

RDAGW ANNUAL BUSINESS PLAN, OUTCOMES, BUDGET, AND FINANCES REPORT 2021/22

Regional Development Australia – Mackay Isaac Whitsunday (RDAMIW) trading as Regional Development Australia – Greater Whitsundays (RDGW)

RDAMIW - <http://www.rdamgw.org.au>

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1.0 INTRODUCTION

Welcome to the 2021/22 RDAGW Annual Business Plan, Outcomes, Budget and Finances Report . As is customary with this report we have provided an outline of RDAGW intending actions and completed outcomes aligned to the year (2021/22) in the main document.

The provision of this report and information relating to RDAGW operations is intended to allow the reader to better understand RDAGW and broader stakeholder commitment and delivery toward development, growth, trade, and investment activity in the Greater Whitsunday region.

This annual plan allows RDAGW to showcase that regional growth and development is a long term and continuing process of adaptation, planning, research, engagement, and review, to realise successful infrastructure and development projects and secure investment and/or increase trade and investment in the Greater Whitsunday region.

The 2020/21 year will be remembered as a year of major challenges stemming from the COVID-19 Pandemic and the heavy influence on required isolation measures and their impact on regional development, growth, trade and investment activity and the implication on the regional workforce. What is clear from COVID-19 economic and social impacts is that our regions development, growth, trade, and investment landscape has been changed and that a business as usual (pre-COVID-19) approach is not desirable as we seek to make our region's economic and social landscape more robust and innovative.

Despite the challenges and impacts of COVID-19 some things remain consistent. The key ingredient toward successful regional development involves forming key collaborative partnerships. RDAGW has and continues to work hard in fostering a collaborative agenda in the region. Within the GW region many interest groups, economic development agencies and business entities carry some (but restricted) responsibility toward achieving regional development and growth aspirations and at the same time seek to ensure their members and stakeholders are supportive of the actions. Working together and directly sharing resources, skills, and capabilities the MIW region can achieve it aspirations. RDAGW function is very much focused at supporting and co-leading these collaborative actions to support regional growth and development aspirations.

Within the 2021/22 year there are some significant actions that the newly formed committee (1 January 2021) of RDA GW have agreed too. These changes we believe positively impact on RDA GW operations and deliverables and they do set a new tone for RDA GW operations. The actions include.

- Trading Name Change from Regional Development Australia – Mackay Isaac Whitsunday to Regional Development Australia - Greater Whitsundays. (RDA GW) The decision to change trading name follows strong advocacy and a direct request from major stakeholders in the region and is aligned to similar name changes for state agency regional operations and combined local government associations operating across the region.
- New Office - RDA GW as of 1 August 2021 relocated to a new office. The new office is first for RDAGW in the region where operations will be from a standalone office suite. Previously RDA GW worked out of smaller part rented office rooms owned and run by a local SME business. This change now means RDA GW has an office front to the regional community.
- A new website and updated social media platform - with the name change came the opportunity to also upgrade the RDA GW website - the New Website which went live as of the 1st of September 2021 is much more interactive website and outline video and other connecting media and information to the viewer.
- The completion of the RDA GW Regional Development Road Map. Consistent with the new charter and RDA GW operations and with resources and cash support from RDA GW surplus funds plus Local

Government plus the Department of Infrastructure, Transport, Regional Development and Communications the regional will have as of October 2021 a regional development Strategy and Road Map that is able to identify the core set of development priorities for the region and where stakeholders have agreed to the priorities

I take this opportunity to thank the RDAGW Committee and Staff for their ongoing activity and support along with the Australian government and departments that administer our operations and fund the work we do.

I also wish to thank the many stakeholders, state agencies, local government, peak bodies, community, and private businesses that have and continue to work with RDAGW - your efforts in supporting RDAGW and the region are often not fully recognised but we say to you - thank you

I commend that you read the RDAGW Annual Business Plan, Outcomes and Budget and Finances Report and look forward to continued activity into 2022/23 and beyond.

Yours Sincerely,



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Pierre Viljoen
Chair
RDA GW

2.0 COMMITTEE MEMBERS AND STAFF

RDAGW is a committee of key regional leaders from business, local government, natural resource management, regional development, and community with representative residing throughout the whole of the Greater Whitsunday Region (comprising the Mackay- Whitsunday- Isaac Local Government Areas)

The RDA structure relies heavily on the talent and expertise of the committee members for advice on technical issues to develop prioritise for the region. RDAGW uses well developed communication processes with its committee members to ensure the highest level of advice is provided to government and stakeholders. The business plan has identified many projects that have significant contribution from the committee. Key advice will be sought from the following committee members through the year.

Committee

Committee Member	Term	Representation	Key Areas of Advice
<i>Pierre Viljoen (Chair)</i>	Jan 2021 – Jun 2025	Central Qld University	Education, community engagement and development
Jeff Stewart-Harris (Deputy Chair)	Jul 2021 – Jun 2025	Isaac Regional Council and Freight Strategy and Operations	Local government, ports, planning, aviation, and transport
Jan Clifford (Secretary)	Jul 2021- Jun 2025	Whitsundays Regional Council	Local government, Tourism, Social Services
Mitchell Flor (Treasurer)	Jul 2021- Jun 2025	Private Enterprise	Manufacturing, mining construction transport and agribusiness
Stephen Cutting (Committee Member)	Jul 2021 – Jun 2025	Private Enterprise	Bio futures, infrastructure, mining, supply chains
Gina Lacey (Committee Member)	Jul 2021 – Jun 2025	Isaac Regional Council	SME business and Mining and METS Sector knowledge along with Local Government
Karen May (Committee Member)	Jul 2021 – Jun 2025	Mackay Regional Council	SME Business and Social Sector and Local Government
Ry Collins (Committee Member)	Jul 2021 – Jun 2025	Bowen Gumlu Growers Association	Agribusiness, economic development,
Maree Franettovich (Committee Member)	Jul 2021 – Jun 2025	Private Enterprise	Retail Business, Social Sector, Banking
Irene Adams (Committee Member)	Jul 2021 – Jun 2025	Traditional Owners	Indigenous Business and Community Development

Please see RDAMIW website for further information. www.rdagw.org.au/about-us/board-members-a-staff.html

Staff

Staff Person or support Entity	Term	Key Areas of Advice
Rob Cocco- CEO/DRD	Mar 2021-30 Jun 2025	Over 20 years CEO and Executive experience across agribusiness, government, research, natural resources and small business
Janine Wood – Contracted Admin Officer P/T	1 Jul 2021 –30 Jun 2023	Over 10 years admins and bookkeeping experience and hold executive roles within local sporting organisations.
Nic Willis – Contracted Project Officer P/T	1 Jul 2021 –30 Jun 2023	Over 20 years of SME business and Employment Services experience and holds various roles on Mackay based NFP groups.

RDA MIW OPERATIONS IN 2020/21

3.0 ROLE OF RDAGW

Considering the RDA Charter, our regional strategic context, our regional priorities and our regional current issues/opportunities, RDA GW believe we can play a critical lead and or supporting role in:

- Supporting key stakeholders project opportunities by supplying information pertaining to Grants
- Participate and provide value to major economic development initiatives
- Support regional stakeholders in their liaison with Australian government and other stakeholders.
- Follow up and provide feedback to all stakeholder on critical regional issues and opportunities aligned to growth, development, trade, and investment.
- Fostering cross regional and cross sector partnerships and collaborations across all stakeholders to ensure a balanced approach - additionally the collaborative approach allows for the sharing of resources in support of regional aspirations and when implemented effectively gives the MIW regions a greater voice.
- Development of consistent regional messaging.
- Promotion of regional strengths and opportunities.
- Provision of regular feedback on critical issues and priority activities for the region to the Australian Government.
- Participation and contribution to regional economic development studies, initiatives, and forums.
- Liaison with businesses and industry organisations to understand regional growth opportunities and identification of regulatory and infrastructure constraints.
- Provision of a coordinated approach to regional leadership and advocacy.
- Building of relationships and partnerships with all three levels of government and regional organisations.
- Identification of projects of regional significance that will deliver economic growth and further opportunity.
- Building a greater array of investment ready projects throughout the region and connecting these project proponents with funding sources, both public and private.

4.0 STRATEGIC CONTEXT

RDAGW Vision – a region with a positive domestic and global identity, where its people are connected to each other and the landscape and where diversity and innovation are supported by leading development and growth opportunities. Greater Whitsunday region is a great place to live, work, learn, play, and invest.

RDAGW will facilitate and advocate regional economic development outcomes, investment, local procurement, and jobs growth via implementation of business development and growth strategies and programs, increasing trade and investment and enhancing awareness and understanding of regional needs and wants via engagement with government, stakeholders, investors and community through the following actions.

- Supporting and promoting regional economic development
 - Development of strategies and plans to support collaborative and prioritised foci attributed toward regional, sector and business development.
- Supporting and driving economic investment decisions and opportunities
 - Facilitating public and private investment interest into the region.
- Providing intelligence, knowledge and information regarding regional opportunities and issues.
 - Improving Commonwealth regional policy making by providing intelligence.
 - Providing evidence-based advice to the Australian Government on regional development issues
 - Promoting greater regional awareness of and engagement with Australian Government policies, grant programs and research.

5.0 BUSINESS PLAN

The 2021/22 RDGW Business Plan, Outcomes, Budget, and Finances Report has been developed with a focus toward continuing the regional momentum from 2020/21 and reinvigorating the regional economy following the impact of COVID-19. RDA MIW along with its stakeholders has a heightened focus toward regional growth, development, trade, and investment facilitated through the delivery of strategies, planning, business proposals, research, advocacy, and effective partnerships. The regions focus toward achieving ongoing delivery and momentum aligns with the following focus areas and operations.

- **Developing infrastructure to enable regional prosperity and desired liveability**
 - Regional Water and Energy Security Infrastructure
 - Development and roll out of respective regional water and energy security plans which includes understanding of current water and energy availability and future demands in support of capacity to increase gross regional production across key industry sectors while supporting low costs for production and thus improved commodity sector and regional profitability.
 - Assessment of innovative approaches and solutions to increased water and energy use efficiencies and reduction of waste associated with these vital resources.
 - Identification of best bet infrastructure construction solution to ensure availability of suitable cost-effective quantities and water and energy to support current and future growth and development.
 - Transportation Infrastructure (road, rail, air and sea)
 - Continue support toward road, port, airport and rail infrastructure upgrades and new developments designed to enhance both freight and people transport and improve production consistency of supply e.g., overcome impacts of natural disasters via flood mitigation on roads and generally lower cost of supply of goods and services by ensuring travel is more effective and efficient.

- Safety and Resilience Infrastructure
 - Infrastructure to support a community's ability to prevent a potential threat, withstand the impact of a threat, positively react from any impact, and recover functionality and learn from the experience.
 - Focus on the construction of emergency and pandemic support centres that offer additional value in the form of innovation centres or hubs and community support spaces.
- Public Space and Culture Infrastructure
 - RDA to support stakeholders in the identification and development of infrastructure projects that promote shared meaning, sense of community and democracy. Focus on public space increasing interaction of diversity of people which in turn encourages social cohesion and promotes a sense of identity while practicing appropriate and required COVID-19 social distancing protocols.
- Technology Infrastructure - research, universities, industries, government interconnects via fast and reliable communications.
 - Implement recommendations and solutions from the 2020 MIW regional digital Infrastructure Audit and Strategy and the 2021 Connectivity Infrastructure prioritisation report inclusive of connectivity and asset infrastructure audits and skills and knowledge audits pertaining to MIW digital and connectivity capacity and capability.
 - Assessment of future digital and mobile capacity needs to support business improvement, products and service and jobs for the future.
- Environmental Infrastructure - engineering and construction practice and hardware that provides sustainable water supply, waste disposal and pollution control to protect human health and safeguard the environment.
 - Work with local governments and private entities to identify and assess infrastructure and business opportunities and access grants support where able.
- **Providing Opportunities for Sustainable and Diversified Economic Growth**
 - Development of a regional economy driven by multiple industries and the development of new services and products within existing industries which leverage additional value from current and future capabilities and capacities and supports new market and new product development and penetration.
 - Advocate, plan, and support for investment in MIW Bio-Futures and Bio-foods via completion of studies and review of market opportunities via in market intelligence and investor interest assessments, regional industry strategy plans, investment prospectus and products supporting trade and investment and services delivery from service providers.
 - Support and where appropriate lead development of Service Centres and Cluster Hubs aligned to METS, EV solutions, Hydrogen, Agriculture and Food Export, Digital Services, Aerospace, Education and Skills Development, Freight and Transport, Energy and Water.
 - Facilitate the identification of waste processing opportunities, markets, products and services within agriculture, mining, and local government sectors.
- **Generating and Enabling Trade and Investment Opportunities for Growth**
 - Building capacity within respective industries and the MIW to take advantage of trade and investment opportunities - includes the establishment of advisory groups and support networks to facilitate trade and investment activity and outcomes.
 - Developing investment and trade information products for domestic and global interest groups that supports MIW region.

