

Queensland Reconstruction Authority



ASEAN Regional Forum Inter-Sessional Meeting on Disaster Relief

Queensland Reconstruction: Twelve months on

Chair, Queensland Reconstruction Authority
Major General Richard Wilson (Ret'd)

16 April 2012

Overview

The Queensland Reconstruction Authority

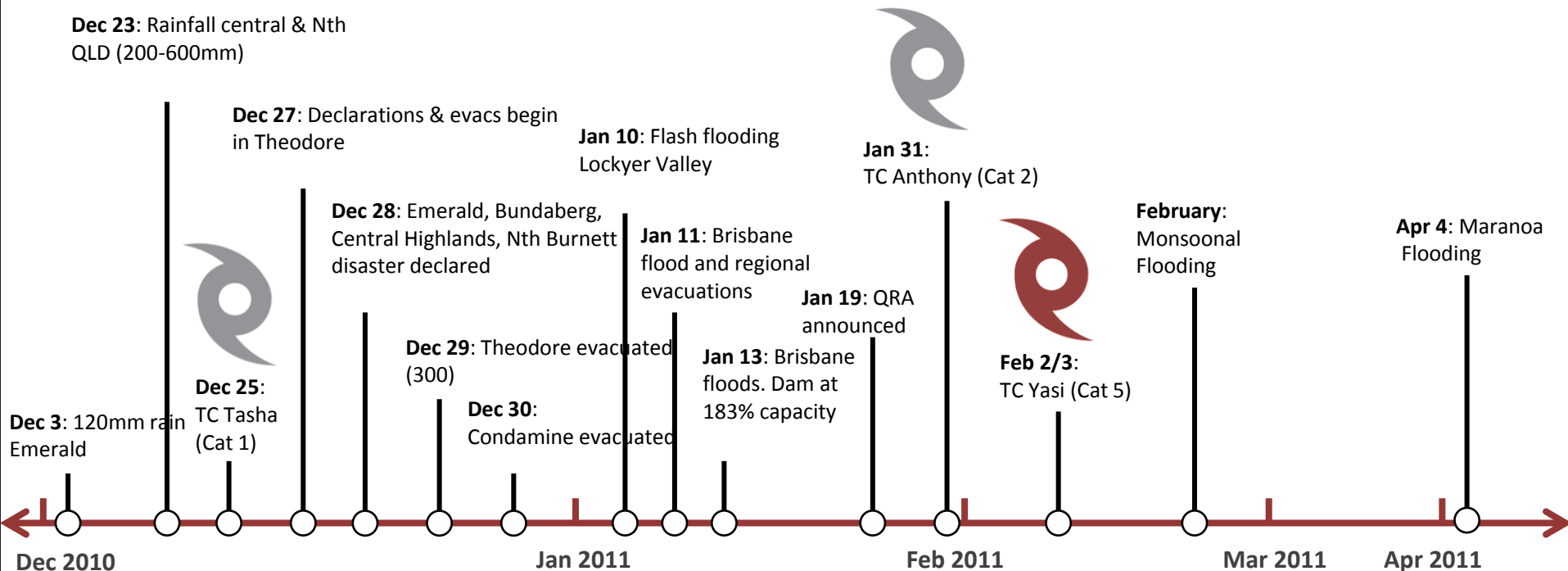
Scale of events and scope of work

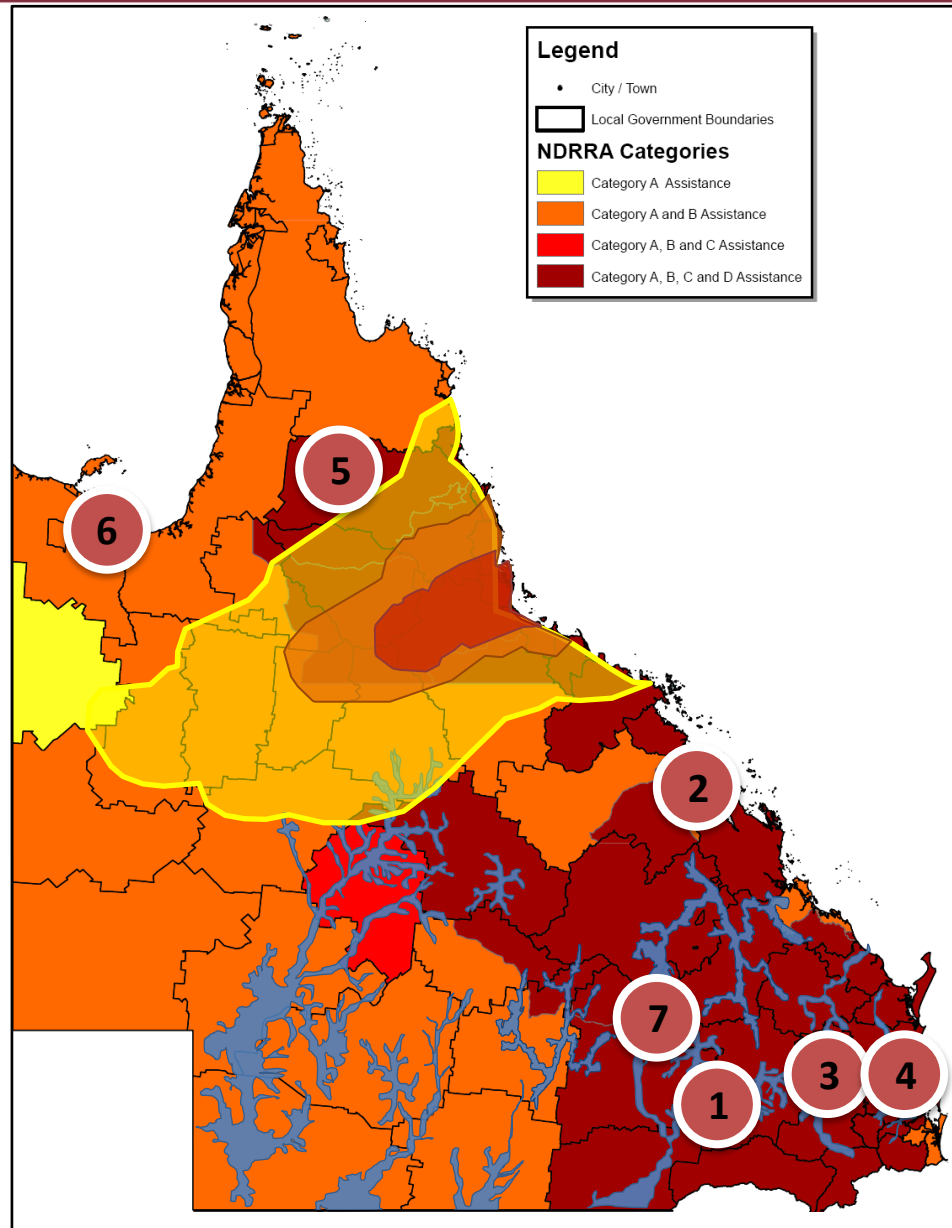
Strategic Plan & Projects

- *Recover*
- *Prepare and Prevent*
- *Respond*



2010/11 Summer Disasters





Disasters Overview

Scope – Disaster Events

1. **Dec 2010** Rainfall & Flooding South-east/west
2. **Dec 2010** Tropical Cyclone Tasha
3. **Jan 2011** Flash Flooding Twba/Lockyer Valley
4. **Jan 2011** Brisbane/Ipswich Flooding
5. **Jan / Feb** TCs Anthony & Yasi
6. **Feb 2011** Monsoonal Flooding
7. **Apr 2011** Maranoa flooding

2010 / 2011 Scope of Damage

Infrastructure	Disaster peak (Dec '10 - Mar '11)
Roads	9170 km
Rail	4748 km
Schools	411
Bridges & Culverts	89
Water supply schemes & sewage schemes	188
National Parks	162
Coal Mines	54
Power outages	480 000
Buildings affected	148 000
Infrastructure Costs for Repair	6.8 Billion
Insurance Costs for Repair	3.7 Billion (130,989 Insurance Claims)
Agricultural Losses	Sugar \$200 - \$300M Cotton & Grain \$125 - \$250M Bananas \$100 - \$200M

