

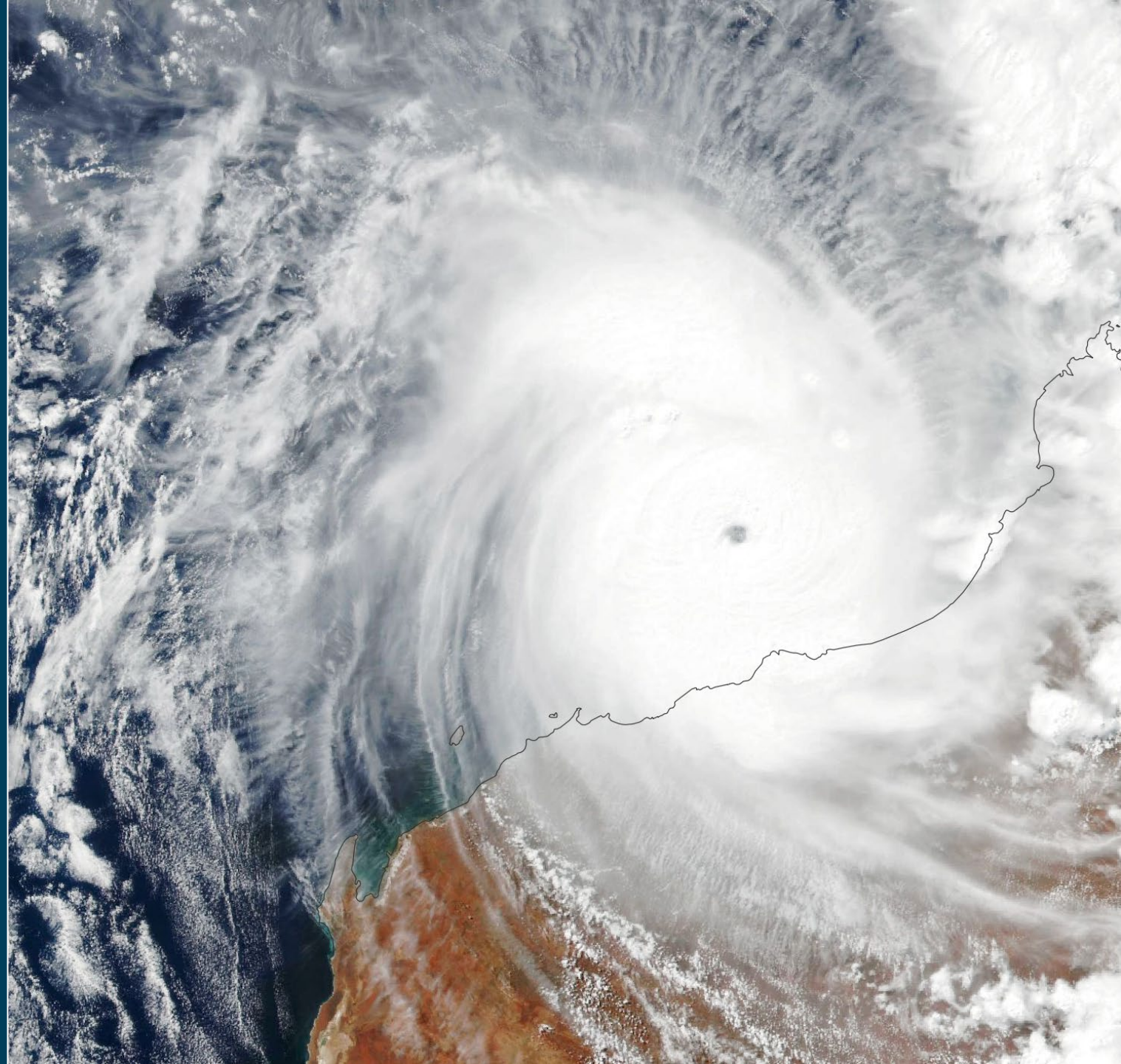


Australian Government

National Emergency Management Agency

Challenges Changes Choices

Natural Hazards Research Forum





Australian Government

National Emergency Management Agency

Acknowledgement of Country

In the spirit of reconciliation NEMA acknowledges the Traditional Custodians of Country throughout Australia and their connections to land, sea and the community. We pay our respects to their Elders past and present and extend that respect to all Aboriginal and Torres Strait Islander peoples today.

Our operating environment

A time of complex, cascading and concurrent events:

- **900mm** of rain in 24-hours following TC Jasper in Q'ld
- **620,000** business and homes with no power in Victoria
- **2000km** detours for supply routes in Western Australia
- **\$1 billion** in 2018-19 to **\$6.5 billion** in 2022-23
- **87 per cent** dedicated to recovery
- **7 per cent** dedicated to resilience and risk reduction
- **\$4 billion** over the past 5 years on AGDRP

Are we currently stuck in a cycle of constant recovery?



