapping, radiating lines in various shades of maroon and red, creating a sense of depth and movement.

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*Message from the Chief Executive Officer*

Major General Richard Wilson AO  
Chairman  
Queensland Reconstruction Authority

Dear Major General Wilson

It is with pleasure that I present the July 2013 Monthly Report – the twenty-ninth report to the Board of the Queensland Reconstruction Authority (the Authority).

The Authority was established under the *Queensland Reconstruction Authority Act 2011* following the unprecedented natural disasters which struck Queensland over the summer months of 2010-11. The Authority is charged with managing and coordinating the Government's program of infrastructure renewal and recovery within disaster-affected communities, with a focus on working with our State and local government partners to deliver best practice expenditure of public reconstruction funds.

Following the widespread damage caused by ex-Tropical Cyclone Oswald in early 2013, the jurisdiction of the Authority was expanded by the *Queensland Reconstruction Authority Amendment Bill 2013* to cover this and other disaster events which occurred in the 2012-13 disaster event period, provide the Authority with a stronger focus on community resilience and extend the term of the Authority until 30 June 2015.

The Authority continues to monitor the progress of reconstruction and provide the resourcing and support necessary to build the momentum of reconstruction and enhance the resilience of communities for potential disasters. Whilst maintaining focus on the entire program, the Authority's priorities are currently assisting councils and State agencies close out their completed works for the 2010 disaster period, progress their remaining program of works from the 2011 and 2012 disaster periods and fast-track the progress to reconstruction works from the recent 2013 events.

The July report provides an update on the progress of the total program of works managed by the Authority. The Pipeline of works for events actively managed by the Authority has an estimated program value of \$14.5 billion, of which \$12.0 billion has now been administered comprising:

- \$1.1 billion of works is in 'Works under Assessment';
- \$2.8 billion of works is in 'Works in Market'; and
- \$8.1 billion of works is in 'Works in Progress or Delivered'.

The July report also provides an update on the \$80 million jointly funded program for Betterment projects open to LGAs affected by the 2013 events. The Betterment fund was announced in February 2013 for the restoration or replacement of essential public assets to a more disaster resilient standard than their pre-disaster standard. The July report profiles one of the recently approved Betterment projects - Bucca Road (Bundaberg Regional Council).

The report also provides an update on the progress of the five functional recovery groups established in February 2013 under the Queensland 2013 Flood Recovery Plan (Recovery Plan) in response to the damage impacts of Tropical Cyclone Oswald.

I commend the report to you and recommend its release to the Minister and the public pursuant to Section 41 of the *Queensland Reconstruction Authority Act 2011*.

Yours sincerely



Graeme Newton  
Chief Executive Officer  
Queensland Reconstruction Authority

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**Section one:**  
**Introduction**



# 1.0 Introduction

## 1.1 Background

Queensland has been struck by a series of unprecedented natural disasters in recent years. Between November 2010 and April 2011, extensive flooding caused by periods of extremely heavy rainfall, destruction caused by a number of storm cells including Cyclones Tasha, Anthony and Severe Tropical Cyclone Yasi and subsequent monsoonal flooding, resulted in all of Queensland being declared as disaster affected.

On 21 February 2011 in response to the 2011 disaster events, the Queensland Government established the Queensland Reconstruction Authority (the Authority) under the *Queensland Reconstruction Act 2011*. The Authority's role was subsequently extended to cover historical and continuing disaster events in Queensland and, on 26 September 2012, the State Government announced the initial extension of the term of the Authority's operations to June 2014.

The Authority has since been given responsibility to administer Natural Disaster Relief and Recovery Arrangements (NDRRA) for the large scale natural disaster caused by Tropical Cyclone Oswald in late January 2013 and additional events which have occurred in the 2012-13 disaster event period. The *Queensland Reconstruction Authority Amendment Bill 2013* was passed on 14 February 2013 to expand the jurisdiction of the Authority to include these recent events, provide the Authority with a stronger focus on community resilience and extend the term of the Authority to 30 June 2015.

## 1.2 Purpose

The Authority's mission is **to reconnect, rebuild and improve Queensland communities and its economy.**

The Authority is charged with managing and coordinating the Government's program of infrastructure renewal and recovery within disaster-affected communities, with a focus on working with our State and local government partners to deliver best practice expenditure of public reconstruction funds.

The Authority operates with reference to recovery and reconstruction plans established by the State in response to the 2011 disaster events and more recently following Tropical Cyclone Oswald. The Queensland 2013 Flood Recovery Plan (Recovery Plan), approved on 25 February 2013, provides strategic guidance for the coordination and management of recovery, reconstruction and community resilience activities undertaken across the State after Tropical Cyclone Oswald.

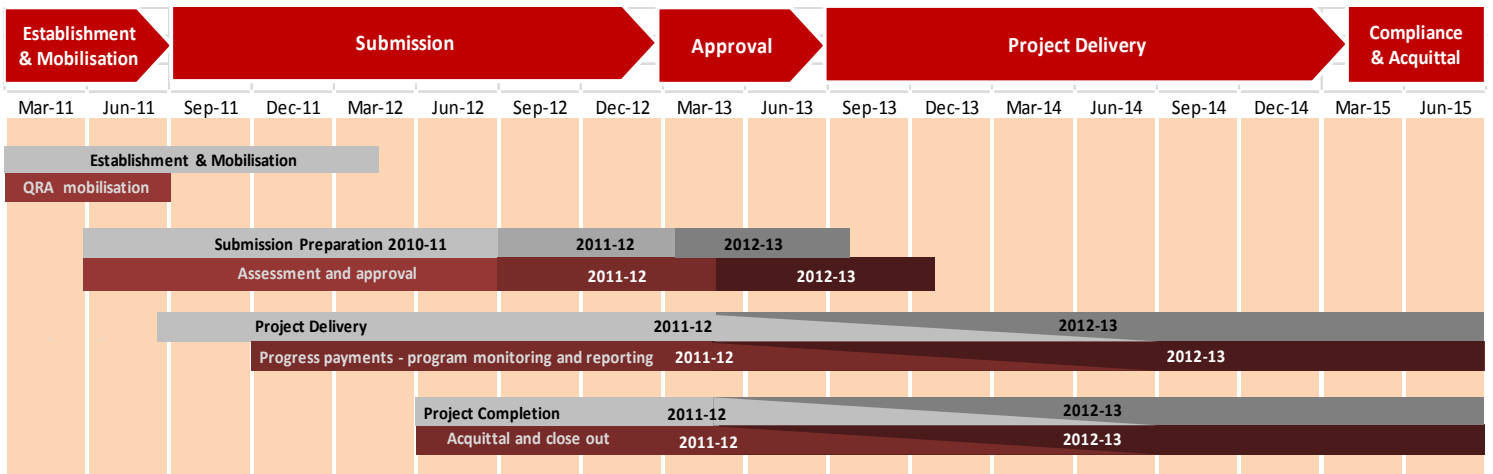
Five functional recovery groups have been established under the Recovery Plan to manage and coordinate recovery initiatives across impacted regions. The Authority provides support to, and reports on progress of the groups against their key tasks with decentralised responsibility for delivery across responsible agencies for each functional recovery group. The functional recovery groups follow from the lines of reconstruction established following the 2011 disaster events, the key tasks of which are now substantially complete.

## 1.3 Timing

The Authority's priorities are currently assisting councils and State agencies close out their completed works for the 2010 disaster period, progress their remaining program of works from the 2011 and 2012 disaster periods and fast-track the progress to reconstruction works from the recent 2013 events.

In relation to the program of works for the 2011 and 2012 disaster periods, the focus of the reconstruction effort has shifted from approving submissions to ensuring project delivery, with the bulk of reconstruction work occurring over the next 12 months.

Following Tropical Cyclone Oswald, the Authority is focusing on streamlining the submission and application approval process and then ensuring project delivery to complete the associated reconstruction work with an emphasis on improving the resilience of communities for potential disaster events.



Source: the Authority at February 2013

**Section two:**  
**Disaster Assistance**

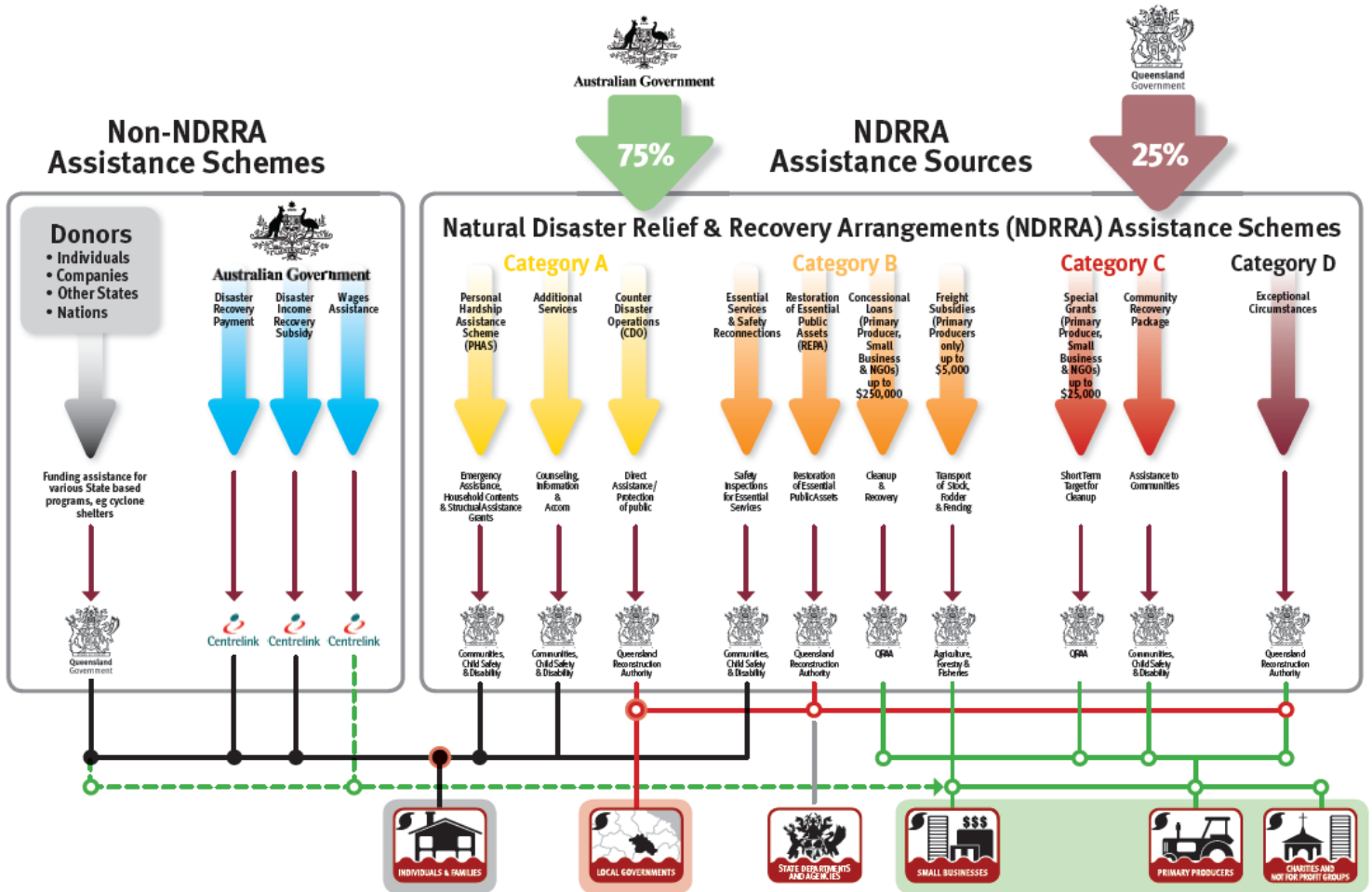


## 2.0 Disaster Assistance

### 2.1 Queensland Disaster Assistance Framework

The available Queensland Disaster Assistance schemes are separated between NDRRA (jointly funded by the Commonwealth and State governments) and Non-NDRRA funding schemes. The diagram below indicates the different elements of assistance available and how each element operates.

Figure 2.1.1 Queensland Disaster Assistance Framework



Whilst elements of the assistance schemes are delivered by other State agencies, all of the NDRRA assistance sources (and elements of the non-NDRRA assistance schemes) are administered by the Authority for historical and continuing disaster events in Queensland.

#### Disaster events managed by the Authority

The list of the activated disaster events managed by the Authority are set out in **Section 3.1** and can also be found on [www.disaster.qld.gov.au](http://www.disaster.qld.gov.au).

This report includes references to event periods described as follows:

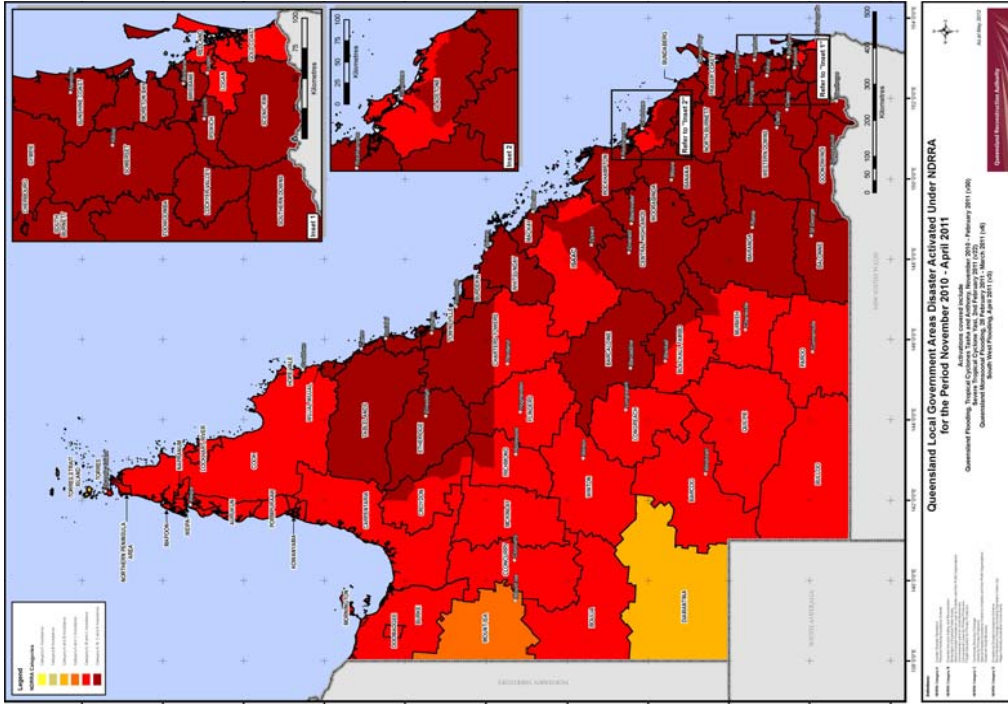
- **2012-2013 events:** Activated disaster events managed by the Authority from **October 2012 to April 2013**
- **2011-2012 events:** Activated disaster events managed by the Authority from **August 2011 to March 2012**
- **2010-2011 events:** Activated disaster events managed by the Authority from **November 2010 to April 2011** including Tropical Cyclone Yasi and Queensland flooding (November 2010 to February 2011)
- **2009-2010 events:** Activated disaster events managed by the Authority prior to November 2010
- **Combined Program:** relates to all the activated disaster event programs managed by the Authority.



