

PORT OF MACKAY

COMMUNITY REFERENCE GROUP

CHAIR: NICOLAS FERTIN

11 NOVEMBER 2021



1. Meeting Open
 - Acknowledgement of Country
 - House-keeping
 - Apologies
2. Conflict of interest
3. Correspondence, questions and actions register
4. NQBP update
5. Trade and marine operations update
6. Infrastructure and land operations update
7. Sustainability and environment update
8. Community update
9. General business
10. Next meeting
11. Meeting close

NQBP UPDATE
Nicolas Fertin
NQBP CEO & CRG Chair

VISION

To be global leaders in sustainable facilitation of port trade.

OUR VALUES



Integrity



Respect



Excellence



Unity

MISSION

To manage safe and efficient ports that connect regional Queensland to the world by balancing the needs of iconic natural environments, communities, stakeholders and port users.

STRATEGIC THEMES



Planning for
Evolving &
Transitioning
Industries



Embrace
Existing &
New
Businesses



Collaborating
to Enhance
Reputation



Enhancing
Employee
Engagement
& Efficiency

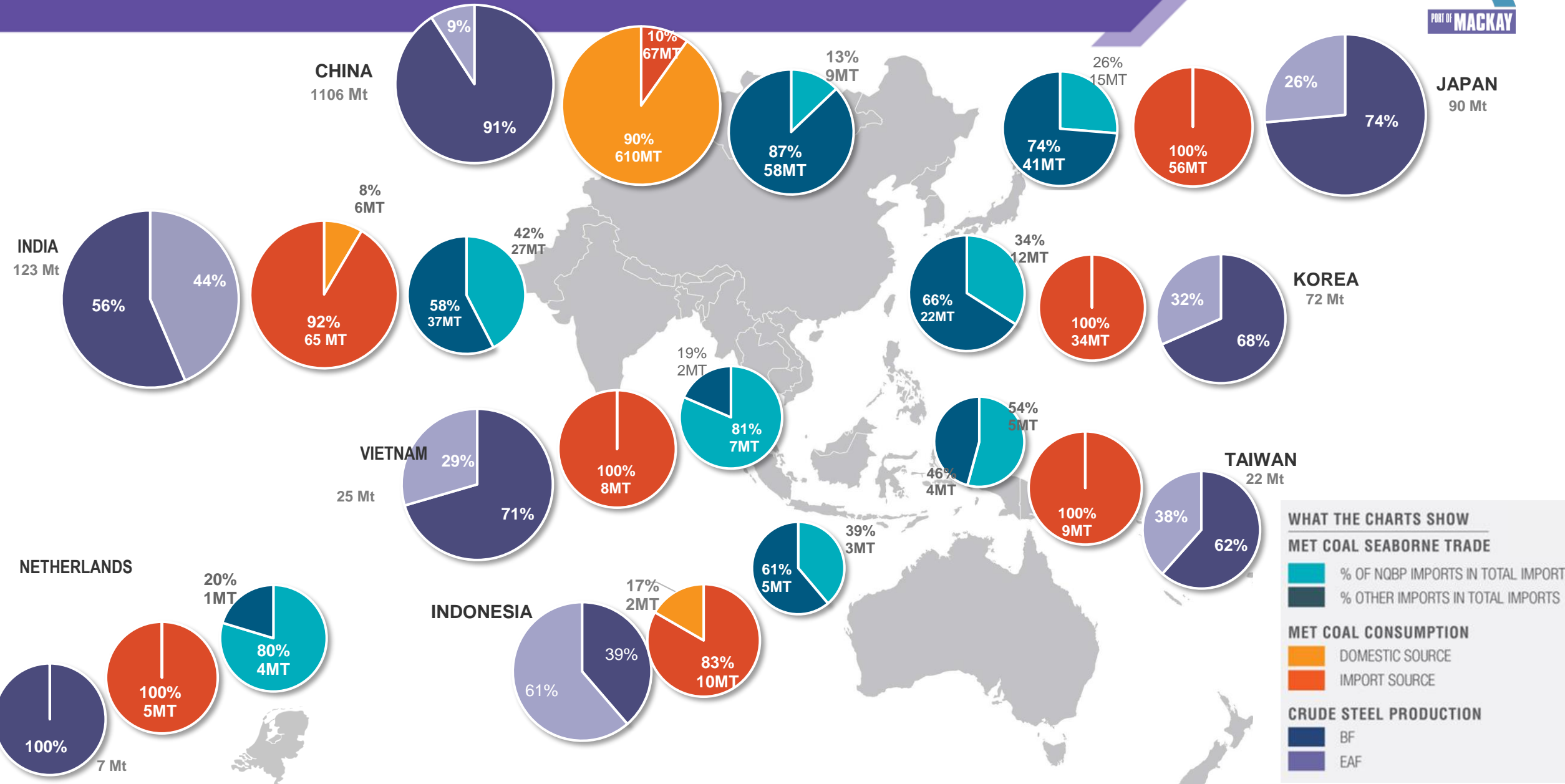
CRG members must disclose if they:

- Are a member, partner, or an employee of NQBP
- Have some other specified interest relating to NQBP or their operations
- Have a financial or vested interest in a matter being considered by the CRG

Port of Mackay CRG Disclosure of Interest Register:

Name	Position	Declared Conflict of Interest (Yes/No)	Nature and Extent of Interest	Date of Declaration
Peter Port	Recreational rep	Yes	Member of community group that may apply for sponsorship with NQBP	9/11/21
Sam Starboard	Community rep	Yes	Employee of NQBP contractor ABC Diving	9/11/21
Andy Anchor	Port industry rep	Yes	Tenant of NQBP	9/11/21
Martha Maritime	Business rep	Yes	Employee of a construction company that may submit a tender for NQBP project works	9/11/21

2021 GLOBAL EXPORTS – STEEL MAKING COAL



WHAT THE CHARTS SHOW

MET COAL SEABORNE TRADE

- % OF NQBP IMPORTS IN TOTAL IMPORTS
- % OTHER IMPORTS IN TOTAL IMPORTS

MET COAL CONSUMPTION

- DOMESTIC SOURCE
- IMPORT SOURCE

CRUDE STEEL PRODUCTION

- BF
- EAF

Source: IHS (FY21), AME (CY20 & FY21)

2021 GLOBAL EXPORTS – ELECTRICITY-MAKING COAL



WHAT THE CHARTS SHOW

THERMAL COAL SEABORNE TRADE

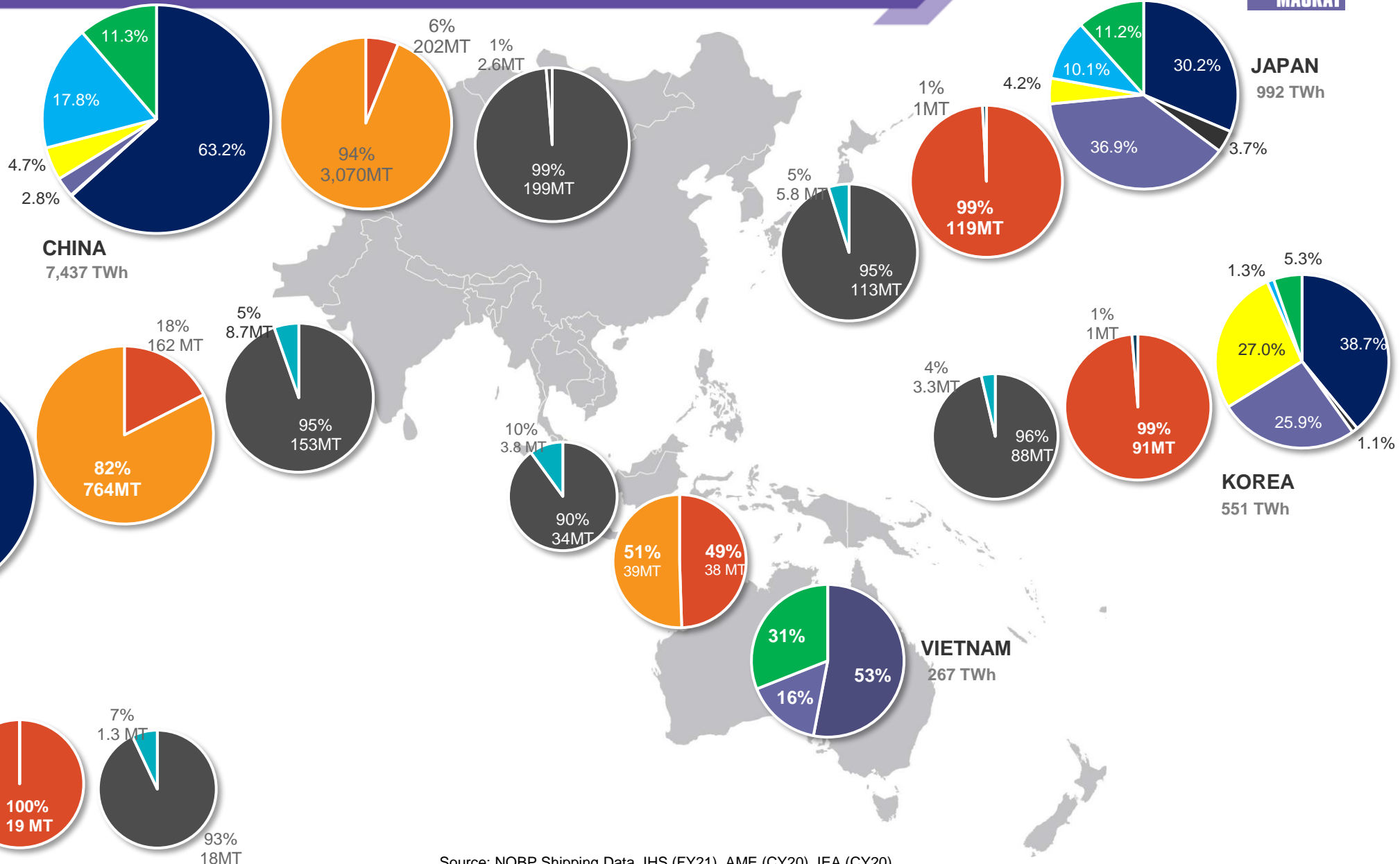
- % OF NQBP IMPORTS IN TOTAL IMPORTS
- % OTHER IMPORTS IN TOTAL IMPORTS

THERMAL COAL CONSUMPTION

- DOMESTIC SOURCE
- IMPORT SOURCE

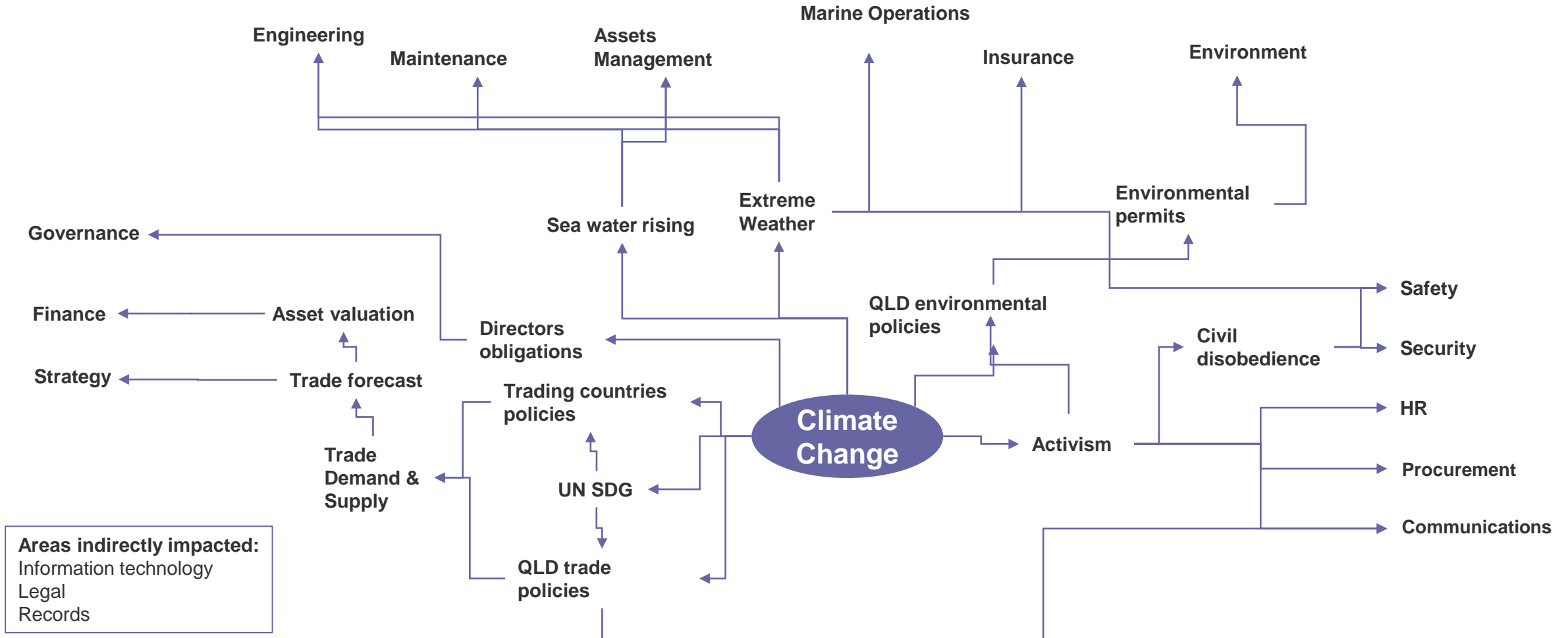