Queensland Reconstruction Authority

Ensure Queensland effectively and efficiently recovers from the impact of disaster events

- Established under its own Act of Parliament
- Reports to Board and Minister for Reconstruction
- Coordinate Reconstruction
- Prioritise infrastructure and services
- Administer NDRRA and ensure value-for-money outcomes
- Build disaster resilience
- Implement Commission of Inquiry findings as needed

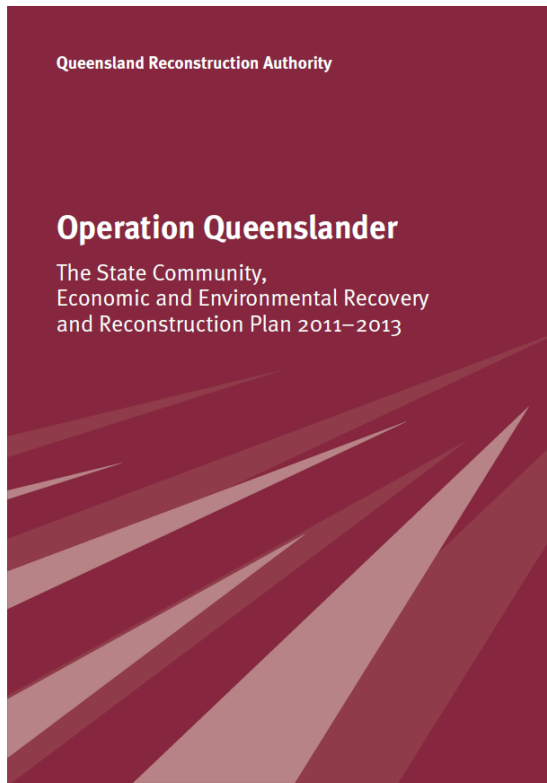


Queensland Reconstruction
Authority Act 2011

Act No. 1 of 2011

Strategic Plan

Operation Queenslander: The State Community Economic & Environmental Reconstruction Plan



- **Military Planning adapted to a civil scenario**
- **Three Phases**
 - **Recovery**
 - **Reconstruction**
 - **Transition**
- **Built along six lines of reconstruction with people and services at the core.**