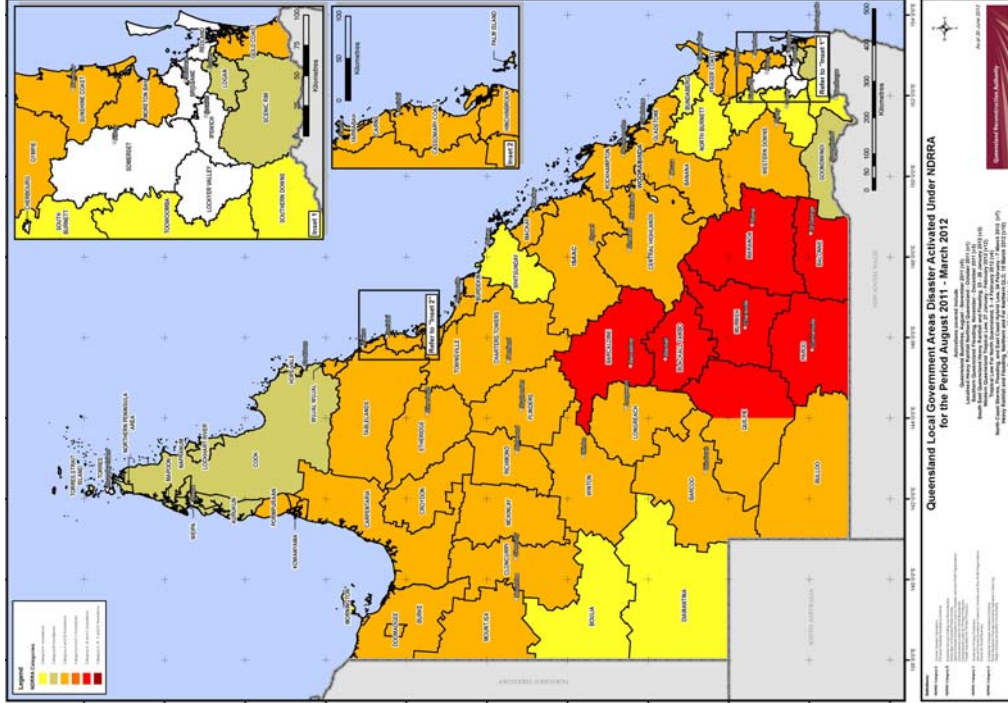
## 2.2 Disaster assistance by event period

The maps below show the LGAs activated for relief measures under NDRRA for each event period managed by the Authority under the Queensland Disaster Assistance Framework.

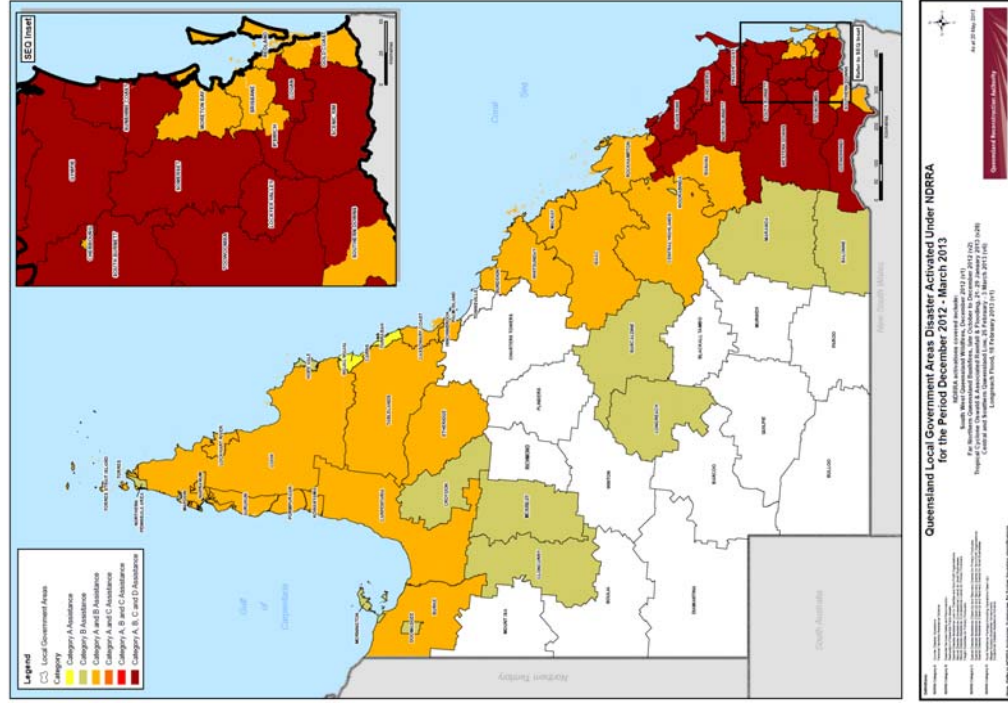
Map 1 - LGAs disaster activated under NDRRA for 2010-2011 events



Map 2 - LGAs disaster activated under NDRRA for 2011-2012 events



Map 3 - LGAs disaster activated under NDRRA for 2012-2013 events



\* Different funding periods exist for each Category type.

## 2.3 Additional assistance measures

The State Government in conjunction with the Commonwealth have activated a range of jointly-funded Category C, Category D and other relief measures to alleviate distress due to the impact of Tropical Cyclone Oswald and the 2011 events. The measures are summarised below:

### 2.3.1 Betterment fund

On 8 February 2013, the Queensland Government signed the National Partnership Agreement (NPA) with the Commonwealth Government which recognised the need for a more streamlined process for the approval of Betterment funding. The Queensland Government announced a \$40 million commitment to Betterment funding which will match the Commonwealth Government contribution, resulting in the establishment of the \$80 million Betterment Fund.

The Betterment fund is available to LGAs that have been declared for NDRRA assistance for Tropical Cyclone Oswald for the restoration or replacement of essential public assets to a more disaster resilient standard than their pre-disaster standard. The intent of betterment is to increase the resilience of communities to natural disasters, while at the same time reducing future expenditure on asset restoration, reducing incidents, injuries and fatalities and improving asset utility during and after natural disasters.

Where a damaged asset is approved as a betterment project, the normal cost of restoring or replacing the asset to its pre-disaster standard will continue to be funded under Category B of NDRRA assistance and the incremental cost to 'better' the asset to a more disaster-resilient standard will be financed from the Betterment fund.

The status of the Betterment fund and profiles of recent approved Betterment projects is set out in Section 4.6 of this report.

### 2.3.2 Other assistance measures

#### Tropical Cyclone Oswald

The following additional Category C, Category D and other relief programs are in place to alleviate distress due to the impact of Tropical Cyclone Oswald:

- **Community Recovery Package - \$5 million** - Funding for community development officers in the hardest hit communities of Bundaberg and North Burnett, support for mental health services and a flexible fund that assists communities to implement engagement and development activities.
- **Clean Up and Recovery program - \$10 million** - Program to assist primary producers to clear debris and restore fencing in the worst affected areas; to maintain workers while income generating activities are reduced and to clear debris from watercourse that poses a hazard to downstream infrastructure and activities.
- **Environmental Recovery program - \$10 million** - Program to fund existing programs to conduct flood specific clean up and soil conservation work following the 2013 flooding.
- **Industry Recovery Officers - \$1.5 million** - Placement of Industry Recovery Officers to assist business and primary producers recover from flooding.
- **Enhanced concessional loans and grants - \$3 million** - Loans of up to \$650,000 (with a grant component of up to \$50,000) are available to applicants that have suffered extreme damage such that the existing concessional loan and recovery grants under NDRRA category B and C are insufficient to support recovery.
- **Rural Financial Counselling Services - \$1.5 million** - Provision of financial planning advice for rural businesses and primary producers to assist in the recovery of local economies following the disaster.

#### 2011 events

- **Queensland Local Council Package - \$315 million** - Funding to help local councils repair utilities and infrastructure, and support their efforts in recovering from the floods and Cyclone Yasi. The package comprises two components: \$265 million to fast-track the repair of damaged infrastructure, including the Strengthening Grantham project, Brisbane ferry terminals and Riverwalk; and \$50 million to contribute to regional and remote councils employing people to perform important clean-up and repair work.
- **Cassowary Coast Support Package - \$15 million** - Funding to restore vital council infrastructure and restore natural vegetation and beach damage in the Cassowary Coast region. Specifically, the Support Package provides for the repair of Dunk Island Jetty, the repair of Clump Point Jetty and the restoration of Cardwell beach foreshore and its natural vegetation.
- **Exceptional Disaster Assistance Scheme** - Concessional interest loans of up to \$650,000, with grant component of up to \$50,000, to eligible businesses, primary producers and not-for-profit organisations that suffered extreme damage.

In addition, the State Government and Commonwealth have agreed to an extended Day Labour Trial, which enables councils to deliver restoration works with their own workforce on condition that they provide evidence of savings in both time and cost.

## **Section three: Framing the Challenge**



## 3.0 Framing the Challenge

### 3.1 Events managed by the Authority

The Authority has responsibility to administer NDRRA relief measures for historical and continuing disaster events in Queensland.

The Authority currently manages and coordinates the infrastructure reconstruction and recovery for 18 disaster events activated for NDRRA relief measures since the Authority's establishment in February 2011 and the remaining program of works for an additional 16 disaster events which occurred prior to the Authority's establishment.

#### 2012-2013 natural disaster events managed by the Authority:

- South West Queensland Wildfires, 21 December 2012
- Far Northern Queensland Bushfires, late October - December 2012
- Tropical Cyclone Oswald and Associated Rainfall and Flooding, 21-29 January 2013
- Longreach Flood, 18 February 2013
- Central and Southern Queensland Low, 25 February - 3 March 2013

#### 2011-2012 natural disaster events managed by the Authority:

- Queensland Bushfires, August to October 2011
- Localised Heavy Rainfall Northern Queensland, October 2011
- Southern Queensland Flooding, November to December 2011
- South East Queensland Heavy Rainfall and flooding, 23- 26 January 2012
- Western Queensland Tropical Low, 27 January to February 2012
- Far Northern Queensland Tropical Low, 3-4 February 2012
- North Coast Queensland Storms and flooding and East Coast Hybrid Low, 24 February - 7 March 2012
- Northern and Far Northern Queensland Heavy Rainfall & flooding, 15 March 2012
- East Coast Low, 22 March 2012

#### 2010-2011 natural disaster events managed by the Authority:

- Queensland Flooding and Tropical Cyclones Tasha and Anthony, November 2010 to February 2011
- Severe Tropical Cyclone Yasi on 2 February 2011
- Queensland Monsoonal Flooding Event, 28 February 2011,
- South West Flooding, April 2011

#### 2007-2010 natural disaster events managed by the Authority that have open submissions for damage:

- South East and North Coast Queensland East Coast Low, August 2007
- South West Queensland storms and flooding, 23-30 November 2007
- Central Western Queensland storms and flooding, 22-30 December 2007
- South East Queensland East Coast Low, 27 December 2007 - 7 January 2008
- Queensland Monsoonal flooding, January 2008
- Queensland Monsoonal flooding, February - March 2008
- South West Queensland flooding, June 2008
- Queensland storms and associated flooding, 16-22 November 2008
- Queensland Monsoonal flooding and Tropical Cyclone Charlotte and Ellie, January - February 2009
- South East Queensland Low, May 2009
- Queensland Bushfires, September – October 2009
- South West Flooding, 20 – 25 November 2009
- Northern, Central and South West Queensland Flooding, 22 December 2009 to 8 January 2010
- Queensland Monsoonal Flooding and Tropical Cyclones Olga, Neville, Ului and Paul, January to April 2010
- South West Queensland Low and Associated Flooding, September 2010
- 2010 South East Queensland Flooding, 9-12 October 2010.

### 3.2 Queensland 2013 Flood Recovery Plan

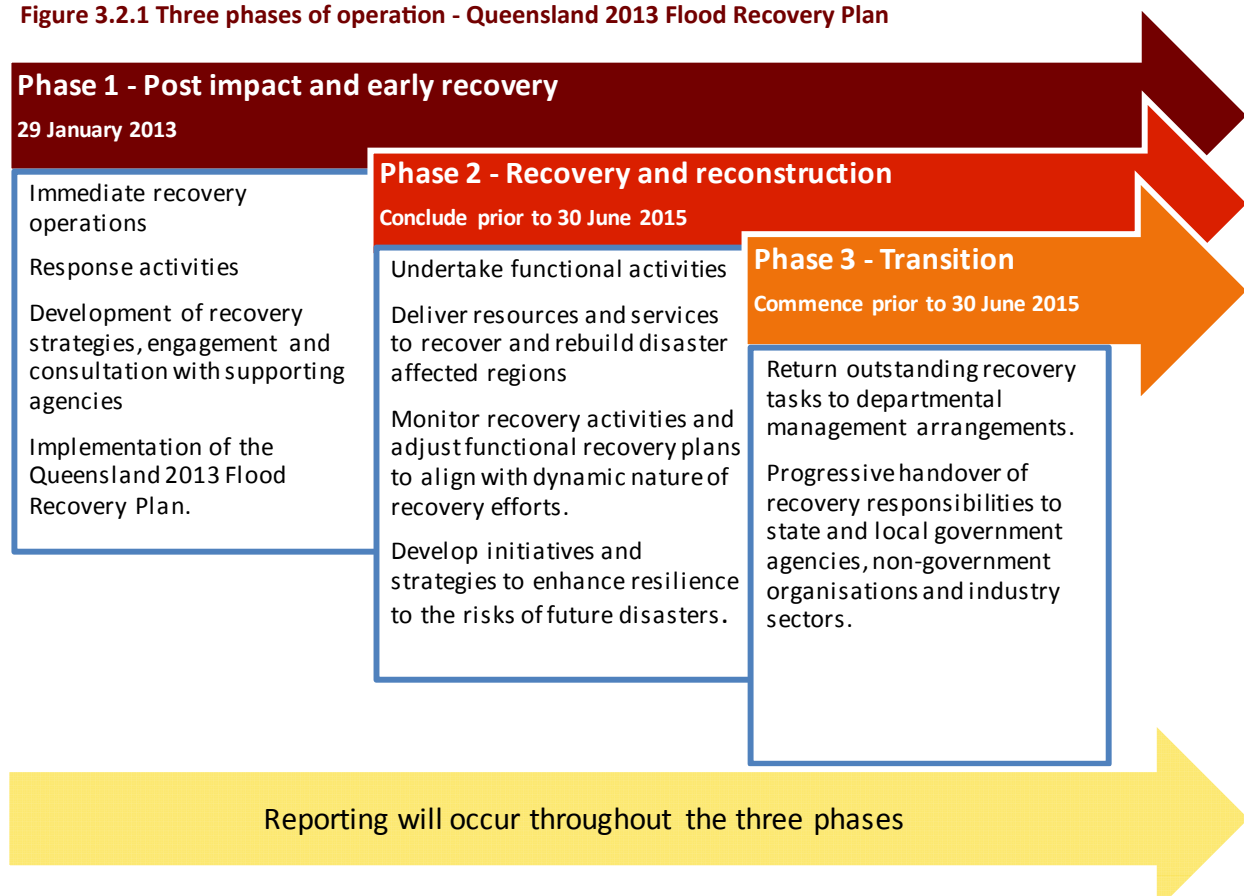
The Recovery Plan has been prepared to set the framework for the recovery from the flood and damage impacts of Tropical Cyclone Oswald. The aim of the plan is to assist affected communities to get back on their feet as quickly as possible while ensuring the effective and efficient employment of limited resources.

The Recovery Plan establishes the context for recovery at the State and local levels of government through setting the governance framework and providing strategic guidance for the coordination and management of recovery, reconstruction and community resilience activities of those areas impacted by Tropical Cyclone Oswald.

The Recovery Plan also sets the context for improved enhancement of resilience and aims to improve the State's ability to withstand, and bounce back from, future natural disaster events.

The plan coordinates the prioritisation and alignment of resources from multiple sources to support the broad range of recovery activities. These activities are being undertaken across three phases as set out in **Figure 3.2.1**.