- Commence implementation of supply chain recommendations from studies and consultations for agribusiness/food/ waste and Mining/ METS sectors where the focus is to start to realise export opportunities and foster business uptake within supply chain gaps.
 - Focus on the development of new services and products that are desired by customers and where the MIW region has a competitive advantage over its competitors and or where MIW can partner with other regions to realise trade and investment solutions.
 - Support the development of regional export infrastructure aligned to priority sectors.
- **Skilling and empowering our people to fulfil business needs, jobs, and workforces for the future**
 - Understanding the challenges and identifying the solutions toward empowering the regions unemployed to take up regional development and job opportunities – alignment with Federal Government Local Jobs program and reskilling programs via federal and state government.
 - Creating tomorrow leaders today and fostering improved business and community leadership.
 - Identification of current, emerging, and future industries and jobs across all major sectors. Understanding the types of skills and knowledge that will be required to support advancements in products and services provision within heritage and new industries both for domestic and global markets.
 - Enabling education infrastructure and community innovation hubs - includes empowering regional start-ups and business entrepreneurs.
- **Building strong connected, vibrant, and sustainable regional communities**
 - Continuing the establishment of a regional Greater Whitsunday regional identity.
 - Reducing the impact of inhibitors to Greater Whitsunday community and business development such as Energy prices and Insurance costs.
 - Improving community and NFP sector organisation capacity via skills and capacity development.
 - Supporting social Infrastructure development this includes hospital, sports areas, city centre and other amenity and general community landscapes – focus toward creating an area where people want to live, learn, and play.
 - Working with community and stakeholders to enhance regional community tolerance of diversity regarding social, cultural, and environmental values and ideals.
 - Support community groups focused on managing living affordability, cultural and social cohesiveness, and sustainable landscapes.

6.0 REGIONAL PRIORITIES

6.1 Summary of top 5 strategic priorities for upcoming year:

1. Developing infrastructure to enable regional prosperity and desired liveability- through a partial lens of COVID-19 Recovery and a major focus toward industry and jobs transformation changes and alignment with Industry 4.0.
2. Providing opportunities for sustainable and diversified economic growth.
3. Generating and enabling trade and investment opportunities for growth.
4. Skilling and empowering our people to fulfil business needs, jobs, and workforces for the future.
5. Building strong connected, vibrant, and sustainable regional communities.

6.2 Summary of top 5 key business activities for upcoming year:

1. Diversify the MIW Regional Economy – where the MIW economy is supported by multiple industries and where this diversity within and across industries allows the region to be resilient to respective downturns in industry sectors.
2. Create, maximise, and extend local supply chain opportunities – where local SME business become more globally competitive.
3. Secure key infrastructure development to support diversity of industries and enhanced export capability -where the MIW region is understanding of its major infrastructure needs to support producer to customer supply via connected road, rail, air and sea assets. Includes the focus toward enhanced digital service connection to support business adaptation.
4. Reliable safe and sustainable water and energy supply – where the MIW region is fully understanding of its water and energy needs both now and into the future and how we best ensure adequate, sustainable, and cost-effective access to these primary resources.
5. A regional work force that is skilled and prepared for future jobs – where the MIW region understand likely workforce, skills, and training needs for various industries into the future. Includes understanding of the role of technology infrastructure will have in supporting regional skills and jobs.

7.0 RDAMIW ACTIVITIES, OUTCOMES AND PERFORMANCE MEASURES FY 2021/2022

OUTCOME 1	Facilitate regional economic development outcomes, investment, jobs, and local procurement.
PART 1 – FOR THE ANNUAL BUSINESS PLAN	
What will we do?	
<p>The 2021/22 RDAMIW Business Plan has been developed with a focus toward continuing the regional momentum from 2020/21 and reinvigorating the regional economy following the impact of COVID-19. RDA MIW along with its stakeholders has a heightened focus toward MIW growth, development, trade, and investment facilitated through the delivery of strategies, planning, business proposals, research, advocacy, and effective partnerships. The regions focus toward achieving ongoing delivery and momentum aligns with the following focus areas and operations.</p> <p>Summary of top 5 strategic priorities for upcoming year:</p> <ol style="list-style-type: none"> 1. Developing infrastructure to enable regional prosperity and desired liveability- through a partial lens of COVID-19 Recovery. 2. Providing opportunities for sustainable and diversified economic growth. 3. Generating and enabling trade and investment opportunities for growth. 4. Skilling and empowering our people to fulfil business needs, jobs, and workforces for the future. 5. Building strong connected, vibrant, and sustainable regional communities. 	PART 2 – FOR THE ANNUAL REPORT ON OUTCOMES What did we do? <p>Overall RDA GW in 2021/22 was directly involved in leading or supporting via active operational involvement a broad range of regional development and investment initiatives. A high-level summary of RDA GW outputs in 2021/22 include</p> <p>Collaborations</p> <ul style="list-style-type: none"> • RDA has supported over 30 key Initiatives in the region in 2020/21 <p>Community Engagement - should be noted this does not include all federal, state, and private engagement activities in the Greater Whitsunday region, but rather those that RDA GW has been significantly and or directly involved with;</p> <ul style="list-style-type: none"> • In total community participation and involvement in RDA GW run events, workshops and presentations has totalled over 2000 people being in attendance a broad range of RDA GW run events and engagement processes – these include • Regional Development Road Map - 4 workshops with over 60 community and business attendees per workshop • Global Export Centre Presentation – Over 80 business attendees • Regional METS export strategy – 3 workshops with over 60 attendees per workshop • Agri-business Workshops – 5 workshops run with average of 30 -40 participants per workshop • RDA Meet and Greet – Mackay, Whitsunday, and Isaac - 3 workshops with over 30 attendees per workshop • Aerospace and Aviation development Update workshops - 4 workshops run through the region - on average 30 participants per workshop • SME business support – 2 grant workshops and an average of 30 people per workshop, 2 Start Up business workshops average of 20 attendees per workshop, • Employment and Jobs of the Future Skills Workshops - over 8 workshops run over the year and an average of 60-7- attendees per workshop <p>Financial Investment and Business Development Support</p> <ul style="list-style-type: none"> • RDA has directly invested in 11 project theme areas in the region - investing in total \$100K of its own funds. • RDA GW directly invested \$318K to support its own operations, administration, and governance. • RDA GW in collaboration with partners was able to secure the following public and private investment support (external to RDA GW investment) to support regional infrastructure and business development and investment - it should be noted this does not include all federal, state, and private investment into the Greater Whitsunday region, but rather those investments that RDA GW has been significantly and or directly involved with. <ul style="list-style-type: none"> o Activity 1 - Regional Road Map - \$60K o Activity 2 - Development of Regional METS Export and Services Capability - \$35.25M o Activity 3 - MIW Agribusiness Futures Alliance Program - \$105.62M o Activity 4 - Bio-futures and Bio-foods Development Program - \$20.72M o Activity 5 - Aerospace and Aviation Development – \$15.5M o Activity 6 - Transport and Freight Planning and Construction of critical freight and transport Infrastructure - \$795.08M o Activity 7 - Implementation of Energy and Water Infrastructure –\$425K o Activity 8 - Employment and Skills Development -\$5.8M o Activity 9 - Sport and Recreational Infrastructure - \$4.34M o Activity 10 - Digital Connectivity Improvement -\$8.45M o Activity 11 - SME Business Support - \$3.5K

	Partners RDA Partners with 79 organisations to support and promote economic development in the region		
Activity 1			
Regional Economic Development Road Map or Strategy (Lead/Championed) Regional Development Australia Funding for the period 2021- 2025, requires each RDA Committee to complete a Regional Economic Development Road Map or Strategy - The focus of the Regional Economic Development Road Maps is that respective regions, industries, and stakeholders will collaborate to prioritize economic stimuli and seek investment support from local, state, and federal government and the private sector to drive local economic growth. The Road Maps provide potential for economic inducements through prioritization and provision of initiatives as new and upgraded civil and social infrastructure, job creation and skills development and water and energy security. In a nutshell – via completion of a Regional Sustainable Development Road Maps it is hoped will deliver better coordinated investment across RDA regions via confirmed agreement toward the key areas of economic development focus. The Greater Whitsundays region has the potential to take a Regional Sustainable Development Road Map Strategy to the Commonwealth and State governments into the future. There is a need to provide a clear, concise, and robust document that foretells the economic vision for the MIW region for the next 10-15 years and key initiatives and commitments that will help deliver the vision. The principal objectives of the development of Greater Whitsunday Sustainable Economic Development Road Map will be to. <ul style="list-style-type: none"> Identify a clear and robust vision for the Greater Whitsundays region that builds on the existing strengths and identifies future opportunities to create resilient regional economy, environment, and community. Identify key projects and programs that will provide local economic stimuli. Identify new opportunities for collaboration, alignment, and preparedness for transformational change. 	Regional Economic Development Road Map or Strategy (Lead via RDA GW) The Regional Economic Development Road Map was completed in December 2021 and was officially launched to the public in February 2022 . Achieving buy-in and support for the region’s short and long term economic and social prosperity demands a collaborative process. The Road Map has been developed through engagement and dialogue with a range of regional stakeholders across industry, business, government, and non-government sectors. The process was shaped by the goal of achieving a balance between economic prosperity and community liveability. Together, over two faces to face workshops, virtual workshops and feedback on draft versions, the Road Map sets out the challenges to be faced, the shared vision for the next decade and the driving themes and enablers required to deliver the vision. The Road Map has formal support from all major stakeholders including local government and private sector business. Supporting the Road Map’s development RDA GW enlisted the support of AECOM. The Road Map’s development process included engagement with over 100 regional stakeholder and business leaders across 4 workshops (2 face to face and 2 online) . Via the Road Map development process stakeholders identified over 170 regional development projects, policies and programs and then prioritised this list to all up 17 project, programs, and policy actions that over the next 1-10 years are priority for development and investment to support regional development. A copy of the Road Map and supporting workshop reports can be found at https://www.rdagw.org.au/economic-development-roadmap The role of the Road Map prioritises stakeholders’ views on key strategic initiatives designed to harness the region’s opportunities and build long term competitive advantage. The Road Map is unequivocal in its stance to highlight opportunities that reflect regional aspirations to build prosperity and economic resilience. This Road Map reflects a vision for our future and will be a living document reviewed annually and updated as the future unfolds.	Provide details of outcomes	\$ / Number Investments (\$) \$118,000 in total allocated \$45,000 from Local government \$15,000 from DITRDC \$58,000 from RDA GW RDA GW in-kind support - aligned to participation in regional working groups, project proposal development, services/ contract oversight, strategy development or business plan or feasibility development and advocacy and workshop activity <ul style="list-style-type: none"> RDA GW - CEO - 150hrs RDA GW - Project officer - 115 hrs Jobs (number) Directly the Road Map employed 2 AECOM staff for 6 months, part time . In total the 17 identified projects and program economic enabler initiatives would support just over 2,200 construction jobs and 5,300 direct and indirect operational jobs across the next 3 -10 years Local procurement (\$) In total the 17 identified project and program economic enabler initiatives would support investment of almost \$895M across the next 3-10 years and would be a combination of public and private investment Other regional development outcomes (\$ / number) Since the completion of the Road Map the region has secured \$394M of public and private funding support the is enabling the projects to be completed. That are aligned to the Regional Road Map enabling projects. Understanding that the Regional Development Road Map has initially not mentioned some key enabling infrastructure investments that support regional development - this is due to the stakeholders forming a view that investment toward some core enabling infrastructure such as roads, ports, etc... are considered ongoing and fundamental to economic development.