2012 Disaster Events



Recent Events 2012

- **South West Flooding 4 - 10 Feb**

Feb 4 Maranoa River at Roma and Mitchell

Feb 8 Balonne River at St George peaks at 13.95m



Garbutt, Townsville



- **Sunshine Coast Region 25 - 27 Feb**

Six Mile Creek flood peaks at 11.1m

Mary River flood peaks at 15.7m at Gympie

- **East Coast Hybrid Low 4 - 7 March**

Mary River peaks 5.35m, Maryborough

Mary River peaks at 14.65m at Gympie

- **Townsville Storm 20 March**

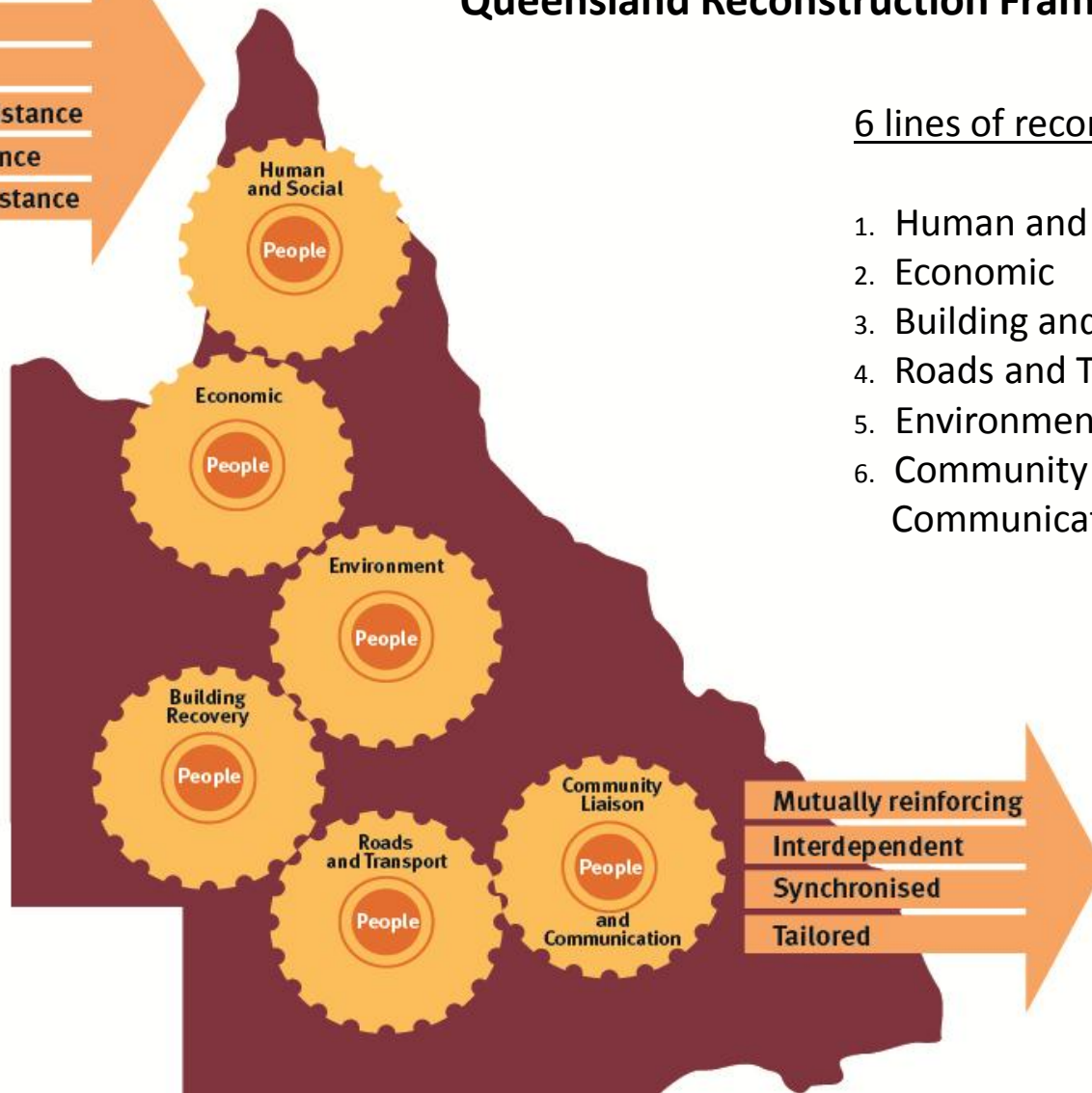
162 buildings storm damaged

22 buildings severely impacted including 18 homes

Queensland Reconstruction Framework



Federal resources
State resources
Local effort
Not-for-profit assistance
Corporate assistance
International assistance



6 lines of reconstruction

1. Human and Social
2. Economic
3. Building and Recovery
4. Roads and Transport
5. Environment
6. Community Liaison and Communications



A stronger, more resilient Queensland

Phases of Reconstruction

Phase 1 Recovery

- Authority established
- Short-term recovery operations
- Development and implementation of State Plan
- Phase ends when disaster response activities are handed to the Authority for reconstruction