**Figure 3.2.1 Three phases of operation - Queensland 2013 Flood Recovery Plan**



The Recovery Plan also establishes the structure for recovery activities from Tropical Cyclone Oswald.

Disaster Recovery Coordinators have been appointed to coordinate disaster recovery efforts within the regions most impacted by Tropical Cyclone Oswald:

- Northern Queensland Region— Don Cousins
- Bundaberg/North Burnett Region—Deputy Commissioner Brett Pointing APM
- Southern Queensland Region— Bill Mellor.

The composition of the three regions is set out in **Appendix B**.

Functional recovery groups, led by relevant State agencies, have also been established to effectively manage and coordinate recovery initiatives across impacted regions. The roles and responsibilities of each functional recovery group, together with the key performance metrics used to measure the rate of recovery progress, are set out in the Recovery Plan and summarised in **Section 3.3**.

The Authority provides support to the Disaster Recovery Coordinators and reports on progress of the functional recovery groups against their key tasks.

### 3.3 Functional Recovery Groups

The Recovery Plan provides a broad overview of each functional recovery group's roles and responsibilities and sets out the key performance metrics used to measure each group's progress. An update on the progress of each functional recovery group against their key performance metrics is set out in this section of the report.

#### 3.3.1 Human and social

The Human and Social functional recovery group coordinates the efficient and effective delivery of human and social recovery activities. These activities include the provision of financial assistance and personal support services for individuals, families and communities.

The status of the key metrics being monitored by the Human and Social Recovery Group in relation to the recovery from Tropical Cyclone Oswald has been reported by the group at 20 June 2013 as follows:

Human and social	Metric	Status
1. All Essential Household Contents Grant (EHCG) applications assessed and paid when eligible	Number of grant applications	4,608
	Number of grant applications assessed	4,608
	Number of grant applications assessed as payable and paid	3,527
2. All Structural Assistance Grant (SAG) applications assessed	Number of grant applications	732
	Number of grant applications under assessment or awaiting additional information	199
	Number of grant applications assessed as payable and paid	269
3. All Essential Services Safety and Reconnection Scheme Grant (ESSRSG) applications paid when eligible	Number of grant applications	393
	Number of grant applications under assessment or awaiting additional information	109
	Number of grant applications assessed as payable	182
	Number of grants paid	154
4. Communities are supported by additional 'counselling, other' services	Number of new clients receiving support from NDRRA funded services	Long term support program commences 1 July 2013
	Number of hours of service provision by NDRRA funded services	Long term support program commences 1 July 2013
5. All displaced households seeking housing assistance are assessed for housing need and referred to appropriate housing services.	Number of displaced households seeking housing assistance	652
	Number of households assisted	652
	Number of applications under assessment	0

#### Personal Hardship Assistance Schemes (PHAS)

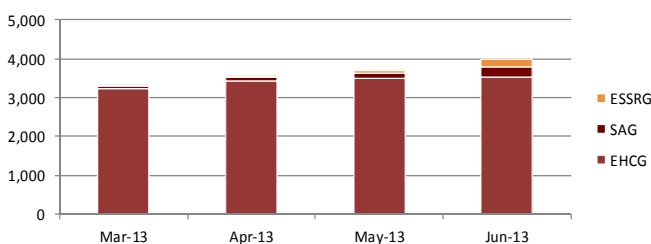
PHAS comprises EHCG, SAG and ESSRSG.

At 20 June 2013, 5,733 applications have been received across the three categories of PHAS. Of these:

- 3,978 have been assessed as payable—**Figure 3.3.1.1**
- 308 are under assessment or unable to be processed until supporting documentation is received from the applicant.

The process for finalising SAG and ESSRSG grants requires site inspection by community recovery officers or qualified tradespeople prior to payment. Based on the current number of applications, processing will be completed for all SAGs by 31 August 2013, and ESSRSGs by 30 September 2013.

Figure 3.3.1.1 Number of PHAS applications assessed as payable



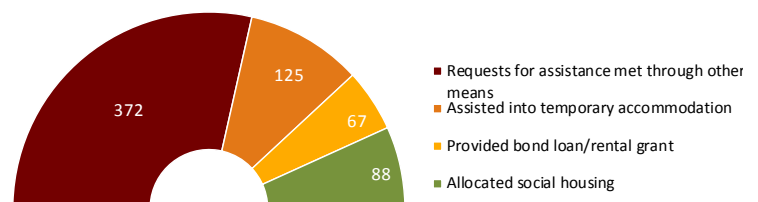
#### Displaced households

Figure 3.3.1.2 shows 652 applications were received from displaced households seeking housing assistance. Of these:

- 280 households have been assisted into temporary accommodation (including 88 households into social housing and provision of bond loans or rental grants to 67 households)
- 366 requests have been met through other means (alternate housing solution found, returned to own home, insurance company assisting)
- no requests are outstanding.

Emergency housing assistance requests are no longer being completed and all new enquiries are now being assessed as normal business.

Figure 3.3.1.2 Displaced households seeking assistance



(Source: DLGCR at 28 June 2013)

### 3.3.2 Economic

The Economic recovery group coordinates the efficient and effective planning and implementation of economic recovery activities. These activities include advice on the economic impacts of current disaster events and the group also provides information on the needs of local government and industry in responding to the events and getting the economy back to full production.

The status of the key metrics being monitored by the Economic Recovery Group in relation to the recovery from Tropical Cyclone Oswald has been reported by the group at 20 June 2013 as follows:

Economic	Metric	Status
1. Coal exports (Coal Export Tonnage)	Data is sourced from the monthly Queensland Coal Transport Report. This report provides an overview of Queensland coal exports and coal transport system performance.	Queensland coal export throughput in May 2013 totalled 16.6Mt, an increase of 14.2% on April 2013, and a 20.6% increase on May 2012. 2012-13 year-to-date coal exports total 162.1Mt, a 7.2% increase on the same period in 2011-12. This is a state-wide measure and so can only be used as a broad indicator of overall health of the economy, rather than reflecting the recovery of specific regional industries. However, the current figures can be considered to represent a solid recovery.
2. NDRRA Financial assistance	Categories and amount of funding approved	Range of Category C and Category D measures activated to alleviate distress due to the impact of Tropical Cyclone Oswald - see <b>Section 2.3</b> . Cat B loan approvals: - \$1.467M to 15 primary producers - \$0.175M to 3 small business Cat C grant approvals: - \$6.508M to 721 small businesses - \$18.571M to 2,480 primary producers - \$0.904M to 99 non-profit organisations Cat D loan-grant approvals: - \$6.582M to 19 primary producers - \$0.970M to 2 businesses - \$0.650M to 1 small business See <b>Figure 3.3.2.1</b>

#### Economic Recovery Initiatives

The Local Government Traineeship Strategy, being delivered by the Local Government Association of Queensland (LGAQ), is underway with a total of 26 councils allocated with 120 traineeship positions. Local Government traineeship contracts have been issued to each individual council and payments of \$1.45 million have been made to 20 June 2013.

The Department of State Development, Infrastructure and Planning (DSDIP) continues to participate in local economic recovery meetings across all of the impacted LGAs and are in regular contact with local government representatives. The departments are also working with Bundaberg Regional Council and Bundaberg Enterprise Centre to continue delivering business continuity workshops in the region.

DSDIP has committed \$30,000 to enable Bundaberg Regional Council to undertake a study to understand the economic impact of the floods. The consultant has been engaged and the secondary data collection is scheduled to run through July.

AgTrends industry forecast updates released in May 2013 indicate that while the floods had significant impacts on particular regions and industries, state agricultural production continues to hold up well.

The Port of Bundaberg welcomed its first sugar ship into port since the January floods on 18 June 2013 (as profiled on page 15).

#### Primary producers

16 Industry Recovery Officers are working through the Queensland Farmers' Federation to help impacted primary producers and businesses across seven industry groups with their recovery planning, and a financial advisor has been appointed to provide financial advice to rural businesses and primary producers.

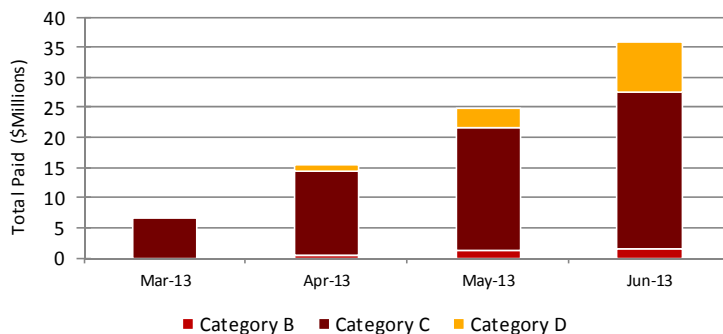
#### Tourism

17 regional Queensland events have been allocated funding under the \$150,000 Events Flood Assistance Program which is providing financial assistance for events that suffered or were cancelled due to the flooding.

#### NDRRA financial assistance

As set out in the table above and **Figure 3.3.2.1** below, \$35.8 million of NDRRA Category B, C and D grants and loans has been provided to 2,514 primary producers, 727 business and small businesses and 99 non-profit organisations.

**Figure 3.3.2.1 NDRRA grants and loans approved - Tropical Cyclone Oswald**



(Source: DLGCRR at 28 June 2013)

### 3.3.3 Environment

The Environment recovery group coordinates the efficient and effective planning and implementation of environment recovery activities. These activities include advice on the measures required to achieve environmental recovery and to monitor and provide advice on current and potential environmental and cultural heritage issues. It also facilitates information exchange and maximises efficient allocation of resources towards recovery. A key focus is to progress strategies to reduce future impacts on the natural environment, in both urban and rural landscapes, focussing on long term resilience and sustainability.

The status of the key metrics being monitored by the Environment Recovery Group in relation to the recovery from Tropical Cyclone Oswald has been reported by the group at 19 June 2013 as follows:

Environment	Metric	Status
1. National parks	National parks affected by this event to re-open for conservation management	266 (45%) affected 265 recovered or partially opened
2. Sewage treatment and water supply	Sewage treatment plants (STP) and water treatment plants (WTP) affected by this event return to compliance with their relevant environmental authorities	122 affected 122 recovered
3. Mining operations	Mining operations affected by this event return to compliance with their relevant environmental authorities.	35 have conducted mine water releases 35 have returned to compliance*

\* returned to compliance with their relevant environmental authority regarding water releases.

#### 1. National parks

266 (45%) of Queensland's national parks, conservation parks, state forests and resource reserves have been affected by the Tropical Cyclone Oswald event. Of these, 124 were subject to closure.

The current estimation of damage costs to national parks is \$6.275 million.

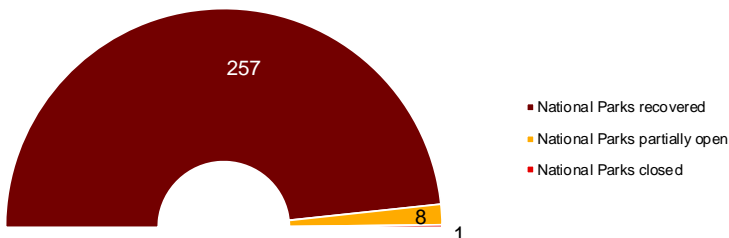
At 19 June 2013:

- 257 (97%) protected areas have been recovered
- 8 (3%) protected areas have been partially opened
- only one protected areas remain closed or is inaccessible.

**Figure 3.3.3.1**

Repairs at the park that remains closed are complete but is restricted from reopening by local road closures. Queensland Parks and Wildlife Service staff are in discussion with council officers as to proposed timeframes for reopening.

**Figure 3.3.3.1 Affected national parks**



#### 2. Sewage treatment and water supply

All 122 sewage treatment plants, water treatment plants and sewage pump stations affected by the Tropical Cyclone Oswald event have now been recovered.

#### 3. Mining operations

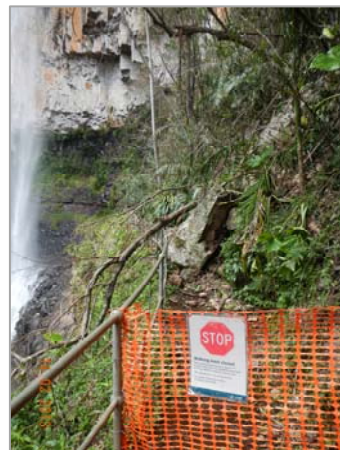
35 Queensland mines have conducted mine water releases as a result of the Tropical Cyclone Oswald event, comprising 28 of the 45 coal mines in the Fitzroy Basin, one mine in the Burdekin and six mines in southern Queensland.

All Temporary Emissions Licences issues have now expired, with all mining operations reverting back to operating under their environmental authorities.

#### Clean-up and recovery program

On-farm productivity contracts and environmental recovery contracts to the value of \$7.94 million and \$6.56 million respectively were executed prior to 30 June 2013.

Remaining funding will be contracted and spent in 2013-14 and 2014-15 financial years.



Above: One of the numerous land slips/rock falls on a walking track in Springbrook National Park.



Above: A tree fall on the walking track network within Tambourine National Park.

(Source: DLGCR at 28 June 2013)



### 3.3.4 Building

The Building recovery group coordinates the efficient and effective information exchange, issues identification and resolution between government agencies, building industry and insurance providers to ensure the efficient and prioritised use of available resources.

The status of the key metrics being monitored by the Building Recovery Group in relation to the recovery from Tropical Cyclone Oswald has been reported by the group at 26 June 2013 as follows:

Building	Metric	Status
1. Provision of immediate and longer-term temporary accommodation	Timely procurement of adequate numbers of accommodation units	On track see below
	Number of displaced households seeking housing assistance	On track see below
	Number of households assisted into temporary accommodation	On track see below
2. Provision of assistance and advice to building client agencies to support the repair and restoration of State public buildings	Number of significantly affected State public buildings and extent of damage <sup>1</sup>	99
	Number of significantly affected State public buildings repaired/restored to service <sup>2</sup>	99
	Significantly affected State public buildings with repairs in progress	16
3. Provision of building advice and information to support the community in its recovery	Building Services Authority (BSA) website updated with factsheets relevant to natural disaster recovery	On track see below
	Regular status updates by Industry Associations to Building Recovery Group (BRG) Sub Committee	On track see below
4. Provision of advice to the recovery supply chain including contractors, subcontractors and material suppliers	Regular status updates by Industry Associations to BRG Sub Committee	On track see below
5. Participation in future planning forums and discussion panels	Regular status updates by Industry Associations to BRG Sub Committee	On track see below

<sup>1</sup> Significantly affected is defined as water 100mm over the floor level or serious structural damage and loss to related assets.

<sup>2</sup> Data provided refers to significantly affected public buildings which include schools and early childhood centres; ambulance, police and fire stations; hospitals; government employee accommodation and social housing.

#### 1. Provision of immediate and longer-term temporary accommodation

The number of displaced households seeking housing assistance is covered in the **Human and Social** section.

Immediate accommodation provided consisted of two fully serviced camps (340 beds) established in the week commencing 27 January 2013. Both camps were closed by 13 March 2013.

Longer term temporary accommodation (approximately 6 to 12 months) was established in the first weeks of the flood event:

- Bundaberg (Finemore Caravan Park) – 77 beds modular units
- Mundubbera (Three Rivers Caravan Park) – 58 beds modular units
- Gayndah (Showgrounds and Riverside Caravan Park) – 22 beds modular units.

All residents temporarily housed at the Finemore Caravan Park have now been rehoused, and work to remove the modular units has been completed.

Temporary housing in Mundubbera and Gayndah is expected to be required for a further 4 to 6 months to as there are limited alternative accommodation options.

#### 2. Provision of assistance and advice to building client agencies

At 26 June 2013, there were 99 significantly affected State public buildings and all 99 had been restored to service (are operational or operating from temporary accommodation) with 16 currently having repairs in progress.