44

Disasters since
October 2023



188

Australian Local
Government
Areas impacted

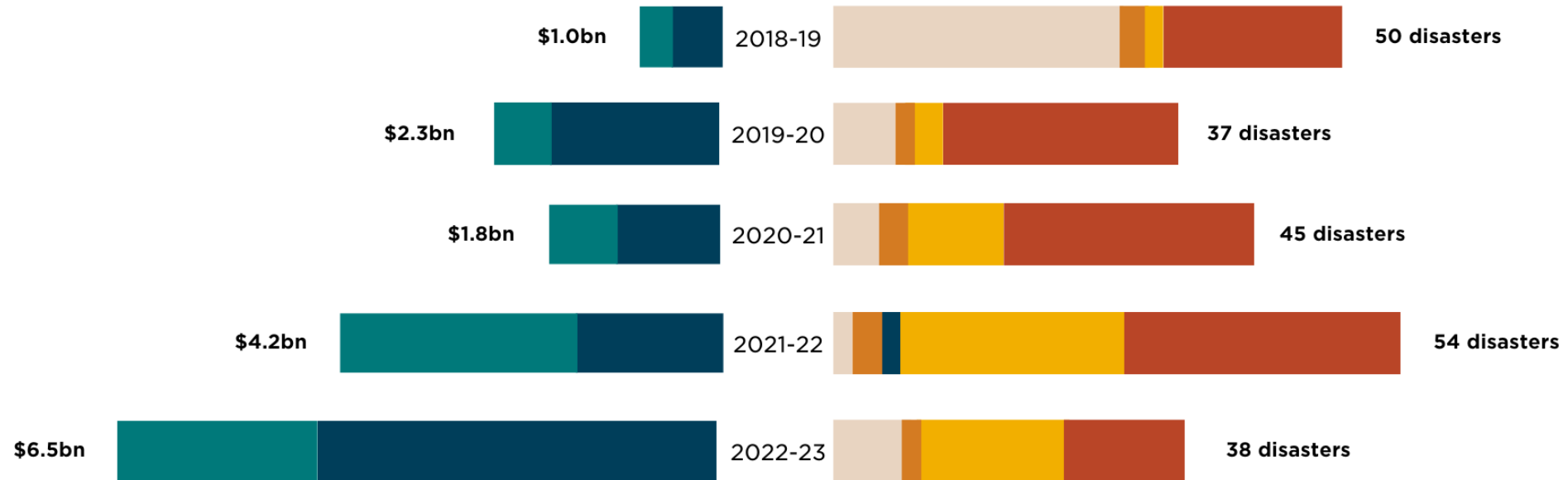


\$6.5

Billion on Cth
administered
disaster funding
for 2022-23

Snapshot of recovery

Other Commonwealth Disaster Funding Commonwealth DRFA Funding



Bushfire
77



Cyclone
17



Flood
64



Earthquake
1



Storm
118

Listening and learning

Productivity Commission 2015

Increase investment in disaster mitigation
Greater understanding with insurance



Royal Commission 2020

Enhanced coordination
Enhanced capabilities
Streamline DRFA
Build Back Better
Community expectations
Evaluate effectiveness



Glasser Review 2023

Enhanced coordination
Evaluate effectiveness
Build Back Better
Streamline DRFA
Enhanced capabilities
Cross border collaboration
Community expectations