<ul style="list-style-type: none"> Support future bids for regional funding aligned to infrastructure and community development. <p>Key actions and outputs for the completion of the strategy /road map include.</p> <ul style="list-style-type: none"> Proposal developed Establishment of regional stakeholder working group Funding for strategy development in place, DITRDC, RDA MIW, Local Government and Peak Bodies. Consultant sourced Workshops and engagement completed Completed strategy by October 2021 Strategy leading to development of regional agreement on areas of investment 	<p>From the Road Map process RDA GW has already seen stakeholders and private and public business complete additional investment and actions post the complete of the Road Map – these include.</p> <ul style="list-style-type: none"> Critical Minerals testing and commercial Centre - \$5.7M in state government funding and Mackay Regional Council provision of 1ha of land Isaac Resources Excellence Hub - \$2M in state funding and Isaac Regional Council provision of 8.5ha land Greater Whitsunday Bio-futures – State government commitment of \$1M and commitment of \$150K from regional stakeholders toward bio-futures investment study and prospectus. Agreement from all major stakeholders within housing and accommodation industry to complete a Regional Housing Summit in 2022/23. Missing Link - Commitment from Qld DTMR to complete a study /plan aligned to works for the section of road. Regional Transport and Freight Strategy - RDA GW along with GWCOM and airports in the region have committed to the completion of an aviation strategy. RDA GW along with NQBP and BHP have committed to the assessment of a sea freight containerisation assessment study for Mackay port. WRC has committed to the completion of an initial concept business case - \$250,000 Aircraft Australia has committed investment (\$1M) to commence development of an aviation training academy from Mackay Airport - RDA GW along with other supporters will be facilitating access to public funding and grants. Abbot Point space launch site – was approved for development in early 2022 and will be launch capable in early 2023. RDA GW continues to support the proponent. Bowen River Utilities formally submitted it final EIS and business case to the Qld Government Coordinator General Office in early 2022 and continues to progress its project with investors, stakeholders and as customers. BRU secured just over \$25M in federal funding support for business case and feasibility assessment. Water for Bowen Pipeline was awarded \$3M in early 2022 to complete a business case for the supply of water. The proponent is currently completing business case development. Gas Supply to Mackay and other locations - RDA GW along with respective local governments completed initial studies (\$150K) evaluating gas pipeline routes and construction costs and early assessment of commercial demand for gas. RDA GW along with industry and water sector stakeholders complete 2 proposals aligned to this enabling priority and is 	<p>Other facilitation activities</p>	<p>The Road Map has identified 17 enabling projects or programs initiatives that were determined by stakeholders as being those initiatives of prominent focus for the Greater Whitsundays Region.</p> <p>RDA GW has committed to undertaking an annual review and refinement of the Road Map to ensure it remains current. This process will include running sub regional workshops with stakeholders in Feb /Mar each year at which stakeholders will review the current enabling projects list and fine tune the list of projects initiatives.</p> <p>A regional Housing Summit was identified as a key enabling activity with the Road Map - RDA GW in concert with GW communities (GWC) and Greater Whitsunday Alliance (GW3) will seek to complete a housing summit in 2022/23FY with stakeholders.</p>
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	<p>currently talking with public and private investors to support projects delivery.</p> <ul style="list-style-type: none"> • Mackay Health and Hospital Services received \$54M from state government to support Moranbah Hospital upgrade and \$250M for Mackay Hospital Upgrade and \$20.6M for Sarina hospital upgrade. • Investment of collectively over \$10M toward improved Digital and Telecommunications Infrastructure across Mobile Blackspot, Regional Connectivity programs, NbN Co and Telstra funded programs have been set for 2022/23 for the region. In addition, the RDA GW has supported local stakeholders in the completion of a regional digital Road Map due for completion in late 2022 calendar year 		
<p>Activity 2</p>			
<p>Development of Regional METS Export and Services Capability includes sub programs</p> <ul style="list-style-type: none"> • METS Export Hub • METS Qld Future Partnership <p>METS Export Hub (Lead Championed) - Hub focus is to increase exports of METS services and products - project has completed MIW business capability and capacity assessment and Global Market Analysis in 2020/21. In 2021/22 the project will finalise a METS export strategy and commence delivery of business support programs to support a growth in MIW METS business successfully exporting products and services.</p> <p>RDA MIW is a member of project advisory group - strategic project development + projects management, development, and review + implementation planning for building METS business capacity, capabilities and increasing markets awareness of METS export offerings, bimonthly meetings, strategy planning, funding development – includes investigation of further funding and development across 2021/22. Working group meets monthly.</p> <p>Key actions will include the development and delivery of MIW METS Export Strategy which focuses on.</p> <ul style="list-style-type: none"> • Communicating the value of export to existing METS businesses. • Improving the MIW METS sector to be capable of exports and working with businesses to improve their individual business' product and services capabilities. 	<p>METS Export Hub (Co lead by RDA GW)</p> <p>RDA GW focus and involvement in this project supports local METS SME business ability to offer services to a global customer and in doing so create the ability for local METS business to reduce risk associated with peaks and lows attributed to domestic mining. The Mining and METS industry aligned to coal in the GW region is unique in that most of the METS services providers are SME business. These businesses are global leaders in innovation and technology development and deliver global exemplar services and products to support the domestic mining industry. Historically coal commodity prices have 10 year cycles (high and lows) - During low coal commodity prices mining companies reduce the use of METS services, this has a profound effect on local SME METS business and the regional economy - 65% of Greater Whitsundays annual regional economic output is linked to coal mining and aligned METS services - a partial solution to reduce impact of domestic coal commodity price downturn is to build capacity and capability for METS business to export and diversify their products and services and clients and thus diversify business risk.</p> <p>In the 2021/22 FY RDA GW supported the Mining and METS industry stakeholders (Resources Industry Network or RIN) to complete a METS Export Strategy – supporting the strategy was also the completion of MIW METS Industry Capability Supply Chain Study completed in September 2020 and an International METS Market Study completed in May 2021 .</p> <p>Links to previous studies</p>	<p>Provide details of outcomes</p> <p>Investments (\$)</p> <p>Jobs (number)</p>	<p>\$ / Number</p> <p>METS Export Hub - \$250,000 in total.</p> <ul style="list-style-type: none"> • Federal and state funding- \$200,000 • GW regional Stakeholders - \$50,000 includes RDA GW commitment of \$5,000 + in-kind of 40 hrs of RDA GW staff time over FY. <p>METS/Mining Qld Futures - \$35M in total (not all for GW region)</p> <ul style="list-style-type: none"> • \$30M - Future of Work Program (National Program - GW region is focus area) • \$2.5M - Future Skills Partnership • \$2.3M - Chair of Automation Program <p>RDA GW in-kind - aligned to participation in regional working groups, project proposal development, services/ contract oversight, strategy development or business plan or feasibility development and advocacy and workshop activity.</p> <ul style="list-style-type: none"> • METS Export Hub - 60hrs • MES Qld Futures Partnership - 60hrs <p>METS Export Hub - has supported 2 FTE within RIN to support export ready program</p> <p>METS/Mining Future Skills – has in total supported</p>

<ul style="list-style-type: none"> • Enrolment of METS exports business into business development and improvement programs. • Promotion of MIW Mets sector internationally • Ongoing Commitment to innovation and continuous improvement • Maintaining operations of the Export Hub <p>METS Qld Future Partnership (Contributed to) The METS Qld Future Partnership is BHP funded project driving the development of Industry 4.0 Skills and Capability relating to argumentation and automation of technology use in the workplace and includes development and delivery of workforce skills development aligned to robotics, IoT, sensors, etc. within the Mining and METS workforce in the MWI region. The focus toward tech automation and augmentation relates to a need to enhance productivity and make workplaces safer RDA MIW CEO is a committee member to this project - committee provides strategic advice and development advice to service and products development - project is administered by Qld Tafe and CQU Tafe. Working group meets quarterly.</p> <p>Key actions will include.</p> <ul style="list-style-type: none"> • Development and certification of new digital automation, argumentation skills training products across secondary, VET and higher education and micro credential platforms. • Trialling of the training products with workers in the sector and evaluation of changes in workplace operations and productivity. • Review of program operations and deliverables to devise ongoing development and delivery activity. 	<p>https://www.resourceindustrynetwork.org.au/EXPORT-HUB/MIW-METS-Industry-Capability-and-Supply-Chain-Study</p> <p>https://www.resourceindustrynetwork.org.au/EXPORT-HUB/International-In-Market-Study</p> <p>See link to strategy</p> <p>https://www.resourceindustrynetwork.org.au/Portals/13/REGIONAL%20EXPORT%20STRATEGY%202021_1.pdf</p> <p>RDA GW provided \$5K in cash support and provided in-kind resources to support the development of the strategy in 2021/22. RDA GW via its role on the METS Export Hub Working group has also supported the development of a METS Export Ready Course. A course that provides METS businesses with the fundamentals aligned to export success</p> <p>See link to Export Ready courses - https://www.resourceindustrynetwork.org.au/EXPORT-HUB/Export-Ready-Courses</p> <p>METS Qld Futures Partnership (supported by RDA GW)</p> <p>The METS Qld Futures Partnership is an amalgamation of now three programs</p> <ul style="list-style-type: none"> • \$2M (BHP) and \$500K (CQU/ Qld Tafe) funded Future Skills Partnerships Project. See link - https://tafeqld.edu.au/campaigns/queensland-future-skills-partnership • \$30M (BHP) Future of Work Program that is designed to upskill 1000 people in regional mining areas (including Bowen Basic and Mackay) - effectively the programs is a scholarship that covers the remaining costs of student contribution fees for eligible courses – See link - https://www.regionalfutureofwork.com/ • \$2.3M (BHP) funding for the CQU Chair of Automation and Futures Work Skills project - focus of this investment supports research and development investment toward new technology use and higher education development aligned to Mining and METS sector . See link - https://www.cqu.edu.au/research/organisations/chair-in-automation-and-future-work-skills • In concert the programs support skills and knowledge development across secondary school, apprentices, advanced apprenticeship, and existing workforce in the adoption of new 	<p>Local procurement (\$)</p> <p>Other regional development outcomes (\$ / number)</p>	<ul style="list-style-type: none"> • Future for Work Program <ul style="list-style-type: none"> ○ 3 FTE local staff work on program in GW region ○ Numbers of participates in the advanced apprenticeship asn short courses thus far is not known but target is 1000 over • Future Skills Partnership <ul style="list-style-type: none"> ○ 3 FTE staff in Qld Tafe working on regional programs and 3 FTE in CQU ○ Over 30 secondary school students in the GW region have enrolled in school micro credential program. ○ Over 40 Mining METS staff in the region have completed micro-credentials thus far. • Chair of Automation and Future Work Skills Program <ul style="list-style-type: none"> ○ 2 FTE staff employed ○ 10 students thus far put through the program <p>METS Export Hub</p> <ul style="list-style-type: none"> • \$100,000 of the total funds supported regional based staff and operations for the Mackay Based Resource Industry Network organisation. <p>METS Export Hub</p> <ul style="list-style-type: none"> • Further investment via public and private funding is being explored to further the exports readiness of SME METS businesses. <p>Futures Skills Partnership</p> <ul style="list-style-type: none"> • RDA GW provided letter of support to Qld Tafe which has seen Qld Gov has provided an extra \$3M in 2022 – 2024 to further role out the school's component of technology skills development linked to METS. <p>Chair of Automation and Future Work Skills</p> <ul style="list-style-type: none"> • With RDA GW letter of support and proposal development support - CQU has received \$9M in federal funding to support the development of an EV vehicle training and skills development Centre of Excellence – the investment will support additional VET and higher education development for workforce of future linked to EV and hybrid EV
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	<p>and additional skills and products/tools as they relate to mining and METS jobs of the future and directly incorporate the skills and knowledge aligned to Industry 4.0 in the workplace to support the use of technology, robotics, automation and IoT in the workplace.</p> <p>RDA GW involvement in the partnership includes the following.</p> <ul style="list-style-type: none"> Initial program proposal development and pitching to BHP as part of a consortium of regional stakeholders in 2019. From 2019 to current RDA GW undertakes a committee member advisory role on the partnerships steering committee and has also provided technical input to the project's operations and product development. <p>In 2021/22 the partnership project was able to complete the following.</p> <ul style="list-style-type: none"> Future Skills Partnerships has completed development and pilot tests within secondary schools - as of end of 2021/22 FY over 30 students have completed testing and micro-credentials - The completion of this work in less than 18 months is a first in Australia and has now translated to the Qld Gov providing an additional \$3M to Tafe Qld to broaden its roll out of the program to other schools in Qld. Future of Work program is currently taking in applications for its advanced apprenticeship program with the first cohort of people to commence in 2023. While the Future of Work short course program (Round 8) is open to students enrolling in a short course (Undergraduate Certificate or Graduate Certificate) with a Commonwealth Supported Place (CSP) Chair of automation and future Work Skills program has <ul style="list-style-type: none"> completed a study to map the current ecosystem of education and training offering in the region. https://www.cqu.edu.au/_data/assets/pdf_file/0017/251135/viljoen-Industry-4.0-skills-and-education-framework-october-2021.pdf together with stakeholders prepare submission for the Australian Coal Industry's Research Program (ACARP) Project. working with Resources Centre of Excellence on a case study, titled 'Regional collaboration, the key to community empowerment and workforce transitioning towards I4.0'. 	<p>Other facilitation activities</p>	<p>technology development and work force skills development.</p> <p>Linked to the above work and other innovation focused programs RDA GW supported the Resource Centre of Excellence (RCOE) in Mackay toward its successful acquisition of \$6M toward stage 2 of the RCOE development - Stage 2 development will see a focus on the placement and accommodation of new technology development companies to the region (critical Minerals and Low Carbon Industries) - Stage 2 development already has commitment from innovation development business to locate staff and operations from Mackay - stage 2 development is earmarked as a key project activity the RDA GW regional Development Road Map https://www.rcoe.com.au/</p> <p>RDA GW has worked with Isaac Regional Council to secure a 8ha land site made available by council to support the Isaac Resources Excellence Hub - RCOE expansion (stage 3) to establish an Innovation Centres of Excellence in Moranbah - multi-sector in focus the centre seeks to provide housing for innovation based companies seeking to establish operations within Isaac region as well as a place for professionals and students alike to operate from and utilise - such a facility would also cater from business meetings and events - funding via both state and federal governments and private investors is being sought - while ongoing operations will be based on commercial tenancy and use arrangements. The initiative is an identified key enabling projects within the RDA GW Regional Development Road Map. https://www.statedevelopment.qld.gov.au/_data/assets/pdf_file/0026/76184/isaac-regional-council-presentation.pdf</p>
<p>Activity 3</p>			