ENERGY MIX

- COAL
- NUCLEAR
- GAS
- OIL
- HYDRO
- RENEWABLE



Source: NQBP Shipping Data, IHS (FY21), AME (CY20), IEA (CY20)

Climate change is impacting NQBP functions and operations directly and indirectly.



Yacht import

- 13 yachts were unloaded and transferred to Mackay Marina.
- Shipped to Mackay from Asian origins such as Thailand.
- Yachts transferred to the Whitsundays for use in tourism.
- Video: <https://bit.ly/3bvmt3h>

Hoegh Autoliners additional route

- Expansion of regular route to include Mackay as a port of load for Hoegh Trooper v191.
- Mining equipment shipped direct from Bowen Basin to Western Australia.
- 2020-21 was a record year for breakbulk.



13 yachts were discharged through the Port of Mackay in September.

NQBP INFRASTRUCTURE AND LAND OPERATIONS

Tim Lewis

General Manager Infrastructure and Land Operations

Tug berth facility

- Status – Contractor Pacific Marine Group is progressing works.
- \$8.5 million project will include berths for up to two tugs including a gangway and floating pontoon.
- Additional \$375,000 has been approved by the Board for two additional pilot boat berths.
- Pile driving works recently completed.
- Pontoon and gangway due to arrive in the next few weeks.
- Estimated completion early 2022.



Pile driving works were recently completed on the new tug berth facility project.

Water network upgrade

- \$1.7M upgrade project awarded to Roebuck Civil
- \$1.5M additional water booster pump station
- Work due to begin this month, completion ~ July 2022.

Wharf 5 western access trestle replacement

- \$4.2M upgrade project
- Contract award is imminent.
- Construction due to begin this month, completion ~June 2022.



Tenders have been awarded for the Wharf 5 western access trestle replacement project.

Southern Breakwater barrier replacement

- Replacement of corner barrier for breakwater
- Delayed due to supply issues with materials.
- To be completed in New Year.

Fuel pipeline relocation

- Preliminary design complete.
- Following further investigations and user workshops, a detailed design will progress.
- Detailed design expected early 2022.
- Construction expected Q3 FY 2022-23.



Fuel pipelines at Wharf One.

Fire management

- Bushfire mitigation subplan in force.

Cyclone preparedness

- October – December – NQBP and port stakeholders preparing ports/sites for cyclone and storm season, with reminders also provided to staff via internal communications.

Disaster management exercises

- June – Rotary Aircraft crash (Mackay)
- November – CT exercise (Weipa)
- December - Oil spill familiarisation training (Bowen)