Phase 2 Reconstruction

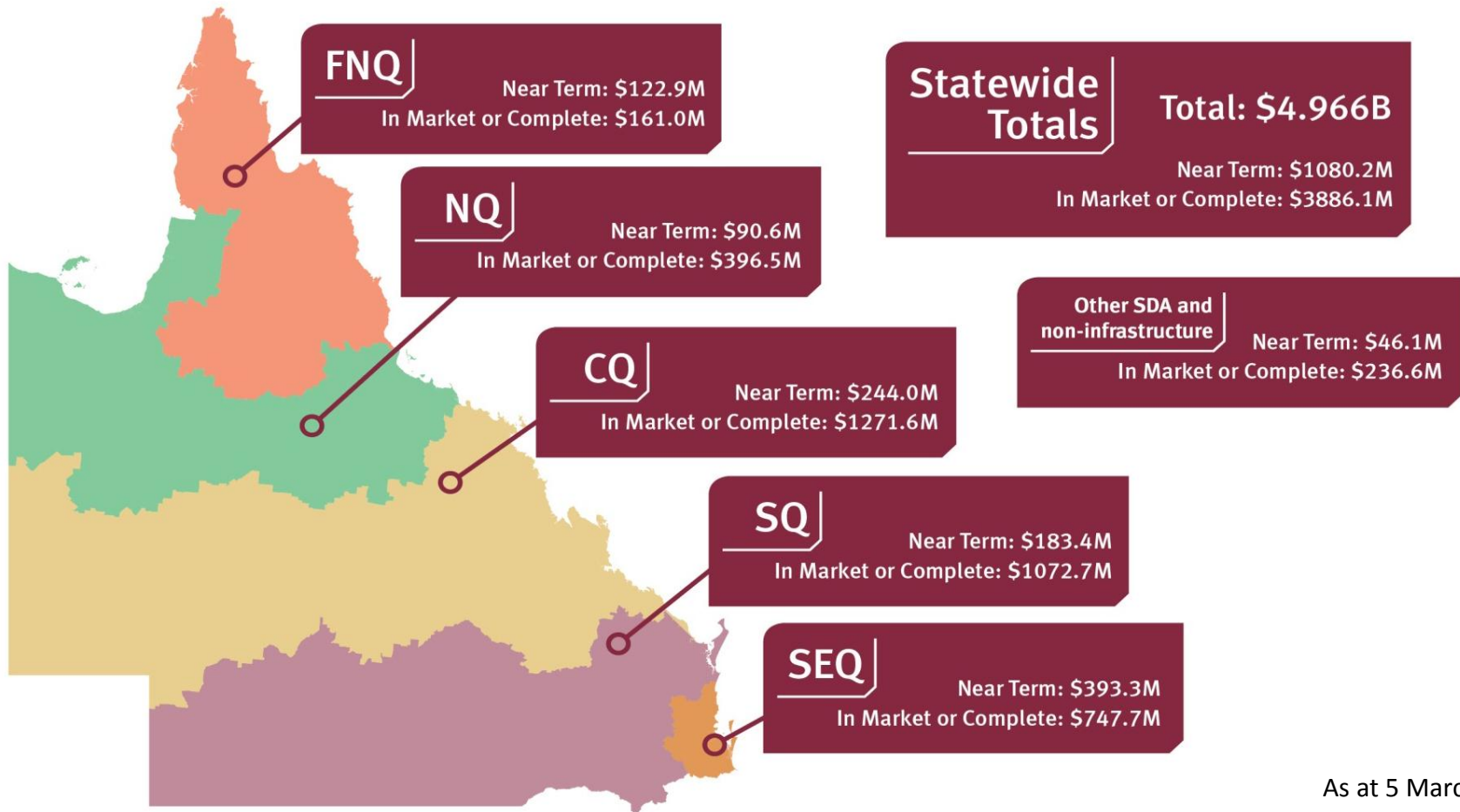
- Execution of the reconstruction activities
- The Authority will monitor progress across the six lines of reconstruction
- Phase ends when milestones are advanced enough to allow for transition from the Authority to other agencies

Phase 3 Transition

- Progressive handover of reconstruction responsibilities from the Authority to other agencies