MIW Agribusiness Futures Alliance Program (MIW AFAP) includes sub programs	MIW Agribusiness Futures Alliance Program (MIW AFAP) – (Co lead)	Provide details of outcomes \$ / Number	
<ul style="list-style-type: none"> • Agribusiness Export Study • Ag Tech - Regional Strategy and Virtual Hub • Agribusiness and Aquaculture Digital Futures Hub • Clermont Saleyards Upgrade • Food Processing Plant Feasibility Plant in Bowen • Aquaculture Feed Mill Feasibility <p>Agribusiness Export Study - (Lead/Championed) - The focus of this study will explore international demand for all MIW agricultural produce, including those with less mature export capabilities, like horticulture and aquaculture (a new and growing sector for the MIW region). The research will also highlight key enablers of export success as well as recommended market entry strategies for preferred international markets. From this study exporters will be supported via a project working group of key regional stakeholders to further fresh produce export. Project Working groups meets monthly meetings, and from the project key strategy planning, funding development and further export supports functions and activities will be implemented.</p> <p>Key actions will include.</p> <ul style="list-style-type: none"> • Development of project proposal • Review consultant's application • Review report findings and recommendations • Commence delivery toward recommendations via stakeholder commitment and sign off toward a regional export strategy and plan. <p>Ag-tech Regional Strategy and Virtual Hub (Lead/Championed) - Under the MIW Agribusinesses Futures Alliance strategic priorities there is a focus to promote regional innovation through technology transformation and adoption. There is a critical need within the MIW region to assist agriculture producers, processors, and those within the broader value chain to be more aware of and seek active use of technology systems, products, and services within continuous learning processes. The adoption and use providing longer term solutions to increase productivity, lower production costs and lessen the reliance on any manual labour workforce which is impaired due to COVID-19 impacts.</p>	<p>The MIW AFAP (now called the Greater Whitsunday Agribusiness Futures Alliance) is a project that integrates a range of sub projects that have common benefits across multiple agriculture commodities or sectors. The MIW AFAP was a RDA GW developed proposal that followed 2 years of RDA GW hosting an agriculture think tank committee that explored early concepts and programs designed to increase rural production and food manufacturing productivity and growth in the region.</p> <p>The MIW AFAP is not a legal entity as such but is a defined and membership supported project initiative. The host (administering body) of the MIW AFAP is the Greater Whitsunday Alliance (GW3) and the project operations are coordinated via a management executive comprised of RDA GW, QDAF and GW3 and overseen by a committee of members made up of leading regional rural peak bodies, state agencies and major food manufacturers in the region.</p> <p>Sub projects in 2021/22 include.</p> <ul style="list-style-type: none"> • Agribusiness Export Study - Study was completed in Jun 2022 - recommendations from the report are now being reviewed and further worked on to see if they can directly translate to works and actions progressing forward to support increased rural production and exports for some crops - see link https://www.greaterwhitsundayalliance.com.au/new-blog/greater-whitsunday-agribusiness-supply-chain-baseline-study • Ag Tech - Regional Strategy and Virtual Hub - funding of \$200K was secured from FIAL to support the development of an Agtech strategy /action plan and a virtual hub/portal - the hub /portal is designed to be a one stop shop and information source for regional agribusiness supply chain to learn and understand all things technology and innovation and will see the hub have formal links to other similar regional hubs in Australia and O.S. and will have with links to private industry technology development news and information aligned to Agtech. The hub/portal development has been commenced and is set for completion and launch in February 2023 – semi-operational version of the portal/hub has been shared with MW AFAP members for feedback and improvement since June 2022. The Greater Whitsunday Regional Agtech Strategy is almost complete and is a document that has support from the MIW AFAP. 	Investments (\$)	<p>MIW AFAP annual Income in 2021/22 was \$600K</p> <ul style="list-style-type: none"> • \$100K from GW3 • \$10K from RDA GW • \$10K from QDAF • Remaining Funds have been secured from grant programs and project level funding <p>RDA GW in-kind - aligned to participation in regional working groups, project proposal development, services/ contract oversight, strategy development or business plan or feasibility development and advocacy and workshop activity.</p> <ul style="list-style-type: none"> • Agribusiness Export Study – 50hrs • Ag Tech - Regional Strategy and Virtual Hub - 40hrs • Agribusiness and Aquaculture Digital Futures Hub - 60hrs • Clermont Saleyards Upgrade - 15hrs • Food Processing Plant Feasibility Plant in Bowen - 30hrs • Aquaculture Feed Mill Feasibility – 20hrs
		Jobs (number)	MIW AFAP directly supports 2 FTE project officers and access the services of consultants on sub projects on an as needed basis.
		Local procurement (\$)	Workshops run to support Agtech adoption, export market studies, technology skills development and communication of the sub projects to stakeholders utilises the support of catering and event service providers in the region. In 2021/22 it is estimated that in total over \$30,000 was spent supporting regional workshop within the GW AFA project and that in total over 1000 people across the year attend various workshops. Catering for these events averages at \$20 per person, in additional local venue hire and other workshop services are utilised.
		Other regional development outcomes (\$ / number)	<p>The GW AFA Project was successful in securing the following additional funding for 2021/22 FY</p> <ul style="list-style-type: none"> • Agribusiness Export Study \$250,000 - supported 2 FTE jobs in the FY.