#### 3. Provision of building advice and information

Activities of the BSA have largely returned to business as usual with requests for information, guidance or support now channelled to relevant staff members within BSA for action.

#### 4. Provision of advice to recovery supply chain

Regular status updates have been provided by industry representatives from BSA, Queensland Master Builders Association (QMBA), Housing Industry Association (HIA) and Insurance Council of Australia (ICA). No issues were raised for escalation.

#### 5. Participation in future planning forums

Status updates have been provided by industry representatives from BSA, QMBA, HIA and ICA.

(Source: DLGCRR at 28 June 2013)

### 3.3.5 Roads and transport

The Roads and Transport recovery group coordinates the efficient and effective delivery of road and transport recovery activities. These activities include input to the development of the Roads and Transport Recovery Program, including identifying priorities. The Department of Transport and Main Roads (DTMR) is responsible for delivering the state-controlled roads and transport response, recovery and reconstruction and will engage directly with industry and the community on the recovery and reconstruction phases following the natural disaster.

The status of the key metrics being monitored by the Roads and Transport Recovery Group in relation to the recovery from Tropical Cyclone Oswald has been reported by the group at 31 May 2013 as follows:

Roads and Transport	Metric	Status
<b>1. Damaged state-controlled roads to be reconstructed (kms)</b>	Total length of damaged roads (kms & %)	see below
	Total length of damaged roads under reconstruction (kms)	see below
	Total length of damaged roads reconstructed (kms)	see below
<b>2. Kms of rail line Impacted/damaged rail line</b>	Total length of impacted/damaged lines (kms & %)	3,100 kms (43%)
	Total length of impacted/damaged rail line recovered (kms)	3,100 kms

#### 1. Damaged State controlled roads

DTMR has now completed its road recovery phase, clearing, repairing and reopening roads affected (but not necessarily damaged) by the three natural disaster events since January 2013. Recovery expenditure of \$145.8 million on 2013 events has been incurred to the end of May 2013, of which \$73.4 million was spent in May. The status of this recovery program is discussed in further detail in **Section 5.2 Progress of State-controlled roads and highways.**

In addition, road reconstruction works contracts in relation to the 2013 event which are valued at more than \$101 million are currently being negotiated as extensions to existing contracts. The delivery strategy and progress for works arising from damage in 2013 is:

- extend existing contracts where damage is in close proximity to existing contracts – negotiations have started
- where low complexity but no contractor – select contractors to provide pricing and construction methodology – negotiations over coming weeks
- present tenders to market for more complex projects on Priority 1 roads no later than end August 2013
- present tenders to market for all other roads (taking consideration of delivering remaining damaged works from 2011, 2012 and 2013) by the end of 2013.

The complete reconstruction program of damaged roads requiring more permanent repairs will be finalised after June 2013.

#### 2. Rail network

All 3,100 kms (43% of the total rail network) impacted as a result of the 2013 events have now been recovered.

*Scouring damage at bridge abutments*



*Above: Scouring damage at bridge abutments, Neerkol Creek, west of Rockhampton*



*Above: damage to Clifton Creek Bridge (Brooweena), Fraser Coast*

(Source: DLGCR & DTMR at 28 June 2013)

## Roads and Transport Case example—Bundaberg region First sugar ship vital to Bundaberg's recovery

Bundaberg has welcomed its first commercial ship into its port since the January floods, marking a turning point in the region's economic recovery.

The arrival of the *Celine C*, a 150-metre sugar cargo ship in the Bundaberg Port on 18 June 2013 meant the 2012 sugar crop could now be shipped to market, opening up storage for this year's crop.

The January floods damaged the shipping channel and navigation markers, stranding 180,000 tonnes of last season's sugar crush in storage.

The emergency recovery works completed through to May 2013 enabled the Port to reopen to smaller ships to facilitate the export of the stranded sugar and also free up the storage space within the terminal for the 2013 harvest which commenced delivery in late June 2013.

The completed works represent the first phase of the restoration of the Port. Further works are required to return the port to its normal operating capacity by restoring it to pre-January 2013 clearance depths to again enable access by larger ships.

Maritime Safety Queensland worked around the clock with the Port of Bundaberg to get ships moving through the harbour as soon as possible without compromising the safety of port operations. Queensland Sugar Limited, operator of the Bundaberg Sugar Terminal, fully supported the project.

Recovery works included surveying the port for flood siltation depths and identifying submerged hazards before allowing the port to start dredging operations. Navigation beacons have been completely rebuilt and complex navigation systems vital for guiding big ships safely into the port installed.

Restoration of the Port's infrastructure and the arrival of the *Celine* means this region is open for business again in time for this year's sugar cane crushing season.



Above: Aerial view of Bundaberg and Burnett River in flood.



Above: The *Celine C* from Darwin being loaded with sugar for the first shipment out of Bundaberg since the floods.  
(Image courtesy [www.abc.net.au](http://www.abc.net.au))



Above: Bundaberg Port area open for commercial shipping, June 2013

(Source: DTMR 28 June 2013)

**Section four:**  
**Program Status**



## 4.0 Program Status

### 4.1 Recent developments

The *Queensland Reconstruction Authority Amendment Bill 2013* was introduced into the Legislative Assembly on 13 February 2013 to expand the jurisdiction of the Authority to include Tropical Cyclone Oswald and other events which have occurred in the current disaster event period (2012-13), provide the Authority with a stronger focus on community resilience and extend the term of the Authority until 30 June 2015.

Since the last report, there has been no additional disaster event activations declared for NDRRA financial assistance.

### 4.2 Looking forward

The Authority's priorities are currently on assisting councils and State agencies close out their completed works for the 2010 disaster period, progress their remaining program of works from the 2011 and 2012 disaster periods as well as fast-track the progress to reconstruction works from the recent 2013 events.

In relation to the program of works for the 2011 and 2012 disaster periods, the focus of the reconstruction effort has shifted from the management of applications to program delivery with ongoing monitoring of progress and the countdown to completion of the reconstruction program of works, highlighting high performing areas and success stories.

Following Tropical Cyclone Oswald, the Authority is focusing on streamlining the submission and application approval process and then ensuring project delivery to complete the associated reconstruction work with an emphasis on improving the resilience of communities for potential disaster events.

### 4.3 Combined program progress

At 3 June 2013, the combined program for all events which are managed by the Authority has progressed as follows:

- a cumulative value of \$14.5 billion in submissions have been received, representing an increase of \$0.4 billion since last month
- a cumulative total of \$11.6 billion has been processed (80% of the revised total program) representing an increase of \$0.8 billion since last month
- a cumulative value of \$8.1 billion of the works program is in progress or has been delivered
- funding acquitted for individuals, small business, primary producers and charities and non-profit organisations amounts to \$474.4 million.

Figure 4.3.1 Combined Program Progress



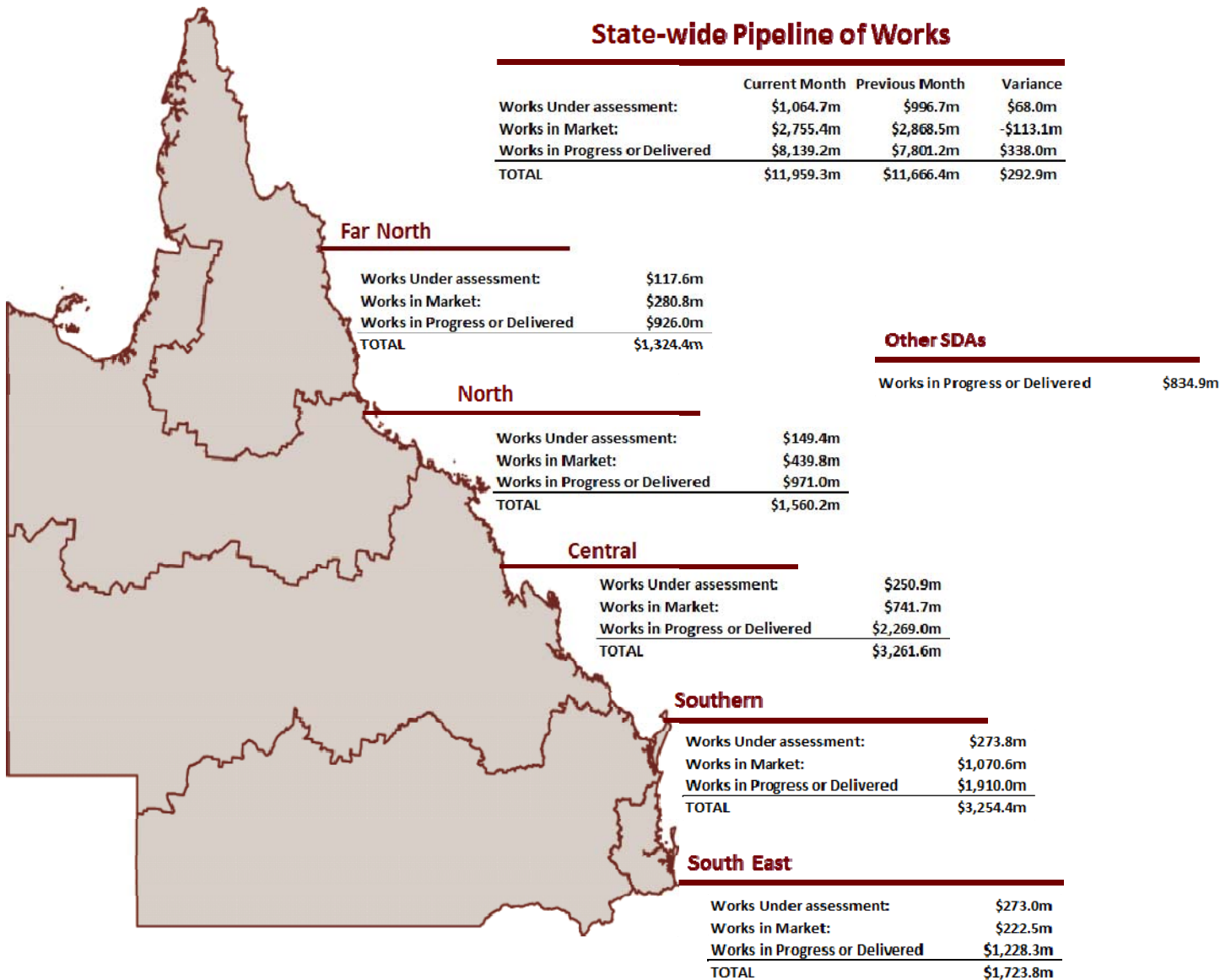
Source: the Authority - 28 February 2013 NDRRA Review & 1 July 2013

## 4.4 State-wide pipeline of works

The Pipeline of works represents the estimated cost of all natural disaster events actively managed by the Authority.

The events of early 2013 are forecast to cost more than \$2.5 billion and adds to the significant costs from other natural disasters impacting the State in recent years. The cost of the 2012 events is estimated to be over \$2 billion and the disasters of 2010-11 are expected to cost more than \$7 billion.

Inclusive of these and earlier events managed by the Authority, the Pipeline of works for all events actively managed by the Authority (2009 to 2013) has an estimated program value of \$14.5 billion, the status of which is set out below.



1. The pipeline represents all open 2009-2013 events with a cumulative value of \$14.5 billion.
2. Additional works may have been conducted but are yet to be reported to the Authority.
3. *Other SDA and non-infrastructure* encompasses SDAs other than DTMR and non-infrastructure NDRRA grants received by the Authority.

Source: DTMR at 31 May 2013; Authority at 1 July 2013

### Pipeline of Works Definitions

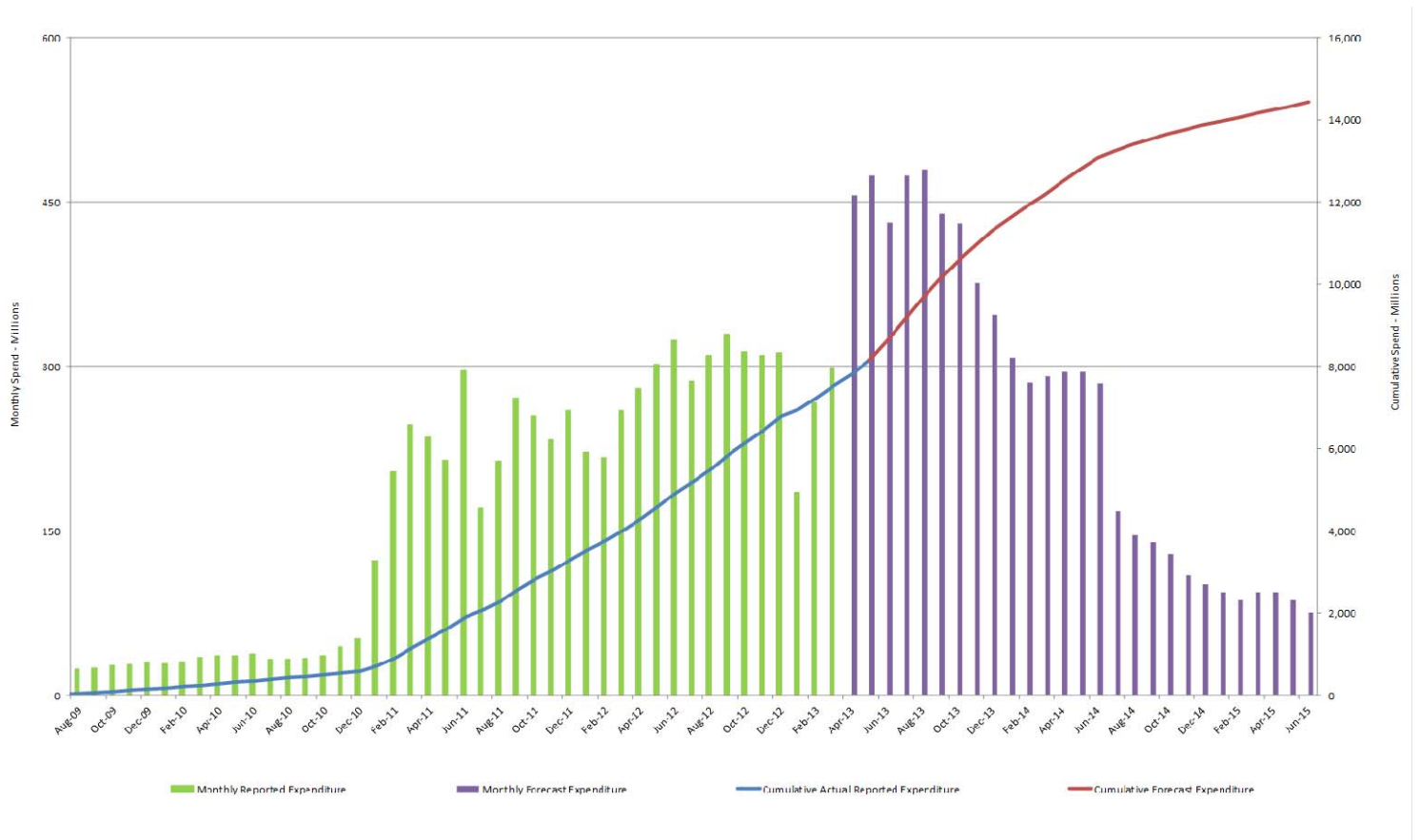
Stage	Description
Works under Assessment	Applications for packages which are currently under assessment by the Authority or are awaiting additional information from the applicant.
Works In Market	Applications for packages which have been approved by the Authority and are in the tender or contract process.
Works in Progress or Delivered	Expenditure as reported to the Authority on packages in progress or delivered.

## 4.5 Program of works expenditure

### Combined program of works expenditure

The figure below represents the monthly expenditure and estimated costs for all events managed by the Authority.