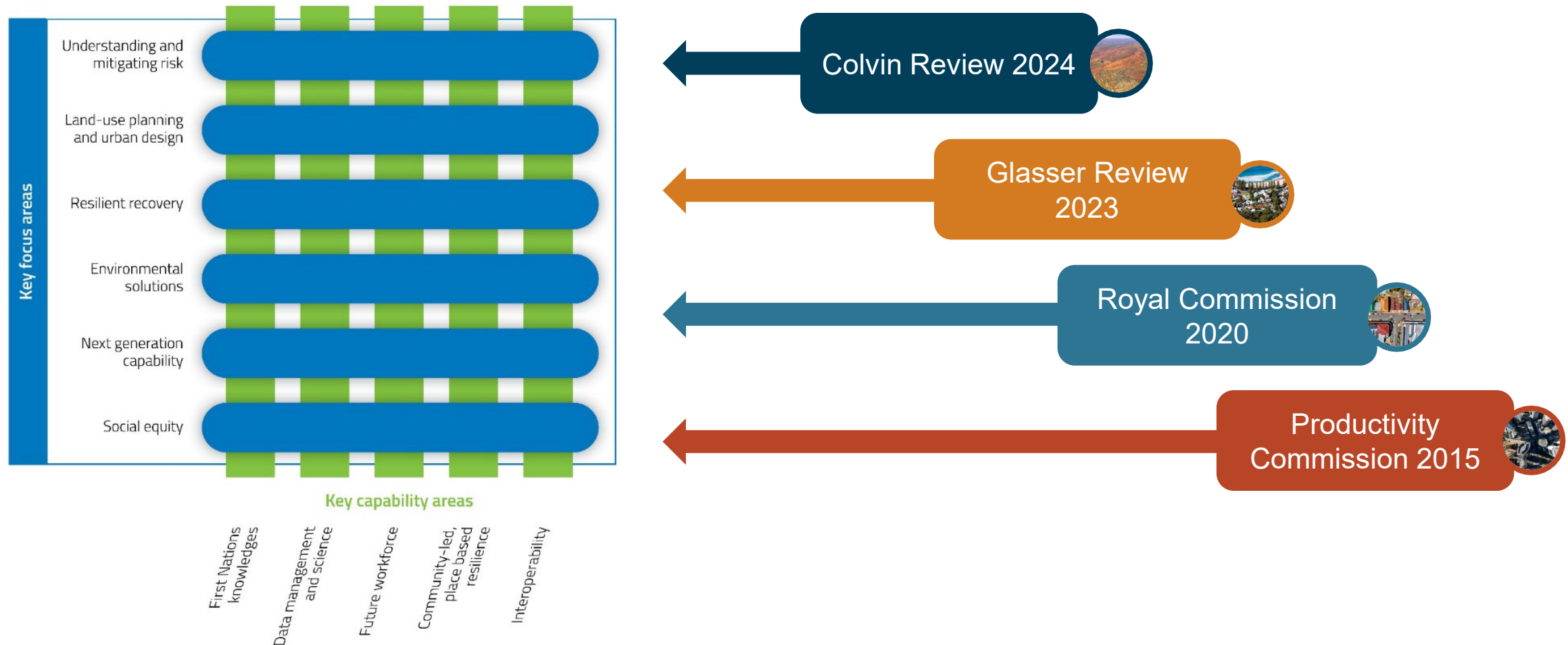


Colvin Review 2024

Role of the Commonwealth (Coordination)
National Natural Disaster Outcomes Policy
Adopting an evidence-informed, risk based approach
Program reform
Engaging beyond government