<p>These technologies include biotechnology, smart farming, 'precision for decision' agriculture, robotics, sensing technology, Internet of Things (IoT) connectivity, biosecurity, and food quality surveillance.</p> <p>A specific MIW regional Ag-tech strategy will allow for agribusiness stakeholders to collaborate toward a common vision across various commodities and provide a single point of reference and advocacy in relation to supporting agribusiness technology and systems development and funding acquisition.</p> <p>The development of regional Ag-tech Hub and virtual platform follows feedback from regional producers that they find it difficult to engage in ongoing learning. Due to time pressures and remoteness rural producers find it difficult to engage in ongoing learning. When turning online, producers are left feeling overwhelmed, frustrated, and inefficient, unable to find the answers or opportunities they are looking for in a timely manner.</p> <p>The MIW Ag-tech Virtual Hub is designed to be a one-stop farming hub online to connect producers, farmers and fishers to agricultural resources, information, opportunities, and, to each other.</p> <p>Key actions will include.</p> <ul style="list-style-type: none"> • Development of a MIW regional Ag-tech Strategy with stakeholders and from the strategy prioritise key Ag-tech areas of focus and commence delivery toward these priorities. • Secure regional peak body and government funding support to implement strategies and Ag-tech virtual hub • Review existing Ag tech virtual hubs and liaise with known hub developers to scope cost and operations, from this intelligence then commission development. • Working with regional peak Ag Bodies promote the Hub and its services and undertake annual review of the hub performance and under continuous improvement in the hub's offerings <p>Agribusiness Digital Futures (Lead/Championed) - with funding support from the federal government Regional Recovery Partnerships (RRP) Program RDA MIW coordinated a collaborative response to make use of \$10M over 2 years to support shovel ready agribusiness infrastructure and sector skills development projects. Over 2021/22 and 2022/23 \$1.5M will be utilised to support the development of industry 4.0 Skills within the Horticulture and Aquaculture industries.</p> <p>The impact of COVID-19 has seen these two commodities suffer from lack of access to visa-based workforce (backpackers). Combined</p>	<ul style="list-style-type: none"> • Agribusiness and Aquaculture Digital Futures Hub - funding of \$1.5M was secured by RDA GW from the regional COVID Partnership Recovery Grants Fund. Funding was made available to the region in 2020/21. The focus of the project is to create both VET, and micro credentials training products and curriculum to support agribusiness skills and workforce development as it relates to digital and agriculture technology use. <p>The impacts of COVID 19 and isolation protocols were profound on the rural sector via the loss of visa migrant workforce (backpackers) especially within the horticultural and aquaculture industries and aligned to harvest and processing activities. The impact showcased the vital need for the agriculture sector to increase the adoption of automation, robotics, and technology augmentation in the rural supply chain workplace to lessen the heavy reliance on human labour.</p> <p>Several technology equipment and infrastructure advancements are available and were commencing implementation by rural producers and processors all be it slowly prior to COVID. Feedback from the sector highlighted that the use of agricultural technology was being slowed by a workforce that was not skilled in technology use, maintenance, and development. The Agribusiness and Aquaculture Digital Futures Hub is directly focused on this issue of workforce technology knowledge and skills development while other aligned projects will focus on rural technology infrastructure, products, and development.</p> <p>By the end of 2021/22 FY the project had successfully.</p> <ul style="list-style-type: none"> ○ Signed off on federal and state government project contract agreement. ○ Set up all operation structures and advisory working groups ○ Established staff resources and operations plan for the project. ○ Completed the initial review of national skills and learning products and offerings linked to Ag tech and technology skills and training and reviewed other similar products in other sectors (e.g., METS and Mining) ○ Identified gaps in learning material ○ Identified the types of learning products required to be developed and the types of users' personas ○ Commenced the development of learning VETS qualifications and Micro credentials products and curriculum and commenced alignment of these were 	<ul style="list-style-type: none"> • Agtech Regional Strategy and Hub Project - \$200,000 • Agribusiness and Aquaculture Digital Futures Hub - \$1.5M of public and private funding support - supporting 4 FTE jobs in development • Clermont Sale Yards - \$3.3M of funding support from public and private funding sources - 10 jobs during construction and 2 jobs in operational phase <p>Other facilitation activities</p> <p>At the end of 2021/22 the GW AFA Project did submit to Qld government agency an additional project proposal seeking to develop an AgTech Activator Network.</p> <p>The Agtech Activator Network function is to provided resources to support active extension and connection between Agtech developers and users of Agtech - the \$250K proposal at the end of FY 2021/22 had been approved for funding but service agreements had not been executed.</p> <p>During 2021/22 RDA GW in concert with other partners involved in the GW AFA Project completed technology information workshops . The workshops showcased technology adoption across agriculture in Australia and invited guest speakers to showcase the technology solutions and products and services they are providing. In total 3 workshops were run in 2021/22 with over 70 rural producers, food manufacturing and other interest groups taking part in the workshops.</p> <p>RDA GW in conjunction with QDAF lead a program of business investment attraction some 3-4 years ago in line with Aquaculture (predominantly prawn farming) in the GW region. This led to interest from Tassal (ASX listed Tasmanian Salmon producer) to set up a large aquaculture facility in the GW region. Over the past 2-3 years development has seen a 3000 tonne per annum prawn farming industry established with a workforce within the region of over 400 direct and 200 indirect jobs - this off the back of SME aquaculture investment and in the main from a Tassal \$100M of investment in the region over the past 3 years which has increased prawn production from noting to 2500 tonnes per annum and with immediate targets to increase to 5000 tonnes of prawns in the next 2-3 years and further expansion upwards of 20000 tonnes of prawns over the next 7-10 years.</p>
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<p>these rural sectors in the MIW utilise a workforce of almost 4000 casual workers per annum most of these being backpackers. It is evident that despite efforts to secure additional workers challenges remain in finding suitable rural worker numbers.</p> <p>It is evident that over the next 2- 5 years rural workforce dynamics will need to change toward the increased use of automation and technology augmentation to lessen the need and reliance on human labour. Even today commercially available innovation technology products and equipment allow for robotics, automation, and technology augmentation to lessen the reliance on human labour.</p> <p>However, a key challenge to the successful use and implementation of this technology is aligned to current and future workforce not being skilled in the use, upkeep, and repair of this technology. Opportunity exists to develop industry suitable skills programs, training, and qualification offerings for the secondary, VET and existing workforce (micro credentials) to support rural transition to industry 4.0 and rural jobs of the future.</p> <p>Key actions will include.</p> <ul style="list-style-type: none"> • Securing RRP funding provision to providers in the MIW region. • Developing RRP project framework and proposal • Enlisting support of regional stakeholders and education/skills developers to support RRP project and forming an Agriculture Digital Futures Cluster Hub. • Supporting education service providers in contract development and delivery • Establishing advisory groups to steer product and curriculum development to focused training and skills development in support of workforce capability. • Developing and certifying Industry 4.0 skills. • Validating the skills training offerings via trials and allowing for industry feedback toward improvement. • Promoting the new learning offerings and increasing community interest in working within the rural sector in the MIW region. <p>Clermont Saleyards Upgrade (Lead/Championed) - with funding support from the federal government Regional Recovery Partnerships Program RDA MIW coordinated a collaborative response to make use of \$3M over 2 years to support upgrade to the Clermont Cattle Yards.</p> <p>Beef production in the Isaac region contributes some \$277M in output and benefits more than 423 businesses in the supply chain and</p>	<p>appropriate to national standards. It should be noted that the above process in normal development stages takes 3-4 years, and this project is seeking to fast track this to within 2 years.</p> <ul style="list-style-type: none"> • Clermont Saleyards Upgrade - Beef grazing systems are the major agriculture industry in the Greater Whitsunday region – comprising an annual output of close to \$635M of sales per annum for the region. A key part of the beef grazing industry supply chain within the region is the Clermont Sales Yard and its bi-annual (6monthly) annual cattle sales and the role it plays as a short term stop over point (facility) for live cattle freight movement across Qld. In recent years this sale yard condition has deteriorated due to a lack of ongoing investment and declining viability of the facility's private owner. The decline in the asset and infrastructure has seen a drop off over 50% in annual cattle numbers utilising the facility. The ability to upgrade the cattle yards which includes , base infrastructure yard upgrade , improved loading and unloading facilities and also includes the adoption of new technology supporting face to face dn virtual auction sales capability is designed to increase cattle sale volumes through the facility and increase the stop over use of the facility as well. <p>The sale yards along with being a key part of the beef supply chain is also a key social piece of infrastructure given it is part of a broader asset including the Clermont showground – the planned upgrades of the facility include the development of new pavilion areas and meetings and study areas that can be utilised by the community at large to support several large community events along with the of the upgraded facility for increased beef sales.</p> <p>In 2021/22 the facility was purchased by the Isaac Regional Council to take on operations and management.</p> <p>At the end of the 2021/22 FY the following had been achieved</p> <ul style="list-style-type: none"> ○ Signed off on federal and state government project contract agreement. ○ Set up all operation structures and advisory working groups. ○ Established staff resources and operations plan for the project. ○ Works contracts had been approved – some slight redo here given the delay in access to materials due to COVID 	<p>https://www.couriermail.com.au/news/queensland/mackay/proserpine-prawn-farms-next-step-to-expand-operations/news-story/ed930d3e1caa7deb87939038cdb3f8ea</p>
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<p>directly provides 1002 jobs. More than \$18M in local wages, \$14M in local sales and \$258.8M in regional exports can be directly attributed to the beef industry in the region. More than 50% of the Isaac region's 423 supply chain agribusinesses are in the direct catchment of the Clermont Saleyards and importantly, the beef industry is the Isaac region's second highest employment sector.</p> <p>Investment in the upgrade of the Clermont Saleyards will provide significant economic benefit to the wider Greater Whitsunday region economy through:</p> <ul style="list-style-type: none"> Increasing capacity for sale and transit cattle and stemming economic leakage from the region. Improve operational efficiency and safety of the facility to attract, service and support the growing beef cattle throughput. Address essential end of life renewal of the facility and provide confidence and certainty to the regional beef industry and encourage private investment in the sector. <p>Improvements to the facility will also increase utilisation and attraction of major agricultural focused events. The all-weather facility upgrades will include investment in digital infrastructure, allowing TAFE Queensland and other research, education, and training delivery to the regional community in advanced technologies.</p> <p>Total direct economic growth expected from the project benefits being increased sales, transit cattle and visitation is approximately \$1.079M per annum. Investment will also deliver an increase to total wages and salaries, including all direct, supply chain and consumption effects by up to \$0.121M. Other value-adds, including all direct, supply chain and consumption effects, is estimated to increase by up to \$0.611 million and a total of five jobs will be created.</p> <p>Key actions will include.</p> <ul style="list-style-type: none"> Securing RRP funding provision to providers in the MIW region. Developing RRP project framework and proposal Enlisting support of regional stakeholders and education/skills developers to support RRP project and forming local project advisory groups to further opportunities aligned to the upgrade of the cattle sale yards. Promoting the new learning offerings and increasing community interest in working within the rural sector in the MIW region. 	<p>and implications of consumables cost increases due to COVID.</p> <ul style="list-style-type: none"> Works commenced at end of Jun 2022 and will continue through to end of Dec 2022. <p>Food Processing Plant Feasibility Plant in Bowen In January 2022 the private investment entity that RDA GW had worked with in consideration toward a food processing facility in Bowen went into voluntary administration. As such the opportunity that was being directly explored was terminated. RDA GW along with the Bowen Producer Association continues to investigate food processing opportunities as they arise.</p> <p>Aquaculture Feed Mill Feasibility Aquaculture is rapidly growing rural industry sector in the GW region. The increase in production is predominantly aligned to the State governments commitment to designated Aquaculture Areas in the region. State prescribed Aquaculture Areas are in effect government pre-approved locations for coastal land-based aquaculture development which in GW region totals over 2500ha. Since 2019 the company Tassal (best known for its Salmon farms in Tasmania) has bene on a very active development plan to produce farmed tiger prawns. This investment has seen prawn production in the GW region reach 3500 tonnes per annum, up from less than 200 tonnes pre-2018. Today the GW region constitutes 40% of Qld aquaculture annual value of production claiming an annual production value of \$73M p.a. (Prawn production focused in the main) Projected continued investment and growth rates will see a further doubling of production value outputs over the next 2 years. Similar aquaculture growth rates are being seen in Western Australia and Northern Territory all be it aligned to farmed barramundi in the main. All the growth in Aquaculture is associated with domestic sales - Australia being a strong importer of seafood - in fact 60% of seafood consumed in Australia is imported. Market buyer feedback suggests strong demand for Australian farmed seafood – see link to Qld Aquaculture production summary 2020-21</p> <p>https://www.publications.qld.gov.au/ckan-publications-attachments-prod/resources/850b067a-6cc7-48b9-977b-cc716bb2ebe3/2020-21-aquaculture-production-summary-report.pdf?ETag=669a0a76dceb4d3c212bf3a00680e696</p> <p>Of the back of this rapid expansion in Aquaculture, there are growing challenges associated with prawn feed and its timely supply to the region. In addition, as sustainability considerations related to GHG emission in the supply chain increase there is growing focus toward</p>	
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<p>Food Processing Plant Feasibility in Bowen (Lead/Championed) - almost 30% of horticulture by volume is not sold in domestic or export markets due to product not meeting market characteristics, this is despite the product being nutritionally the same and tasting the same – often referred to as waste the producers prefer to call the products second grade quality product. Bowen produces over 25% of Australia’s tomatoes and capsicums and 5% of Australia’s mangoes and nearly 10% of Australia’s, beans, sweet corn, and pumpkins. The local industry estimates that \$100M million p.a. is lost value via 2nd grade produce. If only you could do something with the second-grade product.</p> <p>In 2020 a private group approached RDA MIW regarding interest toward establishment of a food processing plant in Bowen which could utilise 2nd grade products to create semi processed foods, juices, and powders utilising a cutting-edge processing system. The private entity already has operations in Central Queensland and Lockyer Valley in Qld and is interested in options in Bowen. RDA MIW in conjunction with regional producer’s association is seeking to investigate the opportunities this food processing investment and infrastructure could offer.</p> <p>Key actions will include.</p> <ul style="list-style-type: none"> • Working with private proponents to advocate for a regional food processing facility. • Working with State agencies and local government to support site selection opportunities and options for supply of energy, water, and integration with supply chain infrastructure. • Supporting private parties to conduct feasibility and business plan assessments. • Collating supporting data and information regarding feedstock opportunities. • Review feasibility and business plans to ensure they hit the mark. • Supporting regional, state, and national advocacy for the opportunity • Link private proponent to federal and state funding programs and loan schemes. <p>Aquaculture Feed Mill and Warehouse (Lead/Championed) - as of December 2020 66% of Queensland Aquaculture production volumes emanate from the MIW region. This due to the large investment made by Tassal Pty Ltd in recent years culminating in 3000 tonnes p.a. of farmed prawn production plus a smaller level of growth from smaller commercial operations in the region. Aquaculture production in MIW</p>	<p>expanded domestic production of prawn feed given most of the feed is currently exported into Australia.</p> <p>In 2021/22 RDA GW in concert with Tassal explored opportunity associated with the establishment of prawn feed mill processing facility being established in the region along with increased warehouse storage. This opportunity was aligned to ongoing discussions with Ridley Australia given at the time they were supplying 60% of Tassal Prawn feed.</p> <p>In January 2022 Ridley Australia made the decision to reduce their Aquaculture production interests in Australia with this culminating in the sale of its aquaculture milling facilities in Australia and expansion of milling facilities in Thailand. This action has required Tassal to transition its demand of prawn feed to Skretting Australia which in May 2022 purchased Ridley Australia Aquaculture milling asset in Tasmania.</p> <p>RDA GW has now commenced discussion with Skretting Australia however discussion is preliminary at this stage.</p>		
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<p>region is predicted to top 20,000 tonnes p.a.by 2030. This development supported by workforce of over 500 full time employees operating in the region within farming, processing, and packaging operations by 2026.</p> <p>For every 1 tonnes of prawns your need 7 tonnes of prawn feed, therefore that corresponds to 140,000 tonnes of prawn feed - at present no milling facilities for aquaculture feed exists in Nth Qld or Nth Australia for that matter, currently all prawn feed is trucked from Victoria or SE Qld to Nth Aus – this lack of local production and storage for feed is not sustainable especially when you consider the freight costs and impacts of road closures in Nth Qld in wet months, when feeding of prawns is at its most frequent.</p> <p>Considerable interest exists from private feed manufacturers to establish new feed milling facilities Nth Qld in line with the rapid growth in prawn aquaculture farms. RDA MIW has commenced coordinating the interests and possible development opportunities.</p> <p>Feedstock for animal feed milling which includes waste meat, fish meal, grains, and so forth can also be sourced regionally thus creating additional markets and production opportunities for local rural producers.</p> <p>Key actions will include.</p> <ul style="list-style-type: none"> • Working with private proponents to advocate for a regional animal feed mill construction. • Working with State agencies and local government to support site selection opportunities and options for supply of energy, water, and integration with supply chain infrastructure. • Supporting private parties to conduct feasibility and business plan assessments. • Coordinating supply chain • Collating supporting data and information regarding feedstock opportunities, • Review feasibility and business plans to ensure they hit the mark. • Supporting regional, state, and national advocacy for the opportunity • Link private proponent to federal and state funding programs and loan schemes 			
<p>Activity 4 Bio-futures and Bio-foods Development Program includes subprograms</p>	<p>Bio Futures and Bio foods Cluster (Co lead) In 2021/22 a Bio futures Regional Leaderships Cluster was formed and sees representation from industry, research and government working</p>	<p>Provide details of outcomes</p>	<p>\$ / Number</p>