Figure 4.5.1 Combined Program of Works



Source: the Authority - 28 February 2013 NDRRA Review & 1 July 2013

## 4.6 Betterment fund status

The \$80 million Betterment fund is a Category D relief measure available to LGAs that have been declared for NDRRA assistance for Tropical Cyclone Oswald for the restoration or replacement of essential public assets to a more disaster resilient standard than their pre-disaster standard.

### Status

The Betterment Fund was announced in February 2013 following Tropical Cyclone Oswald which caused damage to many of the assets which had been repeatedly damaged and restored from earlier disaster events.

Expressions of Interest (EOI) have been received by the Authority from 48 councils with approximately \$1 billion worth of Betterment projects to improve the resilience of infrastructure to natural disasters.

Based on the prioritised list of EOIs, the Authority has identified Preferred Betterment Proposals, being those projects with the potential to best meet the objectives of Betterment from the available pool of funding.

Relevant LGAs have been invited to submit more detailed information necessary to progress the Preferred Betterment Proposals through to the next stage.

Under the Betterment Framework, in addition to the normal NDRRA submission assessment process, the Authority is considering the financial and non-financial benefits of the betterment proposal such as possible prior damage, loss of availability and its impact on economic or social factors of the community. Where an LGA has a priority or shovel ready project, additional information was able to be supplied in the EOI to accelerate the process to delivery.

### Approvals

As at 28 June 2013, 16 projects with a combined Betterment component of approximately \$5.9 million have been approved.

During June 2013, 12 Betterment projects were approved including:

- upgrades of a number of roadways to increase asset resilience and improve flood immunity in the Fraser Coast region (Fraser Coast Regional Council)
- five projects in the Gympie region to extend or upgrade floodways and culverts to enable local communities to return to normal operations and improve access for emergency services after flood events (Gympie Regional Council)
- enhanced protection and more resilient pavements on damaged areas of Mondure-Wheatlands Road, a bus route and key access road for local residents and producers which was repaired after flood damage in 2011, and then destroyed in the flood events of 2013 (South Burnett Regional Council)
- upgrade Bucca Road, a crucial alternative route between Bundaberg and Gin Gin, which was damaged by excessive overland flow in 2010, 2011 and again in 2013 (Bundaberg Regional Council).

A profile of the Bucca Road Betterment project is provided over the page.



*Above: Damage to sections of Mondure-Wheatlands Road (South Burnett Regional Council)*

Source: the Authority at 1 July 2013

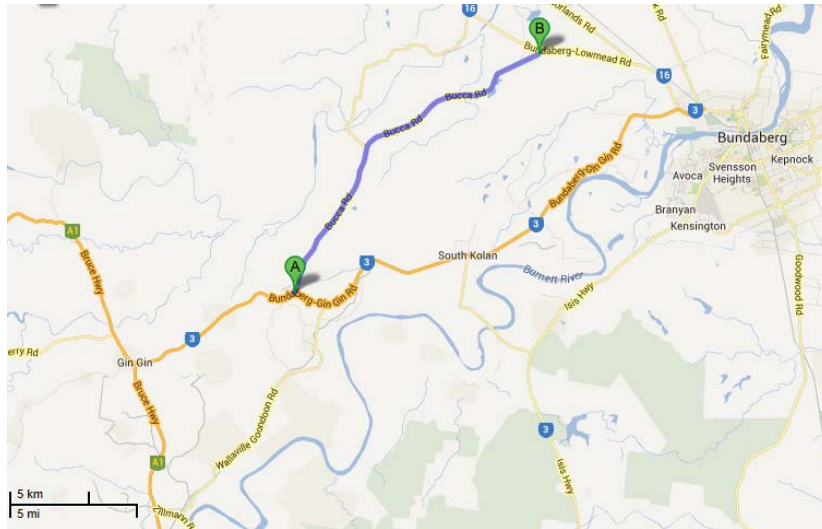


## 4.6 Betterment fund status (continued)

### Feature betterment project: Bundaberg Regional Council Bucca Road

Bucca Road is a 24 km long road servicing rural residential communities between Meadowvale and Bullyard on the outskirts of Bundaberg. The road is an important regional freight route connecting two major State controlled roads, Gin Gin Road and Rosedale Road and is the main alternative route between Bundaberg and Gin Gin in the event of a temporary closure of the Bruce highway.

Bucca Road has two sealed traffic lanes except for some sections totalling 8.4 kms of single lane bitumen with unsealed shoulders.



Above: Bucca Road locality map

Bucca Road was damaged by excessive overland flows in 2010, 2011 and again in the 2013 flood events. Although there is regular damage caused by localised flooding the worst damage occurs when highway traffic from the north, stopped by flooding on those roads, diverts through Bundaberg using Bucca Road. The damage is most severe on the single lane, unsealed sections of the road.

Council's Betterment proposal is to strengthen the pavement and road shoulders on the less resilient sections of the road to withstand the extra traffic loadings experienced in times of flood. Additional culverts will be installed to sections of road which were submerged to improve resilience to localised flooding.

The Betterment works are expected to increase both the immunity and resilience of the road and reduce future damage levels. Improved access for residents, local farmers and emergency services will enable a far quicker return to normal service operation and also enhance the road's capacity to act as an effective and safe alternative traffic route in the result of road closures on the national highway. The quick recovery of service level will also facilitate local freight movement and encourage access to the coastal areas from the western parts of the region.

The Betterment works will be conducted in conjunction with the restoration works required from the 2013 events. The estimated cost of completing the project is \$3.1 million comprising approximately \$1.8 million in reconstruction costs, \$1.1 million in Betterment funding and Council contribution of \$200,000.



Above: showing damage to Bucca Road following 2013 flooding

## 4.7 Iconic projects in reconstructing Queensland\*

Project	Value (\$m)	Description	Status
<b>Palm Island seawall</b>	\$12.3	<p>The Palm Island foreshore provides the focal point for the island's community. It is the location of culturally significant landmarks and memorials as well as the island's community facilities. The seawall in Challenger Bay provides wave dissipation and erosion mitigation.</p> <p>Damage to the seawall occurred as a result of Cyclone Yasi in February 2011.</p>	<p>Council has started the revised program of works and is currently finalising the design of the seawall.</p> <p>Council will begin the process for engaging a lead contractor shortly. Completion is expected in early 2014.</p>



Images above showing damage to sections of Palm Island the seawall following Tropical Cyclone Yasi.

<b>BCC Riverwalk (Cat D)</b>	\$72.0	<p>The Brisbane Riverwalk was a unique pedestrian and bicycle path which linked the city's CBD with the inner suburb of New Farm. It also provided a direct link with tertiary education, entertainment, recreation, commercial, community and residential precincts in the inner city.</p> <p>The floating infrastructure was destroyed by the January 2011 floods and the whole structure was subsequently removed.</p> <p>Following detailed public consultation, the Brisbane City Council decided to replace the previously floating walkway with a fixed, jetty-like 850 metre long structure between New Farm and the CBD. The Riverwalk deck will be approximately 3.4 metres above the average high tide level, high enough to minimise corrosion caused by salt water.</p> <p>The walkway has been designed to be a more flood-resilient structure, design to last 100 years. It will feature 24 hour lighting, separate pedestrian and cyclist paths and shaded rest areas. The design also included a rotating opening span to allow for the passage of vessels to and from moorings. The new alignment will take users further out into the river for most of the walkway to improve the river experience and increase privacy for residents.</p> <p>Funding for the project is being provided through special (Category D) funding under NDRRA arrangements.</p>	<p>The detailed design of the new walkway was completed on 11 December 2012.</p> <p>The tender to rebuild the Riverwalk was awarded to the John Holland Construction Group in April 2013.</p> <p>Significant works on the new walkway are expected to begin in July 2013 and completed by mid-2014.</p>
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Above: damage to Brisbane RiverWalk during January 2011 floods.



Above: BCC Riverwalk replacement - design alignment, CBD to New Farm.



Above: view from opening span (left) and view from mid-length of new replacement Riverwalk (right).



(Images courtesy: [www.brisbane.qld.gov.au](http://www.brisbane.qld.gov.au))

\* Iconic projects represent projects that may be complex or of great significance to the local community.

## 4.7 Iconic projects in reconstructing Queensland (continued)

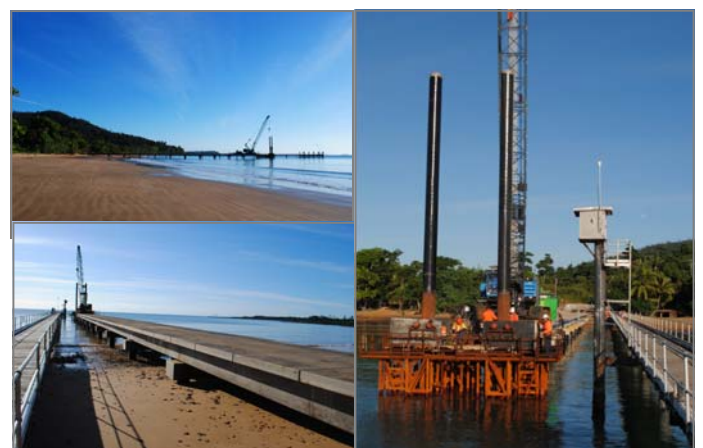
Project	Value (\$m)	Description	Status
<b>Clump Point and Dunk Island Jetties (Cat D)</b>	\$5.5	<p>Mission Beach and Dunk Island are tropical tourist destinations located between Cairns and Townsville. The two jetties provide the departure point to local resort islands and the Barrier Reef and are crucial for reviving the area's struggling tourism industry.</p> <p>Both jetties were severely damaged as a result of Cyclone Yasi in February 2011. \$5.5 million was provided for the restoration of the jetties as part of a \$15 million NDRRA exceptional circumstances package for the Cassowary Coast region.</p> <p>The new jetty at Clump Point is being built just south of the existing structure and will be 170m long and 5m wide to accommodate vehicular and pedestrian traffic. All major components are prefabricated off site and transported to site by truck for installation. The old Clump Point jetty will be demolished as part of the works.</p>	<p>Dunk Island jetty reached practical completion on 29 May 2013 when the jetty was handed over to Council. The jetty is now operational and available for use by the public.</p> <p>Construction of Clump Point jetty is approaching the halfway point with decking for 8 of the total 16 spans now in place. Completion of Clump Point jetty is expected in September 2013, weather permitting.</p>



Above: damaged Clump Point jetty.



Above: Completed works—Dunk Island jetty.



Above: progress of works on the new Clump Point jetty.

<b>Mt Sylvania Road, Upper Tenthill, Gatton</b>	\$6.8 recovery works	<p>Several locations on Mt Sylvania Road, including eight creek crossings, were significantly damaged due to extreme flooding in 2010 and 2011. Reconstruction of the first creek crossing began in November 2011 with four crossings completed in late 2012.</p> <p>During the Tropical Cyclone Oswald natural disaster event in early 2013, sections of Mount Sylvania Road and one reconstructed crossing were damaged by fast flowing floodwaters with the creek changing course from its pre-flood route.</p>	<p>Full access along Mt Sylvania Road was restored in late March and initial recovery works were completed by 3 May 2013.</p> <p>Planning for reconstruction works including design refinement, preparation of contract documentation and stakeholder engagement is currently being finalised.</p> <p>Reconstruction works are expected to commence in August, weather permitting.</p>
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## 4.7 Iconic projects in reconstructing Queensland (continued)

Project	Value (\$m)	Description	Status
<b>Cardwell foreshore (Cat D &amp; Cat B)</b>	\$36	<p>The Cardwell foreshore is an important infrastructure project in North Queensland that combines a range of projects intended to restore social, economic, transport and tourist infrastructure in a community that was severely impacted by Tropical Cyclone Yasi.</p> <p>Funding for the project is being provided as restoration of essential public assets (REPA - Category B) and through special (Category D) funding under NDRRA arrangements. Works at Cardwell will include: the reconstruction of a 1.4km two-lane section of the Bruce Highway known as Victoria Street; works on the foreshore, recreation, picnic, and pedestrian facilities; memorial; a roundabout and formal parking.</p> <p>Works to the Coral Sea Memorial and northern playground include dunal revegetation, landscaping installation and concrete pads to seating areas. Paths will also be constructed around the jetty playground and plaza. See Civil Pty Ltd has been awarded the contract for the Reconstructing Cardwell project.</p> <p>A number of community information sessions have been held and a shop front has been in place since August 2012 for access to information about the project.</p>	<p>Reconstruction of the Bruce Highway is progressing well, with only one section remaining.</p> <p>The rock wall south of the Jetty is almost complete with the works on the beach access stairs and ramps scheduled for the coming month.</p> <p>Play equipment continues to be installed at the playgrounds located on the foreshore.</p> <p>Construction commenced in August 2012 and completion is expected in late September 2013, subject to weather.</p>



Left : Installation of play equipment on Cardwell Foreshore, June 2013.

<b>Riverside Park, Karalee</b>	\$2.25	<p>Located on Settler Way, Karalee, Riverside Park lies along the Brisbane River where the local community can enjoy large expanses of open space within a short distance of Ipswich's CBD. It is a popular picnic and recreational area, partly due to its location near the junction of the Brisbane and Bremer rivers. The Park attracts a high demand for waterside recreation as it has a boat ramp facility and a complex of structures and open amenity areas including car parks, seating and shelter structures and playground. This important community asset is designated as a "District Waterside Park", providing passive and active recreation, including access to the Brisbane River Canoe Trail.</p> <p>The flood event in early January 2011 inundated the park up to nearly 20 metres of water and destroyed almost the entire lower level of the park, including the car park area, infrastructure, shelters, playground and ancillary park equipment.</p> <p>The largest impact of streambank erosion was the destruction of significant sections of the roadway/car park. The built assets and developed vegetation on the lower level of the park were effectively swept away by the flood.</p> <p>The park was further damaged as a result of Tropical Cyclone Oswald in January 2013.</p>	<p>Community consultation &amp; information sessions were conducted in early 2013 and the concept design has now been completed.</p> <p>Tenders have been called to carry out the work which is expected to be completed by December 2013, weather permitting.</p>
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Above: showing Riverside Park before, during and after the 2011 flood event.



Above: damage to Riverside Park.

## 4.7 Iconic projects in reconstructing Queensland (continued)

Project	Value (\$m)	Description	Status
<b>Callandoon Road, Goondiwindi</b>	\$7.3	<p>Callandoon Road crossing is critical for access from properties on the flood plain of the Macintyre River and is an important access route joining cotton and wheat crops to the cotton gin and wheat depot in Goondiwindi.</p> <p>Callandoon Road, including a major culvert crossing of Callandoon Creek about 20kms west of Goondiwindi, was damaged as a result of the 2011 flooding event.</p> <p>Restoration includes major pavement and bitumen repairs including dig outs, insitu stabilisation and shoulder repairs throughout a large majority of the road. Works began in September 2011. The road was again affected by flooding of the Macintyre River in Nov/Dec 2011. Work resumed in Feb 2012, although additional rain delayed work once again.</p> <p>Much of Callandoon Road was inundated during the 2013 flood event but the road has reopened after debris was cleared, revealing minor damage to pavement near the end of the road. Damage is mostly limited to the shoulder of the road that was exposed to extended inundation. The first creek crossing along Callandoon Road consists of three large box culverts which were also inundated for a significant amount of time.</p>	<p>All the works from the January 2011 flood event on Callandoon Road have been completed.</p> <p>The road has suffered some minor pavement &amp; shoulder damage in two subsequent flooding events but the repair works held up well.</p> <p>The major culvert structure on Callandoon Creek has opened up between two crown units and Council is currently awaiting on a structural assessment to determine the most suitable course of action to repair.</p>



Images above showing damage and repair to the culvert on Callandoon Road.