Queensland Reconstruction Authority

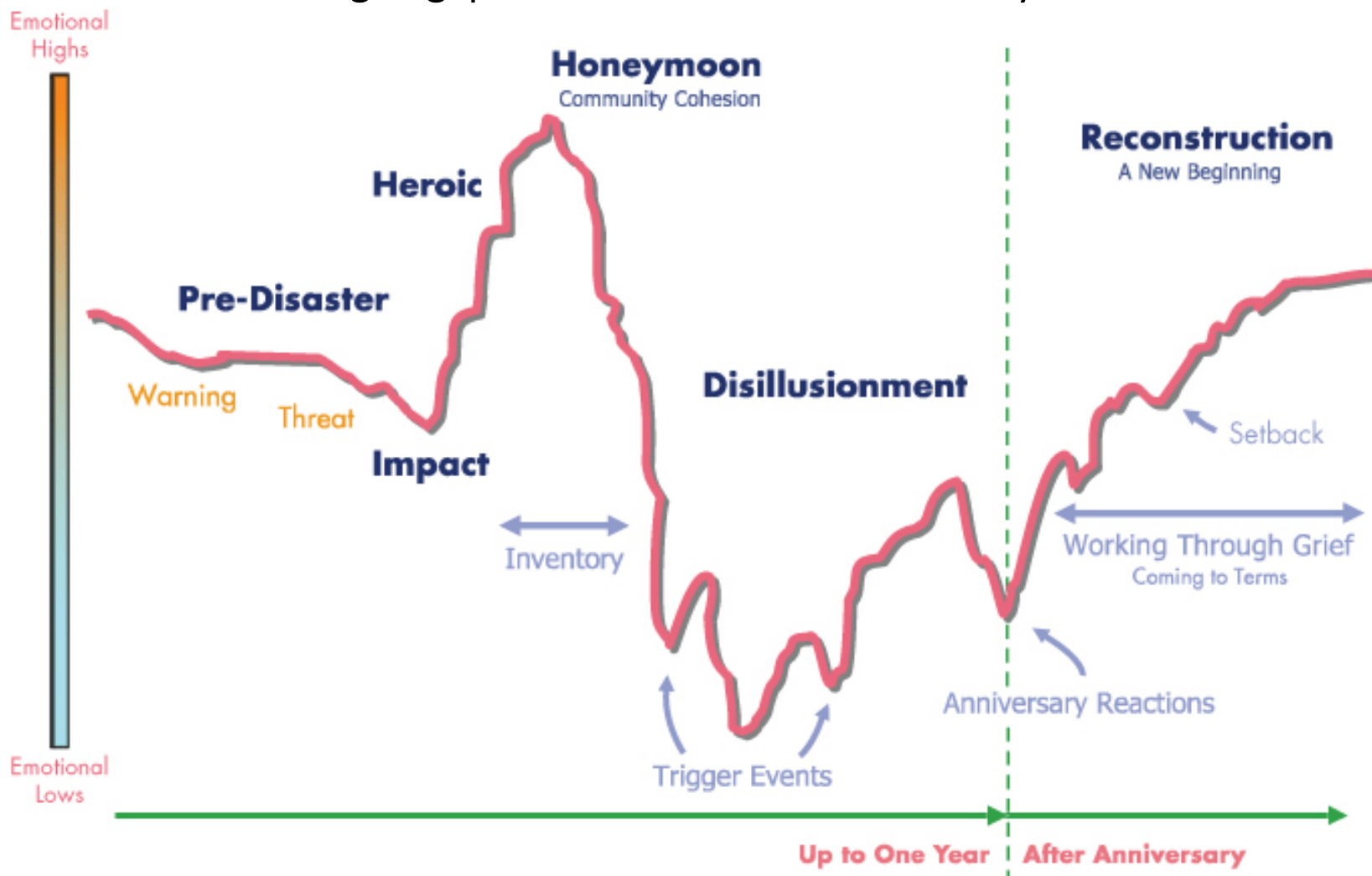
	DTMR	LGA
Near Term	Packages being prepared for tender (REPA)	Applications for packages which are currently under assessment by the Authority or are awaiting additional information from the LGA (REPA)
In Market Complete	Packages out to tender, packages assessed and awarded, and packages in delivery (REPA) Packages completed (includes CDO & EW)	Applications for packages which have been approved by the Authority but not yet completed (REPA) Packages completed (includes CDO, EW and REPA)



As at 5 March 2012

Post-Disaster Community Needs

Acknowledged gap for communities immediately after disaster



Damage Assessment & Reconstruction Monitoring

DARMSys™



State-of-the-art, Damage Assessment and Reconstruction Monitoring system to assess and audit reconstruction.

