

CQSS2030

CENTRAL QUEENSLAND Sustainability Strategy 2030

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Air



Soil



Land



Freshwater



Groundwater



Coastal



Drivers

Introduction

The CQSS2030 plan draws on the best available scientific knowledge, as well as global, Australian and Queensland targets, and marries them with what our regional communities want for their future.

It has been designed to help guide individuals, families, businesses, groups and organisations as well as government. That's because to achieve a sustainable future, we need everyone working at all levels towards the same goals.

We also need to work together as a region to fill critical knowledge gaps, finetune our targets and find a way to monitor and report on our progress towards them. By measuring our progress against regionally relevant targets, we will also be able to demonstrate our contribution to protecting [State, National and International priorities](#). The next critical step requires a coordinated approach across all sectors to combine our knowledge and resources so we can create what scientific circles and our communities are calling for.



CQSS2030 is a living plan

Because science is always evolving, and we don't know everything, this plan is a living document. It represents the best we know now, and our targets and strategies will be updated as we learn more and find ways to do better. You might even notice that some targets have a question mark next to them; this indicates an area our region needs to learn more about.

CQSS2030 is organised around Central Queensland's key natural assets and two drivers – climate and people.



Air



Soil



Land-based



Freshwater



Groundwater



Coastal and marine



Drivers

CQSS2030 recommends 33 strategies to reach targets

- 1 Promote and support management practices that maintain air quality within appropriate guidelines.
- 2 Monitor and communicate trends in carbon emissions.
- 3 Promote and support mitigation actions including carbon sequestration and emissions reduction.
- 4 Improve our understanding of linkages between freshwater and coastal/marine and ground water systems.
- 5 Identify and protect priority species/ecosystems and critical refugia to maintain viable populations and key ecosystem services.
- 6 Promote and support management practices that protect/maintain /restore critical refugia, riparian ecosystems and wetlands.
- 7 Promote and support integrated water resource planning (ground and surface water).
- 8 Reduce the impact of barriers to aquatic connectivity within and between freshwater and coastal waterways.
- 9 Build knowledge and awareness about sustainable long-term use of groundwater resources.
- 10 Promote and support management practices that reduce demands on water resources manage salinity risk and avoid contamination of water sources.
- 11 Build knowledge and awareness about groundwater dependent ecosystems.
- 12 Develop, promote and support management practices that protect, maintain and restore critical groundwater dependent ecosystems.
- 13 Understand and prepare for changes in sea temperatures, ocean acidity and coastal currents.
- 14 Protect and prioritise the coastal zone as a critical buffer.
- 15 Understand and prepare for changes in sea level and tidal/storm surges.
- 16 Understand and address individual threats to maintain ecological services and values.
- 17 Build knowledge, awareness and skills that minimise negative impacts on natural assets.
- 18 Identify and protect priority sites and species of cultural significance (Local, regional, state and federal level).

- 19 Promote and support business/lifestyle choices and practices that minimise negative impacts on our natural assets.
- 20 Understand and prepare for changes in temperature, rainfall patterns and extreme weather events (climate change).
- 21 Build knowledge and awareness about soil health management techniques.
- 22 Promote and support management practices that identify and preserve high quality soils.
- 23 Promote and support management practices that best maintain and build soils.
- 24 Build knowledge and awareness about the extent of degraded lands and rehabilitation techniques.
- 25 Promote and support management practices that restore degraded sites.
- 26 Build knowledge and awareness about end-of-dry season groundcover/biomass standards by land type.
- 27 Promote and support management practices that effectively maintain groundcover/biomass.
- 28 Understand critical elements of habitats and promote and support management practices that conserve these.
- 29 Understand and address drivers of decline in ecosystem extent and condition.
- 30 Promote and support vegetation management practices that conserve biodiversity values and ecosystem function.
- 31 Promote and support management practices that minimise the impacts of weed and pest species.
- 32 Promote and support management practices that improve vegetation connectivity at the local and regional scale.
- 33 Increase green spaces in populated areas.

For further information

Visit www.cqss2030.com.au

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As the leading Natural Resource Management (NRM) body for the region, FBA is responsible for coordinating the review and maintenance of, and making publicly available the region's NRM plan – the CQSS2030.

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Air



Soil



Land



Freshwater



Groundwater



Coastal



Drivers