Applying learning and the changes needed



Risk



National Risk Profile



Higher-Risk Weather Season Summit 2024



Implementing reviews and connecting stakeholders

Capability



National Emergency Management Stockpile

Our priorities



Aerial Firefighting Capabilities

Mitigation Investment + Risk Reduction



Administering the Disaster Recovery Funding Arrangements



Delivering the Disaster Ready Fund



Hazards Insurance Partnership

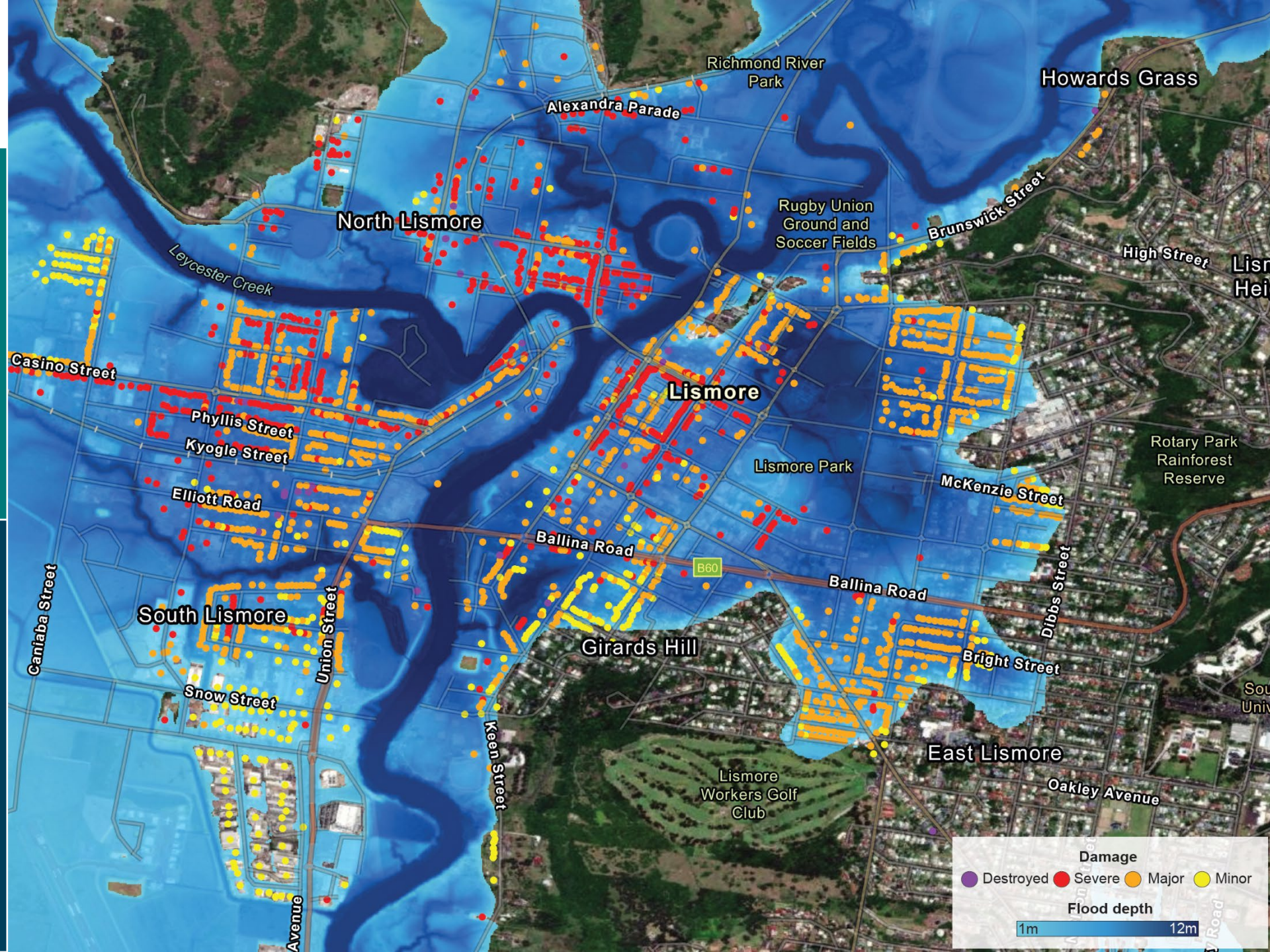
Lismore (2022) Flood Impact Analysis

National Risk Profile

- Overlay natural hazard disaster risk with vulnerability data
- Support informed decision making around resource allocation and development of future investments in capabilities and risk reduction
- Create efficiencies, improve situational awareness, and help inform efforts to manage risk

Hazards Insurance Partnership

- A partnership between government entities and the insurance industry
- \$22.6 million over 4 years to put downward pressure on insurance premiums and better target mitigation investment
- Aims to identify the most pressing insurance issues in high risk areas and test the best policy solutions.



Are investments hitting the mark for communities?

Standard measures of relief

Human and social



\$539,898,046

Built environment



\$10,901,921,886

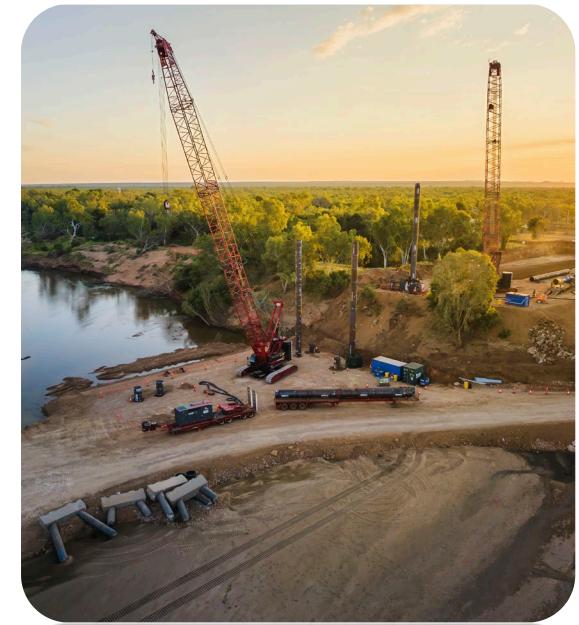
Exceptional circumstance assistance packages

Economic



\$624,755,965

Risk Reduction + Resilience



\$5,123,835,896

Be Ahead of Ready

Big ideas to drive a resilient, safe and sustainable future.

- We need bigger and bolder thinking and to embrace diversity of ideas.
- We must be creative and innovative; visionary and strategic.
- Too often change is reactive in the aftermath of natural hazard events and incremental in its advancement.
- How do we switch to a transformative, more ambitious model of change, in anticipation of worsening threats, to create a long-term vision for our society?
- Be Ahead of Ready provides an outline of ideas focused on future capability and technology to ensure a safe and resilient future.
- The report's concepts relate to a range of ideas including personalised warnings and engagement using AI, big data and augmented reality.

