

National Positioning Project



World leading positioning for all Australians



Olivera Berger/Orary Signal

What does a positioning ground station look like?

The ground stations are in an open area so the antenna has a clear line-of-sight to the satellites above. The antenna is on top of a 1.5 metre concrete pillar. Cables will run from the pillar to a metal box for secure equipment storage.

Some sites have solar panels, telecommunications, weather sensors and lightning protection. To keep the equipment safe, the ground stations may have secure fencing.



Image: A positioning ground station on Wungah County (Queensland)

Artwork by the Wungah children with Landings, The Ngalya Foundation and the Wungah Cultural Centre, Queensland

Geoscience Australia is building a better positioning capability for all Australians. Part of this capability includes upgrading our ground station network. Our position on the globe is essential to our everyday lives. Position allows us to pinpoint where we are and helps us get to where we need to go.

The National Positioning Infrastructure project (NPI) improves access to our global position at the touch of a button. We use positioning in our smartphones, for safe boating and in mapping products like Google maps which help us get from A to B.

When we know exactly where we are, we can deliver better services and make better decisions, even in poor weather. Flying and landing planes in remote communities across Australia will become easier. This will improve our access to search and rescue services and medical services such as the Royal Flying Doctor Service.

Currently, we can fix our position to within 5-10 metres. Upgrading our existing ground stations will improve our positioning fix to within 3-5 centimetres.

Improved positioning will help to manage a broad range of needs. This includes: land erosion, road and bridge building, health technology, mining and infrastructure. There will be great advantage for regional and remote communities. Access to this technology will provide innovation opportunities for all Australians, and allow us to be safer, and work smarter.

Australian Government
Geoscience Australia



“

Jacob McCue, the foundation's manager of community services, helps several clients out of a vehicle. People come from across the Island to access everything from genetic education services, meals and advocacy to housing assistance, emergency medical advice and the use of exercise equipment — good health, fitness and regular exercise is, so far, the best known way to delay MJD's effects.

Foundation staffers must convey the importance of halting the spread of MJD without alienating clients, many of whom are bound to strict cultural laws and belief systems that exist in opposition to the complex scientific onslaught of the disease.

Trent Dalton's Weekend Magazine (The Australian) April 6-7, 2019.



Groote Eylandt - Red Sand, Groote Eylandt

03

STRATEGIC PLAN 2018 - 2021


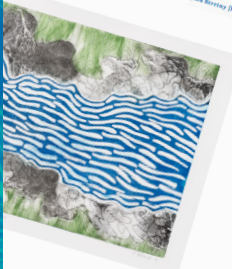


MJD FOUNDATION

"A FUTURE FREE FROM MJD"

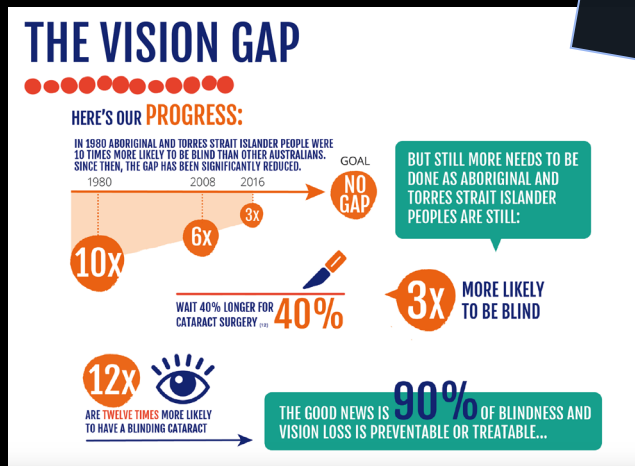
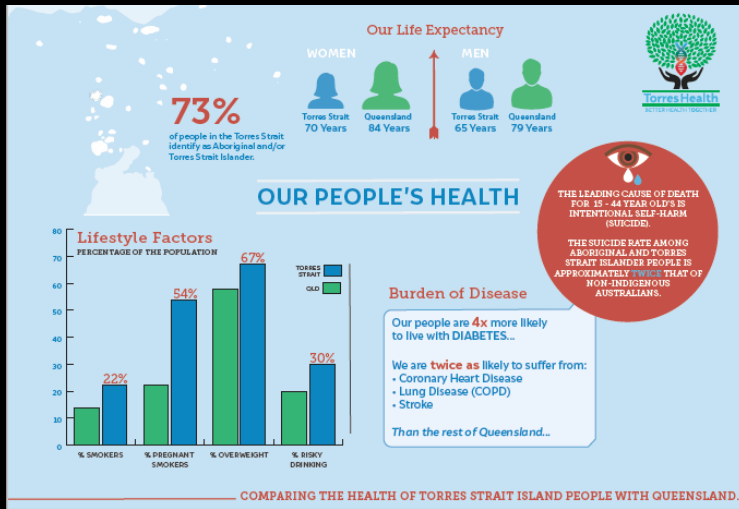
JABU BIRRINY