<ul style="list-style-type: none"> • MIW Bio Futures Cluster • Upgrade of Bio Commodities Research Centre • Bio-foods Investment and Development Cluster and Strategy • MIW Hydrogen Cluster <p>MIW Bio Futures Cluster (Lead/Championed) - Bio futures focus in the Mackay Isaac Whitsunday regions is well positioned to expand into several bio futures ventures including production of biofuels, biogas and cogeneration and bi-products using agricultural and landfill waste. The MIW region has formed a Bio futures Steering Committee with the main objective to accelerate the region's bio-opportunities for potential investors. Key actions will include.</p> <ul style="list-style-type: none"> • Situation analysis of industry and opportunities. • Mapping feedstock opportunities • Development of export market plans and investment prospectus updates • Develop of regional stakeholders' engagement and relationship regional plan • Completion of regional area infrastructure, strategy, and plan • Develop a bio futures prospectus to provide introductory information for investors and developers • Develop a bio futures data and information portal that houses regional information in support of planning and development of bio futures industry <p>Upgrade of Bio Commodities Research Centre (Lead/Championed) -In May 2021 RDA MIW in collaboration with other regional stakeholders was successful in gaining \$5.5M via Regional Recovery Partnerships funding to support upgrades to the Mackay based Bio Commodities facility.</p> <p>Bio-futures is a priority sector for State Government and MIW region has a vision to achieve a \$1 billion sustainable and export-oriented industrial biotechnology and bioproducts sector, attracting significant international investment and creating regional, high-value and knowledge-intensive jobs.</p> <p>Through the Smart State Research Facilities Fund, the Queensland Government invested in developing the Mackay Renewable Bio Commodities Pilot Plant to provide a platform to develop, demonstrate and promote commercial development of biobased products in Queensland with a key focus on transformation of the sugar industry to a bio-based product future. The plant uses locally</p>	<p>collaboratively to develop regional bio future manufacturing opportunities. RDA GW is member to this leadership cluster group.</p> <p>In concert with the Bio-futures Regional Leaderships Cluster 2021/22 saw the completion of.</p> <ul style="list-style-type: none"> • an industry and opportunities situational analysis study mapping feedstock supply options, domestic manufacturing interest, trunk infrastructure provision requirements and current supply assessments, works force needs, land supply options and energy and waste management options. • a global market investment prospectus focused on who is interested in investing toward manufacturing in the region. RDA GW , along with DSDILGP, GW3 and Mackay Sugar partnered with TIQ, and Austrade to complete the prospectus. As part of the activity over thirty bio fermentation aligned companies (domestic and global) were approached concerning their interest to investigate and establish bio fermentation manufacturing-based capacity in Mackay. In total fifteen bio fermentation manufacturers expressed some interest and five businesses showcased strong interest toward the potential commercial establishment of bio-fermentation manufacturing in Mackay. In Jan/ Feb 2022 three of these O.S bio fermentation manufacturers visited Mackay to talk to stakeholders and visit an earmarked state government priority development area for bio industries development. • The successful support from Qld government toward the purchase of a 200ha site near Mackay for a proposed future bio-precinct. • A bio foods investment and development strategy which is primarily focused on the use of sugar and sugar by-products and their utilisation within bio fermentation manufacturing technologies and systems to produce bio proteins and fermentable drink products. <p>Bio Commodities Research Centre (Co lead and Support provided) With support via the GW AFA Project and the Bio futures Regional Leadership Cluster the region was able to secure additional funding to support the upgrade to the Mackay Renewable Bio commodities Pilot Plant (MRBPP) and research Centre. The plant is a pilot scale facility for the development and demonstration of technologies to produce renewable biofuels and other valuable bio-commodities and is seen in the region as new emerging industry for the region.</p>	<p>Investments (\$)</p> <p>Jobs (number)</p> <p>Local procurement (\$)</p>	<p>Bio Futures and Bio foods Cluster was formed</p> <ul style="list-style-type: none"> • RDA GW - \$5K • GW3, Mackay sugar, DSDILG & P, QDAF, TIQ - \$50K • Qld government has committed \$1M to early feasibility investment toward bio future industries – State based funding. <p>Bio Commodities Research Centre</p> <ul style="list-style-type: none"> • Federal Gov via Covid Recovery Partnership- \$5.211M • State Gov - \$5M • QUT and Others - \$ 4.426M <p>Hydrogen Cluster</p> <ul style="list-style-type: none"> • RDA GW - \$1K • Others \$4k <p>RDA GW in-kind - aligned to participation in regional working groups, project proposal development, services/ contract oversight, strategy development or business plan or feasibility development and advocacy and workshop activity</p> <ul style="list-style-type: none"> • MIW Bio Futures Cluster - 60hrs • Upgrade of Bio Commodities Research Centre - 30 hrs • Bio-foods Investment and Development Cluster and Strategy - 40hrs • MIW Hydrogen Cluster - 20hrs <p>Bio Futures Cluster</p> <ul style="list-style-type: none"> • Investment and industry plan outlines bio futures industry could support upwards of 3000 operational jobs p.a. and 1000 jobs in construction phase. <p>Bio Commodities Research Centre</p> <ul style="list-style-type: none"> • Construction Jobs – 30 in 2023 • Operational Jobs - 20-30 ongoing <p>Hydrogen Cluster</p> <ul style="list-style-type: none"> • To be determined <p>Bio Commodities Research Centre</p> <ul style="list-style-type: none"> • Planned procurement of construction services will occur in 2022/23 FY
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<p>sourced biomass to produce these products. Over the past 10 years of its operation, the Mackay Renewable Bio commodities Pilot Plant has played an invaluable role in developing biomanufacturing technologies to advance commercial investment in Australia, but an upgrade is now needed to support growth of the region's agricultural producers in a new era and underpin the development of regional biomanufacturing industries in synthetic biology and future foods.</p> <p>Significant growth is projected for the global market for biorefinery products in the coming years with the Biorefinery Products: Global Markets Report (BCC Research 2021) identifying that the market is expected to grow from US\$587 billion in 2020 to US\$868 billion in 2025. The report Contract Biomanufacturing Services Global Market – Forecast to 2028 identifies that the global market for contract biomanufacturing services is projected to reach US\$57 billion by 2028.</p> <p>The facility is not currently able to develop and demonstrate synthetic biology and future food technologies to commercial scale because of limitations in the installed equipment capacity, particularly relating to fermentation and ancillary equipment, and to meet the requirements for large scale physical containment.</p> <p>The upgrade will enhance the facility's capability in biomass processing, fermentation, separation, and product development technologies, to develop new product types including green chemicals and synthetic biology products. These capabilities would build on the strengths of the region's existing agriculture and manufacturing base, while creating opportunities for new industries and diversification.</p> <p>Total employment, including all direct, supply chain and consumption effects, is estimated to increase by up to 80 jobs (30 regional jobs in construction and installation and support up to 50 ongoing operational, research and development jobs).</p> <p>Key actions will include.</p> <ul style="list-style-type: none"> • Securing RRP funding provision to providers in the MIW region. • Developing RRP project framework and proposal • Enlisting support of regional stakeholders and education/skills developers to support RRP project and forming local project advisory groups to further opportunities aligned to the upgrade of the bio-commodities facility. 	<p>The facility is available to researchers from QUT and other universities, as well as research and industry partners. The facility was established in 2010 by QUT and funded jointly by the Australian Government and Queensland Government. The MRBPP is co-located at the Mackay Sugar Racecourse Sugar Mill.</p> <p>GW AFA Project was successful in securing \$5.211M in federal COVID Recovery funding support toward the QUT bio commodities research and testing facility upgrade. Leverage against this funding QUT and others private investors are coinvesting \$9.426M. Drivers for the upgrade to the facility include</p> <ul style="list-style-type: none"> • A recognised global shortage in biomanufacturing scale-up facilities to support the development of agricultural value-adding and new synthetic biology industries. • Biorefining represents a significant economic opportunity for Australia, particularly in regional centres. • Australia has an opportunity to be a leading hub for contract biomanufacturing leading to investment in commercial facilities. • The QUT bio-commodities pilot plant upgrade would enhance the plant's capability in fermentation, separation, and product purification technologies, to develop new product types including green chemicals and synthetic biology products. • Enable QUT research projects & commercial companies to produce materials for product testing. <p>Possible new products developed and commercialised include.</p> <ul style="list-style-type: none"> • Functional foods • Probiotics • Biopolymers • Enzymes • Proteins (native and recombinant) • Biomass - whole bacteria • Expands and supports existing capability in <ul style="list-style-type: none"> ○ Animal feeds ○ Renewable chemicals and biofuels <p>Greater Whitsunday Hydrogen Cluster (support provided) RDA GW in conjunction with other stakeholders formed the GW Hydrogen Cluster. The cluster meets quarterly to share information and knowledge. To date the stakeholders most of which are METS aligned business and service providers are exclusively focused on services and products that can be provided to support hydrogen industry development v/s investigating the establishment of hydrogen production facilities in the region.</p>	<p>Other regional development outcomes (\$ / number)</p> <p>Other facilitation activities</p>	<ul style="list-style-type: none"> • Qld Government via Economic Development Qld purchased a 200ha site for future bio futures precinct for \$5M in 2021/22 – RDA GW along with others stakeholders advocated for this purchase https://www.statedevelopment.qld.gov.au/industry/priority-industries/biofutures
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<p>Bio-foods Investment and Development Cluster and Strategy (Lead/Championed)</p> <p>By 2035, an industrial biotechnology and bioproducts sector could contribute over AUD\$4 billion to Queensland’s annual Gross State Product and support some 23,000 jobs in Queensland.¹ Further, it could support over 10, 000 businesses in the sugar supply chain and assist the agricultural sector to diversify by creating markets for existing and new products.² Growth of this sector requires the commercialisation of a broad spectrum of scientific and industrial technologies. These innovative technologies will allow for greater resource use efficiency by creating more value from green feedstock with less environmental impact.</p> <p>The MIW region and Queensland is positioned to create a multi-billion-dollar bio-manufacturing industry that meets the growing market demand for synthetic biology derived products and become a leading supplier globally. The MIW region can realise this opportunity by initially partnering with multinational companies to invest in an advanced biomanufacturing, contract manufacturing facility.</p> <p>The benefits from this investment include diversified business opportunities, potential new income streams for farmers and job creation. The manufactured products will be sold both to Australian markets and exported supporting the continued growth of MIW regional economy.</p> <p>The global growth of SynBio and industrial organism engineering has outpaced the fermentation infrastructure required to drive these bioprocesses. SynBio companies are looking to scale-up production to meet the growing market demand. This presents a unique opportunity for MIW region to fill this infrastructure gap and capitalise on our strengths in feedstock availability and technical expertise in brewing and fermentation processes.</p> <p>The potential economic benefit/impact of an advanced biomanufacturing industry in MIW region can be measured by analysing the economic impact of synthetic biology investment on parts of the United States. BASF has invested more than US\$800 million in major capital projects in Ascension Parish, the area where their facility is in Louisiana. Cargill’s campus in Blair Nebraska has attracted a cluster of major producers, including Novozymes, Evonik,</p>	<p>The cluster has meet with Hydrogen infrastructure/manufacturing developers that have signalled some interest in parts of the region to establish hydrogen manufacturing sites however to date these early-stage discussions have not progressed too far. The cluster has developed a MIW METS service capability and capacity strategy, but to date has not completed a Hydrogen industry service market analysis or regional actions plan as it relates to hydrogen industry development.</p> <p>Copies of the METS Services Strategy can be found at https://www.resourceindustrynetwork.org.au/Portals/13/REGIONAL%20EXPORT%20STRATEGY%202021_1.pdf</p> <p>The GW region did in the FY see a MOU between NQBP, Dalrymple Bay Infrastructure and Brookfield Asset Management Inc and ITOCHU Corporations to explore feasibility of producing and storing green hydrogen.</p> <p>The agreement will include utilising port land at the Dalrymple Bay Terminal and establishing a supply chain including exporting green hydrogen using DBT’s existing export facilities.</p> <p>Dalrymple Bay Terminal is attracting interest as a green hydrogen production base due to its location in the centre of a Renewable Energy Zone, designated by the Queensland Government. https://nqbp.com.au/about-us/news/articles/nqbp-announces-mou-for-a-feasibility-study-on-green-hydrogen</p>		
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<p>Corbion and Nature Works. More recently, international biotech company Evolva has announced plans to grow its global operations in collaboration with Cargill's campus and expects to invest an estimated USD \$60 million in Blair over the next three years.</p> <p>Key actions will include.</p> <ul style="list-style-type: none"> • Formation of MIW Bio-foods Cluster of investors and operators charged with investing and overseeing successful trade and investment to support a bio foods industry in MIW region. • Completion of a case for investment to financially support the attraction of Synthetic Biology (SynBio) companies to MIW region and to establish integrated bioproduction facility, with large-scale fermentation and downstream processing capabilities, to produce SynBio-based products. • Completion of a in market intelligence study to assess Synthetic Biology (SynBio) companies needs and wants in relation to establishment of integrated bioproduction facilities, with large-scale fermentation and downstream processing capacity in MIW region. • Development of delivery of an engagement and advocacy program to solicit interest from investors in support of establishment of large-scale fermentation and downstream processing capacity in MIW region. <p>MIW Hydrogen Cluster (Contributed to) MIW Hydrogen Cluster is an industry-led not for profit organisation committed to securing the economic, environmental, and social opportunities hydrogen and associated METS Services offers to the MIW region, Queensland, and Australia. The MIW Hydrogen Cluster seeks to support the following outcomes.</p> <ul style="list-style-type: none"> • Support industry's transition to a zero emissions future and Queensland's 50% reduction in carbon emissions by 2030. • Build the MIW hydrogen METS services industry 'ecosystem' and maximise the number of MIW companies participating in the hydrogen METS services market. • Via MIW METS Hydrogen services develop Queensland' hydrogen industry capability and maximise the creation new hydrogen-related jobs. • Nurture development of the hydrogen METS service market and drive investment in the sector. <p>Key actions will include.</p>			
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<ul style="list-style-type: none"> • Formation of MIW Hydrogen METS Cluster of investors and operators charged with supporting METS Hydrogen strategy and plan. • Completion of a MIW METS Hydrogen service capacity and capability assessment • Completion of a MIW METS Hydrogen Industry service market analysis • From the two assessment and studies develop a regional action plan to support SME METS services to upskill and diversify services offerings in support of Hydrogen industry development • Complete an engagement and advocacy plan to encourage MIW METS business diversification in service offerings 			
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Activity 5			
Aerospace and Aviation Development – includes sub programs	Abbot Point Space Launch Site Facility	Provide details of outcomes	\$ / Number
<ul style="list-style-type: none"> • Abbot Point Space Launch Facility • QANTAS Flight Academy <p>Abbot Point Space Launch Facility (Lead Championed) - We are at the dawn of a new space age, driven by a transition from government to commercial launch and satellite operations and buoyed by \$17.4 billion of investment in space start-ups over the last decade. Globally, commercial launch revenue is dominated by Europe (45%), Russia (25%) and the USA (19%), with the remainder shared amongst China, Japan, India, Iran, Israel and North Korea. There were no launch providers in the southern hemisphere until New Zealand's launch of 3 satellites on north island on January 21st, 2018.</p> <p>With the formation of the national space agency, and development of national and Qld strategies and road maps for aerospace, Australia and Qld is now joining the new space age and will require a launch facility to take advantage of commercial space opportunities. Being late to the party it is likely that a series of small incremental steps will be taken to build Aus and Qld space capability. A group of stakeholders including, RDA MIW, Qld gov, DSDMIP, National Space Agency, CQU, Gilmour Space Technologies have successfully advocated for the development of a space launch facility in regional Qld.</p> <p>Bowen (Abbott Point) area has been identified as the preferred site to support nano satellite launch facilities with the Qld in 2021 approving the development of space launch facility on the State Development Area of Abott Point following some two years of advocacy and development via Launch Whitsundays (co-chaired by RDA MIW)</p>	<p>RDAGW first pursued this concept of a rocket launch sites at Abbott Point (near Bowen) in 2018 and at the time reached out to Gilmour space technologies to consider the site at Abbott Point State Development Area - the focus then and through to today is for the establishment of a site to support the launch of small to medium rockets able to support orbital and sub orbital space payloads.</p> <p>In May 2022 the Qld government gave approval to Gilmore space for a ten-hectare site to support a small space port that will focus on supporting launch services to carry in the main communication payloads aligned to low earth and medium earth orbit communications satellites. Gilmore Space with support from RDA GW and other stakeholders has secured funding support from both federal and state government (\$15M) to further the space ports development and support their rocket and associated technology developments.</p> <p>In 2021/22 Gilmour Space outlined several successful contracts with entities such as Australian Defence Force, and several private communications organisations toward the use of Abbott Point Space Port to be the launch site in 2023 for low earth orbit payloads See link to article https://www.abc.net.au/news/2021-10-24/gilmour-set-to-launch-bowen-rockets-from-2022/100562926</p> <p>RDA GW was also able to get Bowen High and 2 Mackay based high schools in 2021/22 to enrol into the Qld Aerospace Gateway to Schools program - Schools and students are now able to undertake STEM learning actions and programs aligned to technology development and aerospace. As part of this activity Gilmour Space has provided partnerships support via access to Gilmour Space staff. See link to</p>	<p>Investments (\$)</p> <p>Jobs (number)</p>	<p>Abbot Point Space Launch Facility</p> <ul style="list-style-type: none"> • \$15M of federal and state funding • Additional federal and State funding of over \$30M for Gilmour Space to further development of its rocket and technology development within their Gold Coast facility. <p>Aviation Training</p> <ul style="list-style-type: none"> • Aircraft Australia and CQ University training facilities and equipment - \$500K invested into the region <p>RDA GW in-kind - aligned to participation in regional working groups, project proposal development, services/ contract oversight, strategy development or business plan or feasibility development and advocacy and workshop activity</p> <ul style="list-style-type: none"> • Abbot Point Space Launch Facility - 30hrs • QANTAS Flight Academy - 20hrs • Regional Aviation Strategy – 30hrs <p>Abbot Point Space Launch Facility</p> <ul style="list-style-type: none"> • Construction - 20 FTE • Operational - direct 30 FTE during launch period and commissioning /decommissioning – 2 FTE site caretakers otherwise and use of contractors to support site maintenance