HELICOPTER CRASH EXERCISE OUTLINE

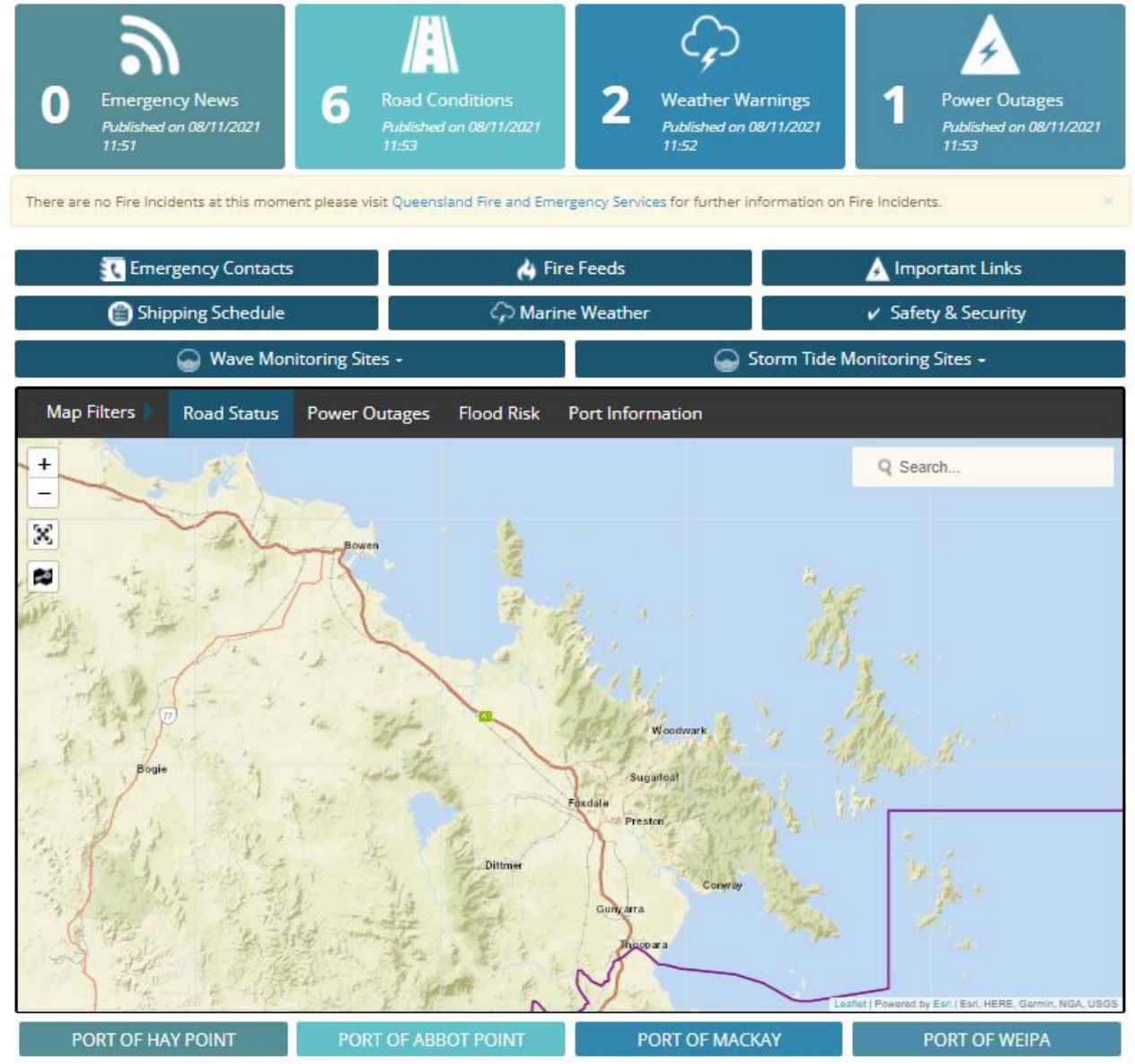


"OPERATION ROTARY"

An Emergency Management exercise conducted for NQBP, Port Stakeholders and Emergency Services



















NQBP Emergency Dashboard

- Available on our website – <https://emergency.nqbp.com.au>
- Covers current conditions at all NQBP sites - Hay Point, Mackay, Abbot Point and Weipa.
- Designed for NQBP employees, contractors and the general public.
- Collates information from official sources such as BOM, TMR, QFES, Ergon Energy etc in addition to NQBP information such as shipping schedules.



The dashboard features a top navigation bar with four main categories: Emergency News (0), Road Conditions (6), Weather Warnings (2), and Power Outages (1). Below this is a yellow notification bar stating: "There are no Fire Incidents at this moment please visit Queensland Fire and Emergency Services for further information on Fire Incidents." The main content area is organized into a grid of buttons for Emergency Contacts, Fire Feeds, Important Links, Shipping Schedule, Marine Weather, and Safety & Security. Below these are sections for Wave Monitoring Sites and Storm Tide Monitoring Sites. The central part of the dashboard is a map interface with tabs for Map Filters, Road Status, Power Outages, Flood Risk, and Port Information. The map shows the coastal region of Queensland with various locations labeled, including Bowen, Bogie, Foxdale, Prestice, Gungahra, Thoppara, Corway, Sugarloaf, and Woodward. A search bar is located in the top right of the map area. At the bottom of the dashboard, there are four buttons for PORT OF HAY POINT, PORT OF ABBOT POINT, PORT OF MACKAY, and PORT OF WEIPA.