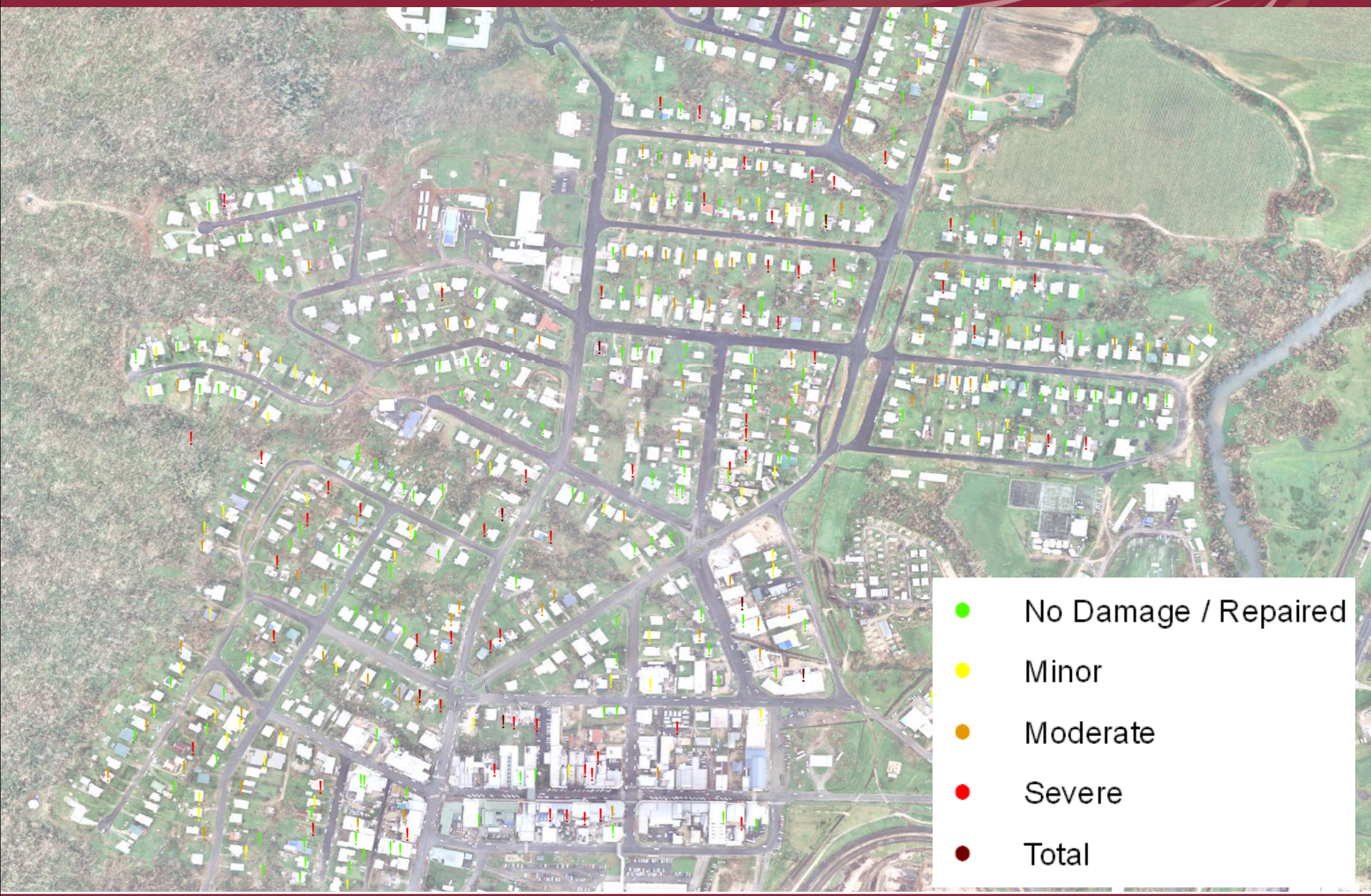
Real time data available to Disaster Management Centre and Recovery Agencies.

Pilot program: April 2011. Deployed operationally through 2011 and Feb 2012 floods

Enables street-by-street, house-by-house assessment through affected communities

Helps provide targeted assistance to most vulnerable





Build Back Blitz

- **DARMSys™ is one way to help identify potential Build Back Blitz clients**
- **Owner-occupier whose house was totally destroyed or severely damaged by floods or cyclone**
- **No work has commenced to rebuild/repair the home**
- **Owner needs support to progress repairs/rebuild and/or has limited financial capacity to progress work**
- **Other considerations include elderly people, people with a disability or medical condition and language difficulties.**



Christiella with representatives of construction company Touchwood.
(Right) with then Authority FNQ Director, Chief Supt Mike Keating.