(land + sea)

Jabu Birriny (land + sea)

12



INFOGRAPHICS



DIGITAL ASSETS



Call for Artworks

Attention Torres Strait and NPA Artists and Artisans

Two of Australia's most prestigious Indigenous Art Fairs open up to art collectors in Australia and overseas through their exciting new online platforms this August.

Conlan Cultural Centre will continue to promote the Torres Strait and NPA Art Fairs, which are the largest and most significant Indigenous Art Fairs in Australia.

Gab Titu Cultural Centre is committed to the Torres Strait and NPA Art Fairs, which are the largest and most significant Indigenous Art Fairs in Australia.

The Gab Titu Cultural Centre will continue to promote the Torres Strait and NPA Art Fairs, which are the largest and most significant Indigenous Art Fairs in Australia.

If you have any questions, please call the Gab Titu Cultural Centre team on 07 4069 0888.

About the 2020 Conlan Aboriginal Art Fair
The 2020 Conlan Aboriginal Art Fair is a major event for the Torres Strait and NPA Art Fairs, which are the largest and most significant Indigenous Art Fairs in Australia.

About the 2020 Gab Titu Indigenous Art Fair
The 2020 Gab Titu Indigenous Art Fair is a major event for the Torres Strait and NPA Art Fairs, which are the largest and most significant Indigenous Art Fairs in Australia.

Logos: Australian Government, TSRA, Gab Titu Cultural Centre.



Call for Artworks

Attention Torres Strait and NPA Artists and Artisans

Gab Titu Cultural Centre will be showcasing artists from the Torres Strait and NPA this 2020 Indigenous Art Fair season!

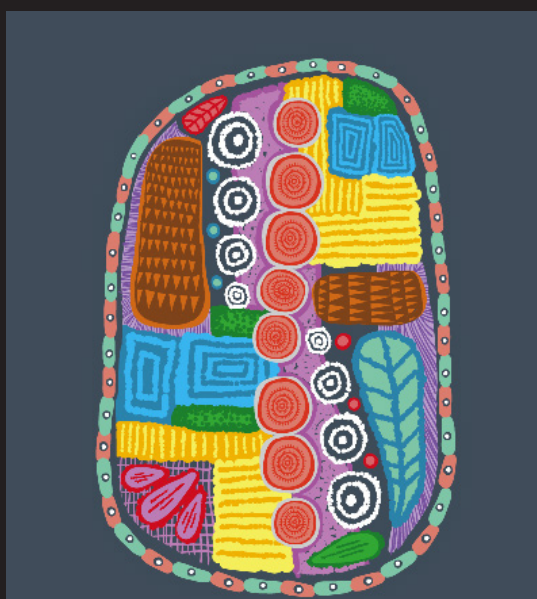
Logos: Australian Government, TSRA, Gab Titu Cultural Centre.

CAMPAIGNS



CUSTOM MAPS

CUSTOM ARTWORK + LAYOUT



Everyday Heroes

Storytelling Game



“What is culture?
Culture is a way of life.
It's about our ceremonial practices, cultural protocols, language, food, dance, song, spiritual beliefs, values and so much more.”