<p>Planning and development is now commencing to develop a commercial space launch facility in the Bowen area. This development will support both direct and indirect economic growth as well as considerable prestige.</p> <p>Opportunities also exist for a commercial space research hub at CQUniversity's Mackay campus, to support satellite development and payload integration and to provide research opportunities in all aspects of space, from engineering and technology to business and law.</p> <p>In addition, this opportunity could harness the power of spaceflight in sparking the imagination of the region's youth to support educational initiatives promoting participation in STEM (science, technology, engineering, and mathematics) disciplines at the primary and secondary school levels and to encourage school leavers to consider a STEM career.</p> <p>A launch complex could directly support hundreds of operational jobs related to launch operations as well as indirectly create up jobs in local, regional and state industries such as construction, transportation, materials and commodities, education, IT services, hospitality and tourism.</p> <p>Key actions will include.</p> <ul style="list-style-type: none"> Continuing to advocate and support for launch site in Bowen Securing funding provision for Gilmour Space to commence site development. Developing RRP project framework and proposal Enlisting support of regional stakeholders and education/skills developers to support satellite launch project. Continuing the role of Launch Whitsundays in supporting satellite launch site development. Work with educations sector and local schools to further aerospace gateways to schools' program and in addition commence development CQU aerospace hub. <p>QANTAS Pilot Academy (Contribute to) - In July 2019, Mackay was chosen by Qantas as its preferred location for the second Qantas Group Pilot Academy site. The interest from QANTAS in this academy signifies a diversification of investment in the MIW region and its economy. Mackay was selected due to a high proportion of clear weather days per year, access to uncongested airspace, access to</p>	<p>Aerospace Gateway to schools program https://aerospacegatewayschools.com.au/</p> <p>RDA GW also supported the development of a formal MOU between Gilmour space and Central Qld University - the MOU supports investigation toward STEM higher education learnings and technology development and research https://www.cqu.edu.au/cquinews/stories/general-category/2020-general/one-giant-leap-for-queensland-in-the-private-space-race</p> <p>QANTAS Pilot Academy</p> <p>Due to COVID 19 QANTAS has postponed its development of the QANTAS academy in Mackay. However, in line with this likely outcome RDA GW along with Central Qld University and Mackay Regional Council were successful in brokering an outcome which has seen Aircraft Australia and Central Qld University partner to deliver a combined pilot aviation training program based in Mackay.</p> <p>The program combines CQU Bachelor of Aviation with the Aircraft Australian Graduate Diploma of Aviation (Flight Operations) The combined programs see Mackay being the epicentre of pilot training for Aircraft Australia within Regional locations. The collaboration between the partners allows for students to be dormered at CQU facilities in 'Mackay while doing training and utilise the facilities on offer at Mackay airport.</p> <p>In 2021/22 (it first year of operations) 48 students from locations across Australia applied to complete the Aircraft Australian Graduate Diploma of Aviation (Flight Operations) and of those 48, 15 also enrolled to complete the CQU Bachelor of Aviation.</p> <p>Additional Project</p> <p>Within the RDA GW region four inter and intrastate airports are located within 200km of each other. In no other regional area with a combined population of 180,000 people does this occur. It should be noted the Greater Whitsundays region has a workforce of almost 15,000 people that work in the region but live elsewhere and prior to COVID attracted over 1million holiday visitors to the region each year.</p> <ul style="list-style-type: none"> Mackay Airport - owned and operated by NQ Airports - 648,000 passengers p.a. and 9100 aircraft movement p.a. Moranbah Airport - owned by BHP – subcontracted operations - 80,000 passengers p.a. and 2,950 aircraft movement p.a. 	<p>Local procurement (\$)</p> <p>Other regional development outcomes (\$ / number)</p>	<ul style="list-style-type: none"> Operational - indirect 500 FTE linked to this site across all manner of professional jobs in the sector <p>Abbott Point Space Launch Facility</p> <ul style="list-style-type: none"> Gilmour Space has exclusively utilised the construction services of local and regional suppliers in the construction of the Space Port facility – these include – earth works, concreting, fencing, site planning and construction, building /infrastructure construction, etc... <p>Aviation Training</p> <ul style="list-style-type: none"> Aircraft Australia has based 2 FTE trainers into Mackay to support their services training and has established 3 FTE staff to support repair and maintenance services for private aircraft in the region. <p>Aviation Training</p> <p>Greater Whitsundays region is home to over 40 registered pilots of private fixed wing and helicopters licenses. Most of these pilots have their own personal aircraft. The loss of maintenance and repair professionals (retirement and left region) in recent years had seen the requirements for major repairs and services to be completed out of the region or at the expenses of hosting services providers in the region at considerable cost.</p> <p>Aircraft Australia has introduced additional services aligned to maintenance and repair of aircraft into the region and has also embarked on an apprenticeship program in collaboration with CQ University (Dual Sector University - VET and Higher Education. This investment and set of actions are creating an additional career option for the region and its job seekers.</p> <p>Aircraft Australia is also currently completing feasibility study to evaluate the opportunity of establishing chartered sea plane flight services connecting Mackay mainland and the inhabited islands off Mackay and with direct connection to the Whitsundays Islands and return as well.</p> <p>Mackay has three islands of its coastline that are inhabited and currently the only regular transport service is via barge or personal watercraft - this trip between</p>
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<p>support infrastructure and ability to attract students and trainers to live in the area.</p> <p>Due to the impacts of the global coronavirus pandemic on the aviation industry, Qantas has shifted their current focus and plans for the pilot academy in Mackay will be revisited in 2021.</p> <p>RDA MIW along with other regional stakeholders will in 2021/22 continue to investigate and plan toward this pilot academy opportunity.</p> <p>Key actions will include.</p> <ul style="list-style-type: none"> Continuing to advocate and support the QANTAS Pilot Academy in Mackay. Securing academy funding provision via available grants and or loans scheme Enlisting support of regional stakeholders and education/skills developers to support RRP project and forming local project advisory groups to further opportunities aligned to the upgrade of the bio-commodities facility. 	<ul style="list-style-type: none"> Hamilton Island Airport- owned by Hamilton Island Resort – 327,000 passengers p.a. and 3,154 aircraft movements p.a. Proserpine Airport - owned and managed by Whitsunday Regional Council - 305,000 passengers p.a. and 2,913 aircraft movements p.a. <p>The reality of this occurrence is that each airport is effectively competing for travellers and this competition results in all airports and the region struggling to attain critical mass (travellers' numbers) to support additional routes and connectivity to both inter and intrastate destinations - interstate and intrastate connectivity being a key liveability factor for regional population attraction and retention.</p> <p>The impacts of COVID toward effectively removing international holiday passengers has resulted in airports such as Proserpine making a stronger play for the workforce/FIFO market, thereby increasing competition with Mackay and Moranbah airports along with increased competition from Rockhampton and Townsville.</p> <p>While the short-term outcome is more cost-effective flights for travellers via increased regional airport competition the longer-term outcome is lack of respective route viability for airlines and airports as the passenger numbers for routes to respective airports are decreased with greater passenger number spread across regional airports. Total number of passengers travelling into the region did not increase.</p> <p>Armed with this information RDA GW in concert with the three local governments and State Development agencies has initiated a set of discussion with aviation stakeholders in the region to see if a regional aviation strategy can be developed and where the strategy supports each airport operating within a key niche set of operational and arrangements which can value add to regional connectivity - as an example can each airport offer differing route selection.</p> <p>In FY 2021/222 all stakeholders outlined a level of acceptance to be part of and commence a regional aviation strategy - completion of the strategy is earmarked for the end of 2022/23 FY.</p>	<p>islands and mainland takes over 1hr by boat and could be serviced via seaplane service in 20mins - thus providing increased serviceability and attractiveness for island habitation for owners and visitors alike – growth real-estate and tourism potential</p> <p>Mackay receives just over 1M visitors each year with 75% of this visitation linked to business travel – opportunity exists to convert this business during the week to stop overs in the region for the weekend.</p> <p>Opportunity exists to improve via region air travel connection to major island tourism products and attractions in the region – its takes 2hrs to drive from Mackay to Whitsundays and further 30 min boat ride to get to the Whitsunday Islands - apart from a limited bus transport connection there is no other regular transport systems that connects Mackay to the Whitsundays - a chartered seaplane service could have visitors traveling from Mackay to the Whitsunday Islands in 30-40mins at a cost that is within customers satisfaction levels and be profitable for a business entity like Aircraft Australia.</p> <p>Other facilitation activities</p>	<p>islands and mainland takes over 1hr by boat and could be serviced via seaplane service in 20mins - thus providing increased serviceability and attractiveness for island habitation for owners and visitors alike – growth real-estate and tourism potential</p> <p>Mackay receives just over 1M visitors each year with 75% of this visitation linked to business travel – opportunity exists to convert this business during the week to stop overs in the region for the weekend.</p> <p>Opportunity exists to improve via region air travel connection to major island tourism products and attractions in the region – its takes 2hrs to drive from Mackay to Whitsundays and further 30 min boat ride to get to the Whitsunday Islands - apart from a limited bus transport connection there is no other regular transport systems that connects Mackay to the Whitsundays - a chartered seaplane service could have visitors traveling from Mackay to the Whitsunday Islands in 30-40mins at a cost that is within customers satisfaction levels and be profitable for a business entity like Aircraft Australia.</p> <p>Abbott Point Space Launch Facility</p> <p>The approval of the Space Port facility will have additional benefits to other sectors both direct and indirect. RDA GW has commenced early discussions with entities such as Gilmour Space and the local government and tourism sector leaders to consider the opportunities aligned to Space Tourism.</p> <p>The Whitsundays is already a well-known global holiday hot spot so why not broaden its tourism product offerings by linking Space Tourism development to the construction and operations of the Abbott Point Space Port facility</p> <p>Once fully operational in 2023 the min number of rocket launches per annum is 12-13 p.a. in the first year of operations and this could increase in time to over 40 p.a. by mid to late 2020's. The viewing of rocket launches provides an additional new tourism attraction for the Whitsundays. Based on global experiences the viewing of rocket launches and the provision of information to the public and visitors as it relates to space and technology and broader aerospace industry can</p>
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		<p>translate to a major new tourism product supporting a well-established industry in the region. More importantly it could be a tourism product offering that might have more resilience regarding economic returns when challenged by factors such as a pandemic compared to the more traditional island tourism experience offerings – See link to US article on space tourism and its record year of performance through COVID</p> <p>https://www.news4jax.com/news/florida/2021/09/26/space-coast-tourism-on-way-to-record-year-despite-pandemic/</p> <p>Longer term it is possible to also speculate about future opportunities associated with space tourism and directly space travel and a future opportunity that could see an Abbott Point Space Port being home to the likes of Space X, Virgin Atlantic and Blue Origin and their plans to allow tourist to spend time in suborbital or orbital space.</p> <p>See link to article on Space Travel https://www.cnn.com/2020/09/26/space-tourism-how-spacex-virgin-galactic-blue-origin-axiom-compete.html</p>
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Activity 6			
<p>Transport and Freight Planning and Construction of critical freight and transport Infrastructure (Lead Championed) includes sub programs</p> <ul style="list-style-type: none"> • Global Export Centre • Completion of Ring Road Stage 2 and 3 and Missing Link • Fast Track Upgrade of Bruce Highway between Rockhampton and Townsville • Upgrade of Peak Downs Highway <p>Global Export Centre and Hub Feasibility and Development (Lead Championed) - The perishable food market in Australia is predominantly domestic supply oriented in its focus, Queensland supplies of export volumes being less than 4% of total production. MIW region agriculture is a \$1.4B per annum industry and is home to the largest production volume of winter vegetables in Australia, one-third of Qld beef cattle herd, 1/3 of Australia's sugar exports and produces 66% of Qld aquaculture seafood production and has several smaller niche food products produced. In the past most producers</p>	<p>Global Export Centre RDA GW was able to broker a MOU between NQ Airports and the private business Veldon Corporation to explore options associated with an Aviation Food Export Hub . As part of feasibility assessment RDA GW completed interviews and supply analysis studies with regional and nearby region producers of food products and from this developed a list of suppliers, products type, volumes, and supply time frames. This information was utilised by Veldon Corporation to underpin its feasibility and business case for development of a Mackay Aviation Export Hub that was focused at the supply of both perishable high value products and technology componentry.</p> <p>RDA GW also provided to Veldon Corporations business linkages with the Toowoomba based Well Camp and Cairns based export centres - this linkage was an acknowledgement that produce would need to be freighted from a Mackay Hub to these larger aggregation airfreight centres for further aggregations and transport to O.S markets.</p>	<p>Provide details of outcomes</p> <p>Investments (\$)</p>	<p>\$ / Number</p> <p>Global Export Centre</p> <ul style="list-style-type: none"> • RDA GW investment toward data and preliminary studies to support export centre evaluation - \$10K <p>Completion of Ring Road Stage 2 and 3 and Missing Link</p> <ul style="list-style-type: none"> • \$350M was committed in combined Federal and State funding <p>Fast Track Upgrade of Bruce Highway between Rockhampton and Townsville</p> <ul style="list-style-type: none"> • In total \$152.708M of federal and state investment has services road upgrades on the Bruce Highway within the GW region in 2021/22. <p>Upgrade of Peak Downs Highway</p>