Resilience

“...the capacity to prevent, mitigate, prepare for, respond to, and recover from the impacts of disasters.”

“...a resilience based approach to disaster management recognises that a co-ordinated and collaborative effort is needed to increase our capacity to recover from disasters.”



Building Resilience

- Provides better long term outcomes - personal, financial and physical
- Enhances ability to minimise the effects of disaster events on the community, economy and environment
- Builds upon, rather than replaces, existing strengths and arrangements



Strategic Projects

Rebuilding Grantham together

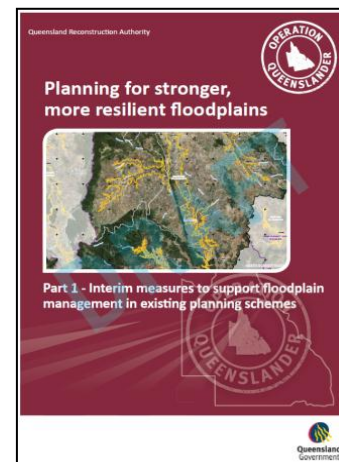
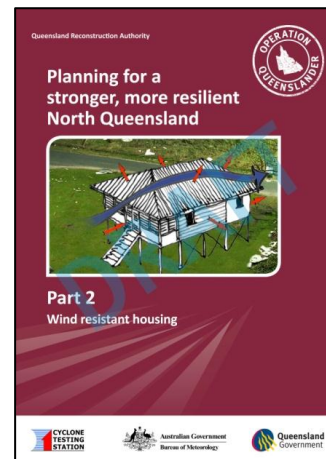
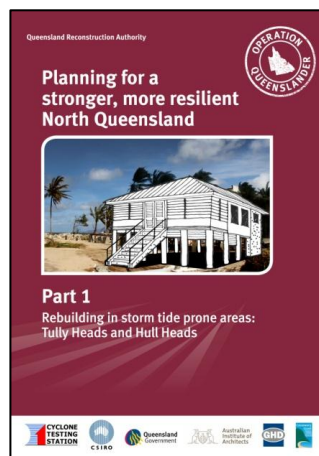
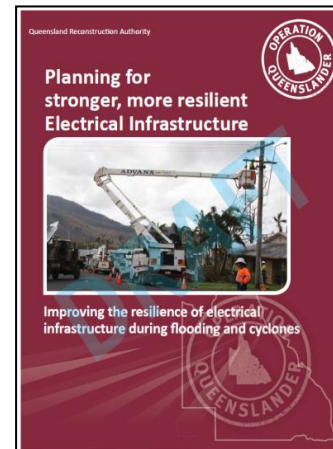
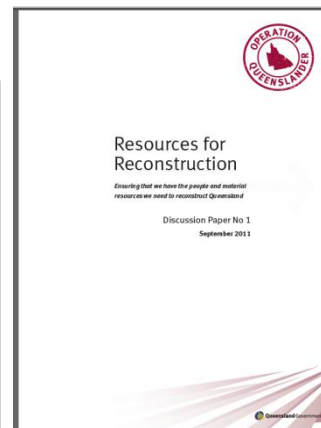
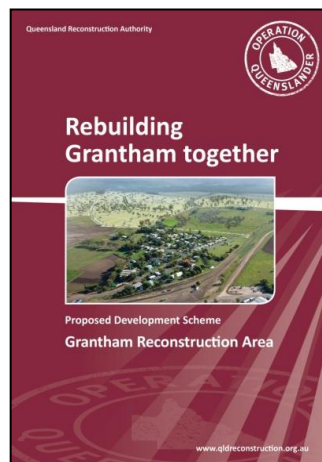
Floodplain Management

Rebuilding in storm tide prone areas

Wind resistant housing

Stronger, more resilient Electrical Infrastructure

Resources for Reconstruction





Queensland Reconstruction Authority