Above: damage from 2013 flooding of culverts on Callandoon Road.

## **Section five: Progress Reports**



## 5.1 Progress of LGAs and DTMR by region (See Appendix A LGA by region map)

### 5.1.1 Far North Queensland

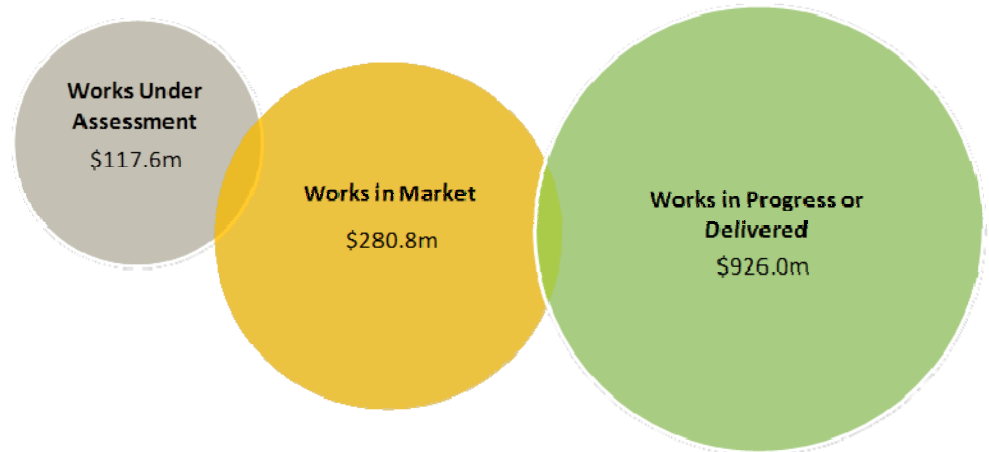


Diagram representing progress - Far North Queensland

#### Case example: Tablelands Regional Council

<b>Project:</b>	Bilwon Road
<b>Location:</b>	<p>Bilwon Road runs north-east from the township of Biboohra on the Mulligan Highway, approximately 9 kms north from Mareeba in the Atherton Tablelands.</p> <p>Bilwon Road crosses the Barron River at the edge of the town and is the main access route for residents and rural businesses to the north-east of the township. The Biboohra area is an area rich in agriculture including coffee, exotic fruit, sugar cane and mangoes.</p> <p>Bilwon Road was damaged in several locations following the flooding and tropical cyclone events in 2011.</p>
<b>Type of works:</b>	<p>Bilwon Road was damaged as a result of traffic loading on the saturated pavement, resulting in rutting and pavement deformation.</p> <p>Restoration works included rehabilitation of the majority of sites by boxing out the damaged pavement and placing two layers of gravel and sealing with bitumen seal. Some sites also required desilting and the placement of rock backfill as erosion protection. Silt and debris was removed at culverts and floodway crossings and drainage paths were restored.</p>
<b>Estimated value:</b>	\$1.9 million
<b>Progress:</b>	Works commenced in July 2012 and were completed in June 2013.



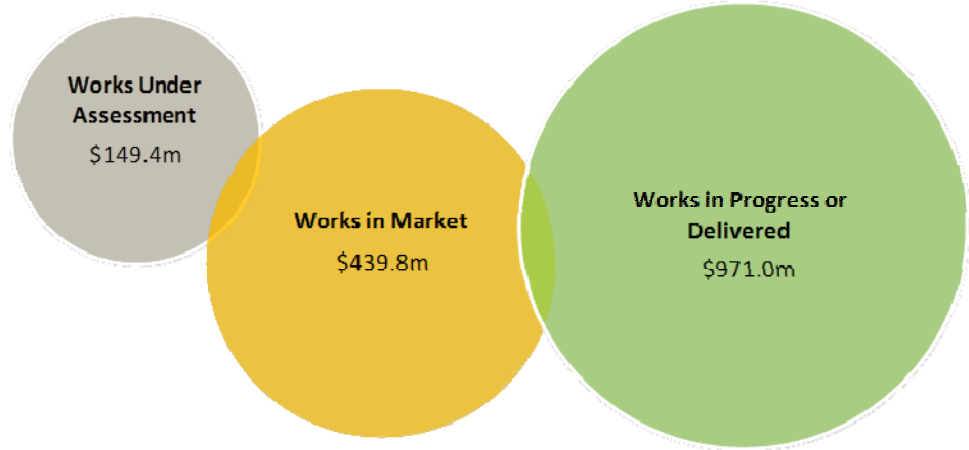
Above: damage to sections of Bilwon Road.



Above: completed works on sections of Bilwon Road.

## 5.1 Progress of LGAs and DTMR by region

### 5.1.2 North Queensland



*Diagram representing progress - North Queensland*

#### Case example: Townsville City Council

<b>Project:</b>	Horseshoe Bay Boat Ramp, Magnetic Island
<b>Location:</b>	<p>Horseshoe Bay is situated on the north side of Magnetic Island, a popular tourist destination, residential outpost and significant conservation area just off the coast of Townsville. Magnetic Island is part of the Great Barrier Reef World Heritage Area and just over half of the island's 5,184 ha is protected as national park.</p> <p>Horseshoe Bay is the largest bay on the island and has a boat ramp providing safe access for tourism operators and private vessels as well as an access point for emergency services and other government agencies to the significant marine waters and reefs surrounding the island which are protected within the Great Barrier Reef Coast Marine Park and the Great Barrier Reef Marine Park.</p> <p>The eastern side of the Horseshoe Bay boat ramp was destroyed beyond practical repair due to the cumulative effects of cyclonic winds, sea swells and storm surge as a result of heavy rainfall and flooding event in March 2012.</p>
<b>Type of works:</b>	<p>Restoration works include the removal of existing materials, support beam excavation, filling the boat ramp area to subgrade, installing an insitu concrete centre beam including waterproof polythene membrane, concrete ramp and the supply and placement of rock protection.</p> <p>Works were timed to coincide with low tides to allow easy access to the site and the boat ramp was reduced to one lane during this time.</p>
<b>Estimated value:</b>	\$0.6 million
<b>Progress:</b>	Restoration works were completed in June 2013 with the first stage of repairs to the ramp having been completed in 2012.



*Above: showing damage to Horseshoe Bay boat ramp, Magnetic Island.*



*Above: Completed works at Horseshoe Bay boat ramp, Magnetic Island.*



## 5.1 Progress of LGAs and DTMR by region

### 5.1.3 Central Queensland

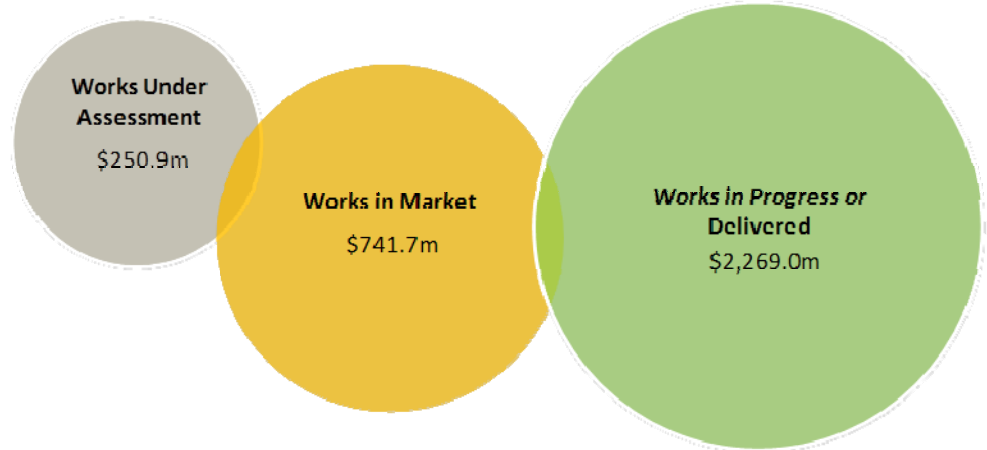


Diagram representing progress - Central Queensland

#### Case example: Gladstone Regional Council

<b>Project:</b>	Boyles Road, West Stowe
<b>Location:</b>	Boyles Road is a rural access road located near the suburb of West Stowe, approximately 23 kms inland from the city of Gladstone and surrounded by conservation parks and State forests.  The gravel road principally provides access to local residents from Calliope River Road which links the Bruce Highway to Yarwun. The road includes table drains along both sides of the road, culverts and floodways.
<b>Type of works:</b>	The table drains on both sides of the road, culverts and floodways along various parts of a 7.5 kilometre section of Boyles Road suffered varying degrees of damage as a result of the effects of flooding and Tropical Cyclones Tasha and Anthony between November 2010 and February 2011.  Reconstruction works included reshaping of table drains adjacent to the roadway, clearing of silt and cleaning of blockages, reinstatement of rock protection, scour fill, bulk clearing, replacement of head/end wall and stabilisation and resurfacing with spray seal.
<b>Estimated value:</b>	\$0.6 million
<b>Progress:</b>	Works reached practical completion by November 2012.



Above: damage to sections of Boyles Road.



Above: completed sections of Boyles Road.

## 5.1 Progress of LGAs and DTMR by region

### 5.1.4 Southern Queensland

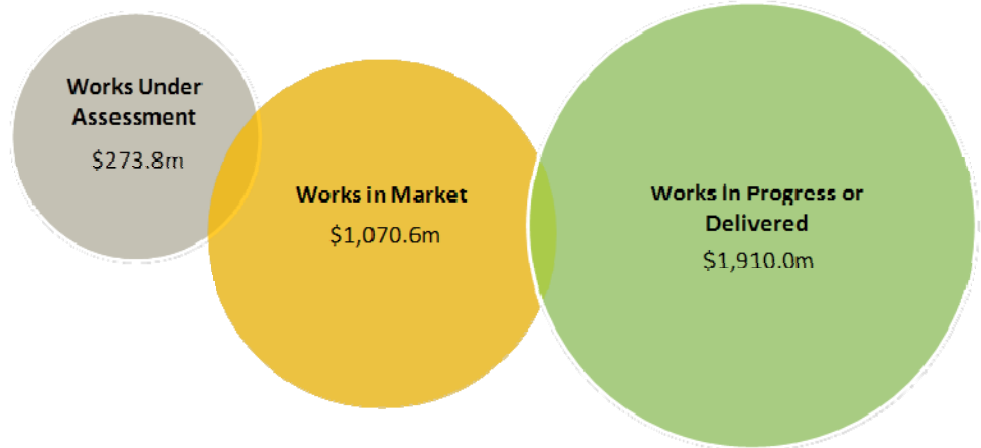


Diagram representing progress - Southern Queensland

#### Case example: Gympie Regional Council

<b>Project:</b>	Traveston Road
<b>Location:</b>	Traveston Road connects the townships of Traveston and Cooran with the National Highway A1. Gympie is approximately 25kms north of Traveston and is a strong, growing regional centre providing linkages between the south-east and the north. Surrounding areas consist of timber plantation and native forests. It has a strong manufacturing base and agricultural sector.
<b>Type of works:</b>	Traveston Road suffered flood inundation damage as a result of flooding associated with rain events between November 2010 and February 2011. The damage affected safe access along the important arterial road.  Restoration works included cement stabilisation to the existing pavement and application of a two coat bitumen seal to several sections of Traveston Road.
<b>Estimated value:</b>	\$0.43 million
<b>Progress:</b>	Completed in September 2012.



Above: showing damage to sections of Traveston Road.



Right: Completed works on a section of Traveston Road.

## 5.1 Progress of LGAs and DTMR by region

### 5.1.5 South East Queensland

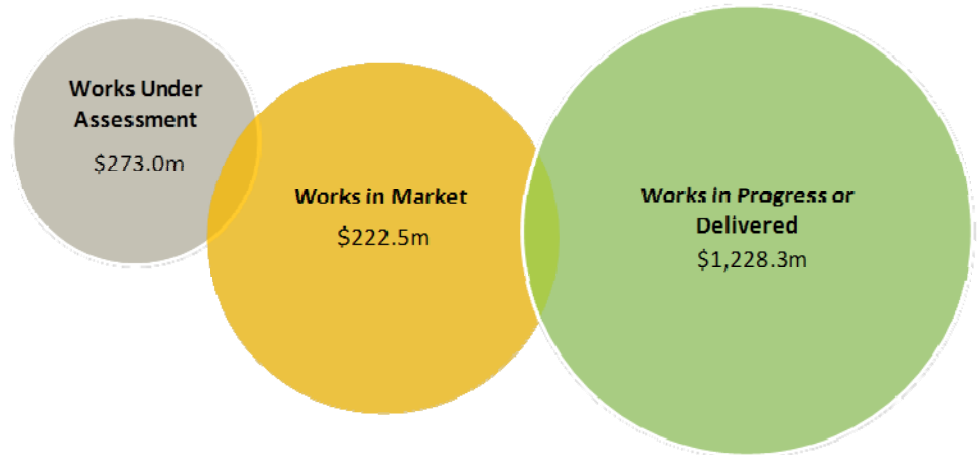


Diagram representing progress - South East Queensland

#### Case example: Somerset Regional Council

<b>Project:</b>	Sandy Creek Road
<b>Location:</b>	<p>Sandy Creek Road runs off the D'Aguilar Highway just west of the rural town of Kilcoy in the Somerset Region. The region is known for its lakes at Wivenhoe, Somerset and Atkinson Dams which attract locals and visitors for camping, fishing, boating and picnics. Many Kilcoy residents are employed servicing the surrounding pastoral area.</p> <p>Sandy Creek Road crosses Sandy Creek at several locations and was affected by flooding and tropical cyclones between November 2010 and February 2011. One of the crossings at Hubner's Bridge, 10.5km from the D'Aguilar Highway, was completely washed away in the floods of January 2011.</p> <p>The bridge's closure affected access for some 100 locals who rely on the crossing for access in and out of town.</p>
<b>Type of works:</b>	<p>Hubner's Bridge, a three span timber bridge over Sandy Creek, was destroyed by high water flows and landslides at the approaches, making it impassable.</p> <p>Reconstruction works included the replacement of the entire bridge and its approaches, involving the removal and disposal of timber structures and bitumen.</p>
<b>Estimated value:</b>	\$1.4 million
<b>Progress:</b>	Completed - September 2012



Above: The crossing at Hubner's Bridge on Sandy Creek during the 2011 flooding events.



Above: completed works to Hubner's Bridge on Sandy Creek Road and approaches.

## 5.2 Progress of State-controlled roads and highways

### The current state of activity:

- **Roads** – at 28 June 2013, there were 50kms of Queensland’s state-controlled roads closed or with limited access. To 31 May 2013, 4,721 kms of roads have been reconstructed representing 55% of the total to be reconstructed under the Transport Network Reconstruction Program (TNRP) as a result of natural disasters in 2010, 2011 and 2012. The current dry period is providing all TNRP delivery agents with a good opportunity to deliver reconstruction works with minimal impact by wet weather.
- **Rail** – 3,100km (43%) of Queensland Rail lines were closed due to the natural disaster events in early 2013, and all have been recovered and services resumed.
- **Maritime** – repairs are required to boating infrastructure including jetties following Tropical Cyclone Yasi in 2011. Natural disasters during 2013 damaged or destroyed 348 aids to navigation of which 264 were recovered and 18 temporarily fixed by 31 May 2013. A key achievement during June 2013 was the completion of dredging in the Bundaberg River and reopening of the Bundaberg Port for commercial cargo ships (refer page 15 for a case study overview of the Bundaberg Port works).

The official emergent/recovery works phase for the 2012/13 summer has now ended. DTMR’s reconstruction program as a result of the natural disasters of 2013 is currently being finalised and will be reported in future reports.