National severe weather outlook: October 2021–April 2022 summary

Impact	Likelihood compared to recent decades
 Widespread flooding	 More likely
 Coastal flooding / erosion	 More likely
 Severe storms	 Similar
 Bushfire risk	 Similar, increased for parts of Qld/NSW
 Heatwave	 Similar spring, increased summer
 Tropical cyclones	 More likely
 Marine heatwave	 More likely
 Drought	 Less likely
 Dust	 Less likely

Be prepared

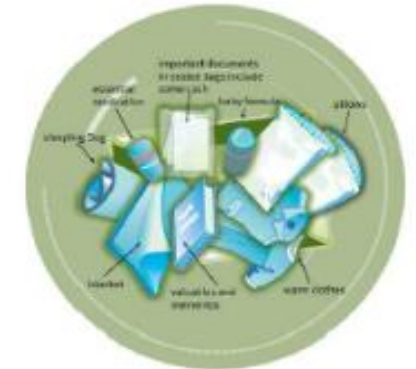
Pre impact – impact – post impact

Items you should have:

- An emergency plan (at work and home)
- What is your evacuation plan?
- Understand your risk/s and know what possible scenarios could arise in your area

Things you should do:

- How are you going to secure your home and at your workplace?
- Where are you going to go for situational awareness on an event?
- Check your insurance premiums to ensure you are covered.



NQBP SUSTAINABILITY AND ENVIRONMENT

NQBP Director Environment Kevin Kane

Fox detection searches

- Conducted in October in partnership with Mackay Regional Council and our terminal operators per our General Biosecurity Obligation.
- European red fox threatens native species, such as turtles and ground-nesting birds.
- Historically, fox dens have been found on port land - No dens found in October search.

JCU scholarships / internships

- Internships have closed and been awarded.
- Scholarship applications now open.
- Scholarships are open to school leavers commencing 1st year in a Bachelor of Marine Science at JCU.



(Top right) Fox detecting dog, Rocky, and handler Tom Garrett inspecting port land for fox dens. (Right) Underwater research on the Great Barrier Reef.

NQBP COMMUNITY UPDATE
Emilie Power
Community & Stakeholder Advisor

NQBP Annual Report results

30 September 2021

“Port of Mackay infrastructure investment reaps rewards for jobs and trade”

<https://bit.ly/3BBEn6>

Profile story – NQBP pilotage

12 October 2021

“A day in the life of a mentor pilot”

<https://bit.ly/3CJkzbn>



Manager Pilotage Services Luke Sorensen was profiled in a feature story in October.

SEPTEMBER

- 16 Mackay Home Schoolers port tour
- 26 Southern Breakwater clean up with VMR and Mackay Dive Club

OCTOBER

- 2-3 Mackay Surf Lifesaving ski-paddling clinic with Clint Robinson
- 27-28 LOTUS F1 in Schools competition

NOVEMBER

- 12-19 EcoTalks (school visits)
- 23 End of Year Stakeholder Event

DECEMBER

- 2 Resource Industry Network briefing



NQBP supported the Mackay Surf Lifesaving Club's recent ski-paddling clinic.

Process

1. CRG members submit ideas and supporting docs by 31 January 2022.
2. NQBP reviews applications against criteria.
3. CRG members vote on options at first meeting in 2022.

Criteria

- a. Environmental / social/ cultural benefit.
- b. Level of benefit to the community.
- c. Ability of applicant to implement initiative.



The 10,000 steps signage on the Southern Breakwater was a previous CRG grant.

GENERAL BUSINESS

- MSQ update – Regional Harbour Master Jason Britton

- What topics would you like to hear more/less of?
 - Corporate strategy
 - Trade and operations
 - Engineering and development (projects/maintenance)
 - Environmental monitoring
 - Communications

Next meeting – TBC 2022