### Key achievements:

- During May 2013, DTMR expended \$233.0 million on recovery and reconstruction works. Of this, \$159.6 million was spent on reconstruction works from the 2010 to 2012 disaster event periods and an additional \$73.4 million was spent on recovery works from the 2013 events.
- The cumulative spend on the TNRP to 31 May 2013 is \$3.82 billion for works resulting from the 2010 to 2012 disaster periods\*, consisting of \$548 million on recovery works and \$3.27 billion on reconstruction works. An additional \$145.8 million has been spent to 31 May 2013 on recovery works from the recent 2013 events.
- Since the commencement of the TNRP, projects valued at \$5.31 billion have been sent out to market and contracts for projects valued at \$4.75 billion have been awarded while contracts for projects totalling \$2.58 billion are now complete\*.
- There was 245 kms of damaged roads reconstructed in May 2013.
- Construction commenced on 20 projects valued at \$75 million in May 2013 including works valued at \$27.4 million on the Warrego Highway between Ipswich and Toowoomba and a \$2 million project on the Bruce Highway (Bowen to Ayr).
- In addition, road reconstruction works contracts in relation to the 2013 event which are valued at more than \$101 million are currently being negotiated as extensions to existing contracts.
- The North Coast region now has 37 projects across 36 kilometres of road in their scope, of which approximately 20 kilometres has been reconstructed including two of the three bridges that needed to be rebuilt.
- The Wide Bay Burnett region experienced inclement weather during May 2013 hindering progress primarily to primer seals on reconstruction works. Despite this, the region completed 34 kilometres of reconstruction works during the month and has now completed 232 kilometres of works arising from natural disasters in 2010, 2011 and 2012.
- The Central Queensland region managed to retain a stand of protected Ooline or Scrub Myrtle (*Cadellia pentastylis* - see photo on right), a dry rainforest tree dating back to the Ice Ages. The clearing was able to be limited to vegetation around the endangered species and only required 0.08 hectare of regional ecosystem to be removed which will minimise costs for the project as well as being a positive environmental outcome.



Above: Bruce Highway (Gin Gin to Benaraby) granular overlay in progress prior to cement modification.



Above: Samford-Mt Glorious Road (site 3) – 30 tonne excavator on berm and clear zone behind concrete barriers



Right: Ooline or Scrub Myrtle (*Cadellia pentastylis*)

(Source: DTMR 28 June 2013)

\* excludes spend on Maritime infrastructure

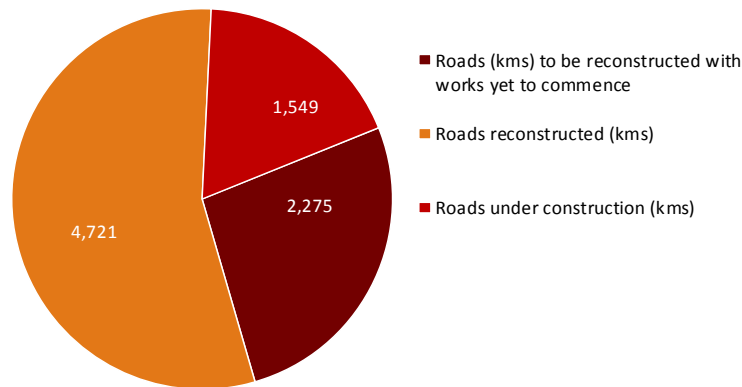
## 5.2 Progress of State-controlled roads and highways (continued)

### Reconstruction of damage

DTMR's reconstruction program as a result of the natural disasters of 2013 is currently being finalised. Reporting on scope and cost of reconstruction works from 2013 events will be provided in future reports.

DTMR plans to reconstruct 8,545 kms of roads damaged as a result of natural disasters in 2010, 2011 and 2012. Of these roads, 4,721 kms has been reconstructed representing 55% of the total kilometres to be reconstructed. A further 1,549 kms of road is under construction on active works contracts. *See Figure 5.2.1 and TNRP Summary map.*

**Fig.5.2.1 Roads Damaged/Reconstructed following natural disasters in 2010, 2011 & 2012**



The status of road recovery and reconstruction contracts at 31 May 2013 is:

- \$2.581 billion of projects have been completed for both recovery and reconstruction works (excluding maritime infrastructure) for works resulting from the disaster periods of 2010 to 2012 as follows:
  - \$548 million worth of projects are completed for recovery works;
  - \$2,033 million worth of projects are completed for reconstruction works;
- An additional \$145.8 million has been spent on recovery works from the recent 2013 events.
- \$2,170 million of reconstruction works are currently underway;
- \$423 million in reconstruction works tenders are currently being assessed for approval;
- \$137 million of reconstruction works contracts are out to tender; and
- \$180 million of reconstruction works projects are being prepared to go to market in the next month.

*Note: these values include costs to reconstruct works from damage caused by events in 2010, 2011 and 2012. Reporting on scope and cost of reconstruction works from 2013 events will be provided in future reports following finalisation of DTMR's reconstruction program for 2013 events.*

(Source: DTMR 31 May 2013)

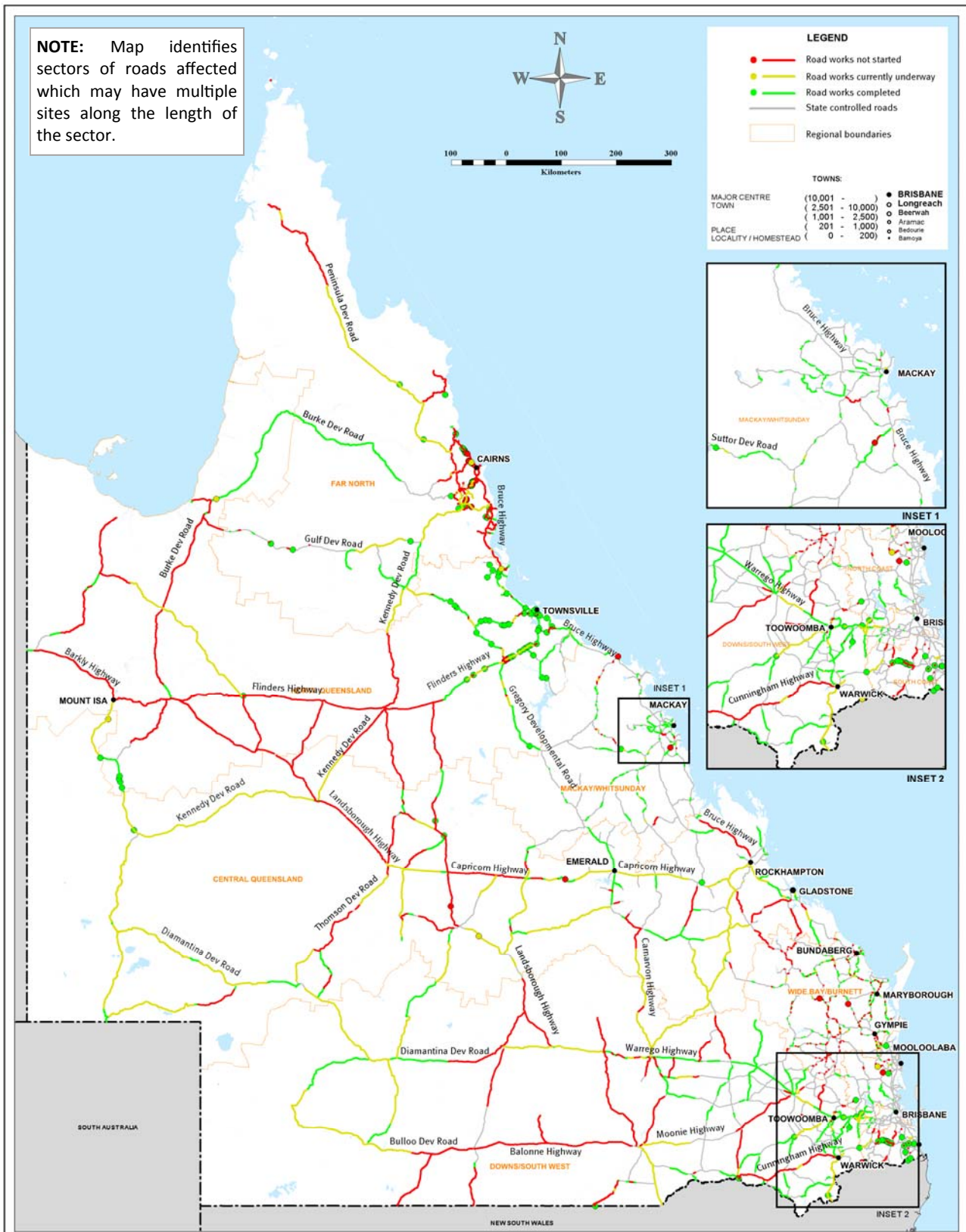


Above: construction works completed—Landsborough Highway (Morven to Augathella)



Above: Piling on the east bank of John Muntz Bridge - Tamborine Oxenford Road, May 2013.

**Transport Network Reconstruction Program  
(TNRP - Summary of Reconstruction Works - May 2013  
excluding impact of Tropical Cyclone Oswald and subsequent events)**



**NOTE:** Map identifies sectors of roads affected which may have multiple sites along the length of the sector.



**LEGEND**

- Road works not started
- Road works currently underway
- Road works completed
- State controlled roads
- Regional boundaries

**TOWNS:**

MAJOR CENTRE	(10,001 - )	● BRISBANE
TOWN	( 2,501 - 10,000)	○ Longreach
	( 1,001 - 2,500)	○ Beerwah
PLACE	( 201 - 1,000)	○ Aramac
LOCALITY / HOMESTEAD	( 0 - 200)	○ Bedoune
		○ Bamaya



Branch/Unit : <b>TNRP Mapping Section</b>
Projection/ Datum : Geocentric Datum of Australia (GDA) 1994, Lat/Long
File location : Q:\08 Field Implementation\06-04 GIS\TNRP_Mapping_Application\Monthly_Reports\PB_Tables\May\TNRP_GL_SummaryReconstructionWorks.wor

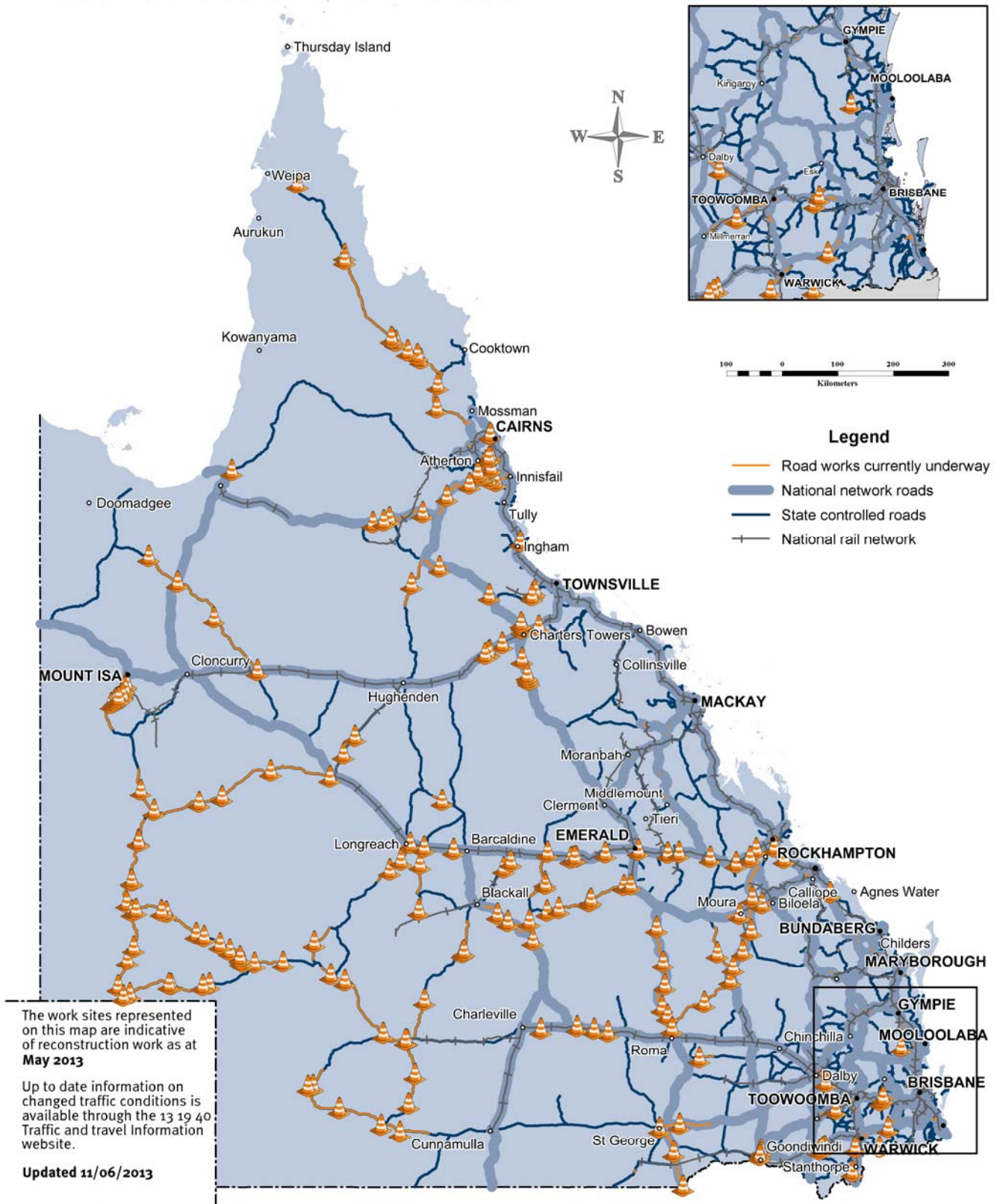
**QUEENSLAND  
Transport Network Reconstruction Program  
(TNRP)**

**Summary of Reconstruction Works  
May 2013**

Transport and Main Roads		
Plan No/ Job No:	Issue: <b>A</b>	Date: 11/06/2013
Drawn by: TNRP Automation	Checked by:	

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# Reconstruction work sites



The work sites represented on this map are indicative of reconstruction work as at **May 2013**

Up to date information on changed traffic conditions is available through the 13 19 40 Traffic and travel Information website.

**Updated 11/06/2013**



## 5.3 Communications

The Authority is focused on building stakeholder confidence in the reconstruction by ensuring consistent and regular communication of public information.

### 5.3.1 Communicating progress

#### Media analysis

There has been a total of 272 media items from 1 to 30 June (177 print – 65%, 22 TV – 8%, 73 radio – 27%), which reached a cumulative audience of over 7.4 million people with the focus this month being on council recovery, flood recovery, and betterment funding for those regions hardest hit by the 2013 event.

June media coverage saw mentions for those regions still recovering from the 2013 event. There was good coverage of successful Betterment Fund projects in Gympie and Fraser Coast, as well as the opening of the Cutten Brothers Walking track at Mission Beach. There was also coverage of Betterment projects in regional media including the Gympie Times, Fraser Coast Chronicle, Innisfail Advocate and Bundaberg News Mail.

There was also substantial coverage of Minister Crisafulli’s announcement of flood funding being streamlined from three separate programs into one to allow Councils quicker access to money for flood mitigation and resilience projects in their local communities.

#### Engagement activities

- **Major General Wilson** presented at the National Climate Change Adaptation Research Facility (NCCARF) 2013 Conference about 'Climate Adaptation Knowledge + Partnership' on 26 June 2013.
- **Minister for Local Government, Community Recovery and Resilience David Crisafulli** visited the Port of Bundaberg on 19 June 2013 to announce the restoration of the Port’s infrastructure by welcoming its first sugar ship since the January floods and marking a turning point in the region’s economic recovery.

#### Communications

There are a number of methods available to the public to communicate with the Authority.

The Authority’s website provides information to the public and continues to be enhanced with ongoing updates, including the launch of the public Flood Information Portal. There have been a large number of visits to the website since it was launched on 18 February 2011.

At 30 June 2013, total website visits amounted to 328,194 - an increase of 2.6% since last month. *(See Figure 5.3.1)*

In June, the Authority received an additional 81 calls to its dedicated hotline and 436 additional pieces of written correspondence were received. *(See Figure 5.3.2)*

Fig. 5.3.1 Website traffic

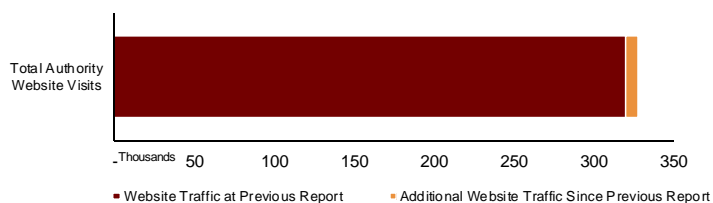
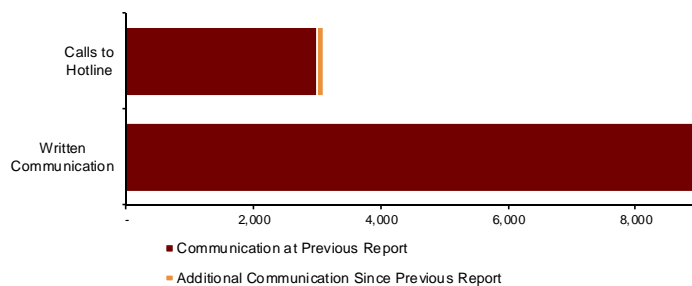


Fig. 5.3.2 Communications



(Source: the Authority at 30 June 2013)



Courier Mail, 20 June 2013



SUGAR HIGH: Farmer Tony Castro and MP David Crisafulli celebrate Bundaberg's first ship-load of sugar since the January floods.

**Sweet relief for Bundy cane farmers**

Brittany Vonow  
IT'S the sweetest milestone for Bundaberg as the city rebuilds after its worst floods in a century. The first ship to leave Bundaberg with a sugar cargo was loaded yesterday and should reach Mackay today.  
The sugar city was ravaged by floods in January. Port manager Jason Pascoe said there had been "unprecedented" damage to the port that prevented ships access.

"I think everyone will be buoyed that we have our port open," he said.  
"It's a huge boost in confidence for our community, who rely on this port to get their product to market."  
There are around 350 cane growing families around Bundaberg and the port's closure meant 18,000 tonnes of last year's sugar crops were forced into storage sheds.  
With sugar crushing to start on Monday, the port was desperate to clear the remaining sugar to make room for the crop.  
Queensland Sugar Limited operations general manager Damian Ziebarth said the first ship was the most important.  
"We'll see what the conditions are and we may be able to get a larger ship in," he said.  
Queensland Community Recovery minister David Crisafulli said it had taken Bundaberg four months to get \$40 million in disaster rebuilding work to market.

**Landmark funding: \$124m earmarked, with \$100m from state and fed govts  
\$68m roadworks start soon**

MAJOR post-flood repairs to the region's roads could get under way within weeks, Bundaberg Regional Council announced a landmark \$124 million roads program in its 2013-14 budget, and is getting it under way.  
Of the \$124 million total, \$100 million will be provided by the state and federal governments through the National Disaster Relief Arrangements (NDRA). The remaining \$24 million is from the council's own funds.  
The program will see 100 sites reconstructed across the region, including 700 flood-damaged roads in the region.  
Bundaberg Mayor Mal Forman said almost every area would benefit from the funding, but with so much work ahead road and bridge works on the region's roads in the next 12 months residents would need to be patient.  
"We ask that everyone be extra care on our roads during this period as council workers and contractors take on this mammoth restoration works program," Cr Forman said.  
"To accelerate the recovery of the region's flood-damaged road and bridge assets Cr Forman said the council would need to be patient. NDRA works before obtaining full approvals from the Queensland Reconstruction Authority.  
"Two tenders worth a combined total of around \$60 million have been accepted from Gooling Contractors Pty Ltd and Civil Mining & Construction for 2014 flood recovery work," he said.  
"The first of those contracts should commence in mid July."



**Major repairs are on the way**

- Blumson roads around the Bundaberg region - \$1.7 million
- Asphalt resurfacing around the region - \$1.7 million
- Highway 31 complete reconstruction to One Mile Road - \$1.8 million
- Winton/Seaview Road intersection upgrade - \$800,000
- Deiran Road widening - \$900,000

Kilcoy Sentinel, 27 June 2013



ROADWORKS: Drivers are urged to exercise patience. PHOTO: GUY ALBERTS/GETTY IMAGES

**Somerset Mayor delighted popular tourism spot has reopened**

SOMERSET Regional Council Mayor Graeme Lehmann has welcomed the re-opening of Spillway Common, a popular tourism spot below the Wivenhoe Dam wall.  
The lookout was closed for restoration by Seqwater after the 2011 floods.  
Seqwater have completed extensive repairs to the lookout including improved public access for canoes and paddle crafts.  
"It's fantastic to see such a popular tourism spot in the Somerset region reopened for the community," Cr Lehmann said.  
"This spot has always been popular with tourists and recreational canoeists and now they will be able to make the most of the improved facilities."



Somerset Mayor Graeme Lehmann & Cr Dan Hill inspecting the newly reopened Spillway Common

**Engaging residents**

WORK has already begun on repairing some of the damage caused this year through the delivery of the 2011 NDRA works.  
Mayor Mal Forman said the council was trying to improve community engagement in relation to the scheduled roadworks and was looking into upgrading its website to keep the community informed.  
Council roads and drainage spokesman Tony Ricciardi said the work on the roads was expected to go on until the end of 2014.  
"We have roads across the region that will be returned to pre-flood standards with some receiving additional upgrades through the allocation of council funds," he said.  
Cr Ricciardi said drainage works had attracted funding of about \$4 million across the region.  
"This was part of an extensive capital works program that would ensure full employment for council staff in these areas.  
An enhanced footpath network also was part of the work to be done."

Fraser Coast Chronicle, 6 June 2013

**Fraser Coast to receive \$10m**

THE Fraser Coast Regional Council is expected to see an estimated \$10 million from more than \$20 million allocated to the Wide Bay region for disaster recovery.  
In the State Budget handed down on Tuesday, \$203.7 million was allocated to local councils in Wide Bay for disaster recovery and flood reconstruction.  
The funds will be allocated through the National Disaster Relief and Recovery Arrangements (NDRA),

jointly funded by the State and Federal Government.  
According to the Queensland Reconstruction Authority, the NDRA funding would be based on approved damaged assets.  
The QRA information shows this amounts to about \$10 million of reconstruction works for the Fraser Coast.  
The funding will be shared with councils such as the severely damaged Bundaberg and North Burnett areas. The NDRA also pro-

**DISASTER RECOVERY**

- \$203.7 million in disaster relief and recovery funding has been allocated to Wide Bay local governments.
- Fraser Coast Regional Council is expected to receive about \$10 million of the funding.

vides loans and grants for flood-hit primary producers, small businesses and not-for-profit groups.

Hervey Bay City Independent, 20 June 2013

**Betterment funding to fix damaged roads**

Almost \$4 million will be spent on projects to help Fraser Coast communities bounce back after floods.  
"Council has received \$1.8 million from the Betterment Fund to go towards five projects across the region which will cost just over \$3.9 million," Council Planning and Infrastructure Portfolio Councillor Trevor McDonald said.  
"The projects will help us ensure that our communities are better prepared to recover from future floods."  
One of the projects is the replacement of a 230-metre bitumen floodway on Poona Road with a concrete floodway.  
"Poona, like many of the smaller Fraser Coast communities, was isolated during the floods.  
"Their only road in and out was washed away so that even when the flood waters receded the community was still cut off from Maryborough.  
"The road had just been re-opened after repairs to damage from the 2012 floods when Oswald hit the Australia Day weekend this year."  
Council aims to have the project finished in time for the next wet season.  
"The Betterment Fund is a great idea," Fraser Coast Mayor Gerard O'Connell said.  
"We've been frustrated for many years that funds to repair flood-damaged infrastructure did not allow us to replace it with infrastructure that would withstand future events.  
"These funds will help us ensure that our communities will be better prepared to recover from future floods."  
The \$1.8 million Betterment Fund grant will go towards five projects which will cost \$3.9 million, Cr McDonald said.  
The five projects include:  
Poona Road, replace bitumen floodway with concrete floodway including batter protection and concrete lined approach table drains, \$940,000;  
Moorabinda Drive, Sunshine Acres, repair eroded roadway and table drains, \$860,495;  
River Heads Road, repair eroded roadway, \$1,062,141;  
Cherry Tree Road, Glenwood, replace bitumen floodway with concrete floodway including batter protection, \$350,000;  
Boundary Road, Oakhurst, replace unsealed floodway with concrete floodway including batter protection, \$720,000.

Tully Times, 6 June 2013

**Reopening of Cutten Brothers track**

Popular Mission Beach walking trail, the Cutten Brothers Track has been upgraded and reopened.  
The track is named in honour of a pioneer family and winds through the rainforest and along the coast south of Clump Point Jetty.  
Work is continuing on the nearby Ulysses Link Walking Trail, which runs along the foreshore and past the restaurant and shopping hub at Mission Beach, and it will recommence soon on the Edmund Kennedy Walking Track at South Mission Beach.  
The Edmund Kennedy Walking Track was first opened 25 years ago in Austral-



Gympie Times, 13 June 2013

**State money arrives**

**\$1.1million for damaged road upgrades**

GYMPIE Regional Council will upgrade five rural roads that have been damaged three times in three years as part of the Newman Government's push to make flood-ravaged communities more resilient.  
Community Recovery and Resilience Minister David Crisafulli announced yesterday the council would receive \$1,080,696 in 'betterment' funding for improvements to Moorhouse Gully Rd at Amamoor, Moy Pocket Rd, Doyle Rd at Daggon, and Greenvale and Glastonbury Creek Rds, Glastonbury.  
Yesterday he met Gympie regional Mayor Ron Dyne and Member for Gympie David Gibson on Moorhouse Rd, Amamoor.  
"Floods have torn up the road

five times since 2011.  
Council plans to lay a 200m long concrete road to stop future erosion and save on future repairs.  
"In the past, the guidelines for replacing infrastructure have been so rigid and bureaucratic that councils were only allowed to rebuild structures to the same standard in the same location," Mr Crisafulli said.  
"What the betterment project does is enable local communities to put forward a solution that might cost a little more up front but will save us all paying for damage over and over again."  
"Residents in the Gympie area are no strangers to flooding and have proven time and time again how resilient they are in the face of natural disasters," Mr Crisafulli said.  
"It's vital we do everything we can to help the community recover and these projects will allow life to get back to normal as quickly as possible once floodwaters recede."  
The works will include concrete upgrades to culverts, drains and floodways to reduce future damage and the impact on families and farmers.  
"The upgrades will be carried out under the \$80 million betterment program, a Newman Government initiative to give councils the chance to rebuild less damage-prone public infrastructure.  
It is jointly funded by the State and Federal governments, but falls well short of what is required. Gympie is expected to receive more funding soon."

**It will save us all paying for damage over and over again**

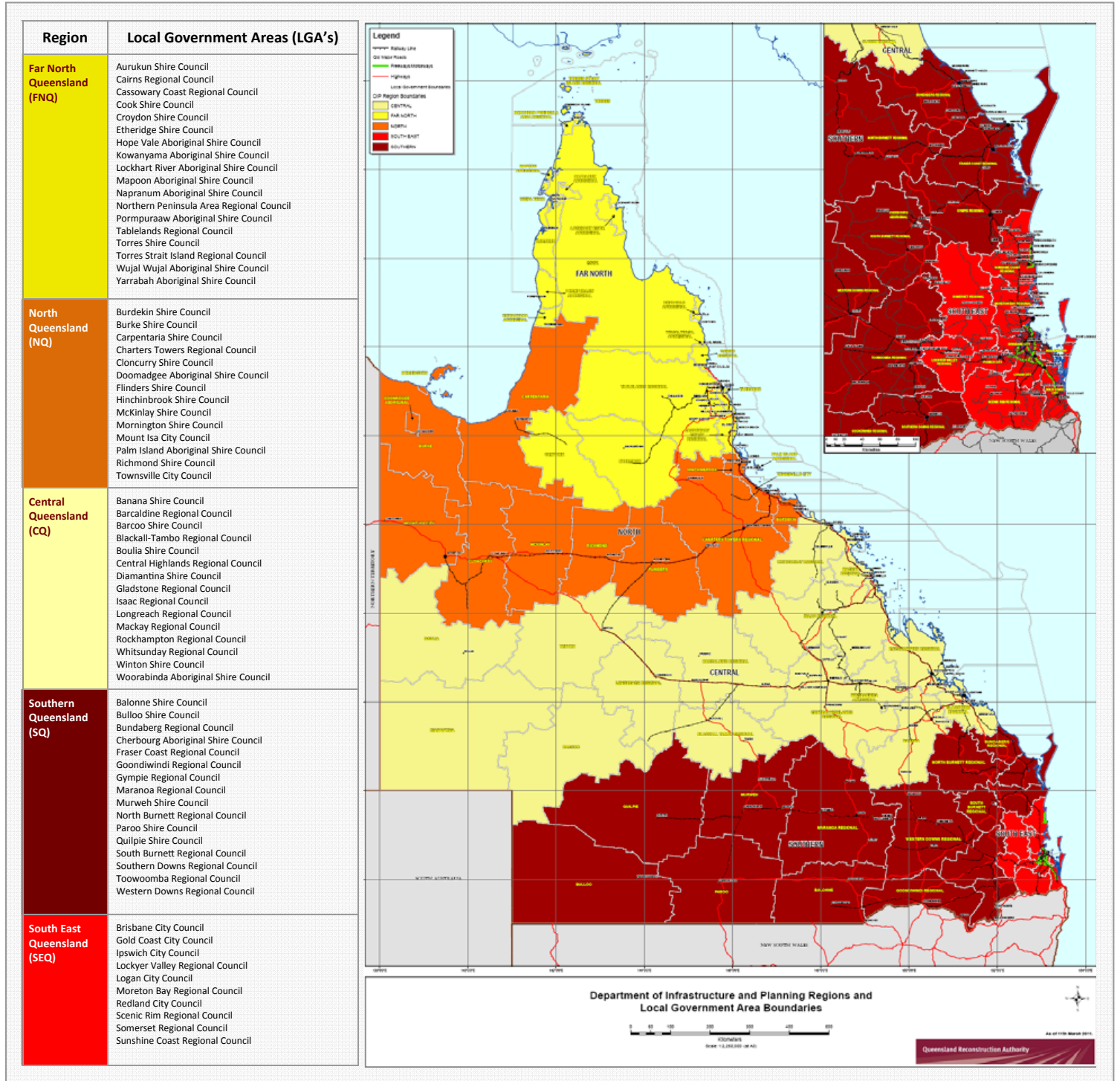


FUNDING: Gympie Regional Mayor Ron Dyne, Community Recovery and Resilience Minister David Crisafulli and Member for Gympie David Gibson on Moorhouse Gully Rd on road scheduled for Betterment Funding.

- FUNDING**
- Greenvale Rd - \$200,000
  - Glastonbury Crk Rd - \$200,000
  - Moy Pocket Rd - \$200,000
  - Doyle Rd - \$200,000
  - Moorhouse Gully Rd - \$280,696
- \*Councils will add expense to get project completed

# Appendices

# Appendix A: Local Government Areas by Region





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