<p>were able to make a reasonable living and return from the supply of fresh food to domestic customers and where inputs costs were manageable within farm systems geared for domestic supply. Today Australia's modest population and gradual consumption growth leads many Australian farmers to depend on new international markets to expand and maintain profitability.</p> <p>Australia's reputation as a producer of clean, green and safe food has created high global demand for Australian food products. Upholding and building this reputation is particularly relevant in breaching broader markets, where local food safety and quality concerns dominate consumer attitudes. In addition, the advent of e-commerce is today driving the opportunity of online purchasing by customers from supply chains the direct supply of fresh produce to customers via wholesale and distribution service providers</p> <p>Despite these opportunities and drivers, growth in fresh food export from Australia can be described as at best modest regarding growth rate to date. A determining factor for modest export growth is tied up in the word "perishable". The ability to supply fresh and high-quality produce from Australia to global customers and markets relies on having access to fast and effective fresh food transport. The challenge present is that our freight and transports systems from regional production areas to global customers are not well developed for the supply of fresh and chilled produce for export.– the direct need is to support improved regional access to export facilities and in doing so also create regional integrated transport and logistics hubs or centres capable of increasing the supply of fresh and perishable products to global markets is clear priority focus to support fresh food supply.</p> <p>Key actions will include.</p> <ul style="list-style-type: none"> • Working with private proponent to advocate for a regional food export hub in Mackay. • Collating supporting data and information regarding food volumes and export interest from MIW suppliers. • Review feasibility and business plans to ensure they hit the mark. • Supporting regional, state, and national advocacy for the opportunity • Link private proponent to federal and state funding programs and loan schemes 	<p>RDA GW also provided support linkage for Veldon Corporation to NAIF and State and federal grants programs.</p> <p>Through the process it became clear that Veldon Corporation was only able to progress development via external investment and was not prepared or in a position to strongly co-invest from its own or supporting investors. Given this to be the case interest from stakeholders, product suppliers became less over time. The result has seen Veldon Corporation establish a service arrangement in New Zealand where it is working directly with Dunedin Airport on a similar business opportunity.</p> <p>From the work completed by RDA GW we were able to share the supply chain production data from producers with Whitsundays Airport who have been able to utilise this information to support domestic air freight solutions for some high value food products (seafood). Where refrigerated containers (reefer) carrying seafood forms a considerable part of underbelly cargo space within passenger flights. This additional cargo supply option provided critical economic funding and helped maintain continuance of flight routes between Whitsundays and Brisbane, Sydney and Melbourne, post the COVID pandemic.</p> <p>Whitsundays Coast Airport is now assessing additional investment toward increased cool storage capacity at the airport to support continued growth of high value food product cargo transport within reefer containers as part of underbelly cargo carriage on passenger flights.</p> <p>Completion of Ring Road Stage 2 and 3 and Missing Link RDAGW along with other stakeholders have strongly advocated for the enhancement of key road freight routes that connect the Greater Whitsundays region running East West and connecting our major Marine port in Mackay to the Western provinces and locations.</p> <p>In FY 2021/22 the State Department of Main Roads and Transport commenced planning for Ring Road Stage 2/3 and subject to planning completion, gave a commitment to commence works on this significant freight corridor in 2024/25. Understanding that the federal government had already committed \$280M to a total \$350M project to establish this new major freight road route in its 2020/21 budget – and after continued advocacy from RDA GW and others the Qld government in its 2021/22 budget committed \$70M.</p>	<p></p> <p>Jobs (number)</p>	<ul style="list-style-type: none"> • In total \$60.9M of federal and state investment has services road upgrades within the GW region in 2021/22. <p>Additional Projects</p> <ul style="list-style-type: none"> • In total \$231.4M of federal and state investment has services for other road upgrades within the GW region in 2021/22. <p>RDA GW in-kind - aligned to participation in regional working groups, project proposal development, services/ contract oversight, strategy development or business plan or feasibility development and advocacy and workshop activity.</p> <ul style="list-style-type: none"> • Global Export Centre – 40hrs • Completion of Ring Road Stage 2 and 3 and Missing Link - 20hrs • Fast Track Upgrade of Bruce Highway between Rockhampton and Townsville - 20hrs • Upgrade of Peak Downs Highway – 20hrs <p>It has not been possible to directly quantify the impacts towards jobs from investment via these projects as department of Main Roads is yet to provide this information and some projects continue beyond 2021/22, however it is possible to estimate jobs numbers via use of REPLAN Impacts Analysis</p> <p>Global Export Centre - No direct job growth</p> <p>Completion of Ring Road Stage 2 and 3 and Missing Link - 744 FTE jobs both direct and indirect</p> <p>Fast Track Upgrade of Bruce Highway between Rockhampton and Townsville - 328 FTE jobs both direct and indirect</p> <p>Upgrade of Peak Downs Highway - 129 FTE jobs both direct and indirect</p> <p>Additional Projects - 480 FTE jobs both direct and indirect</p>
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<p>Missing Link Road Works (Lead Championed) - RDA MIW is keen to promote a realistic payload capacity for heavy vehicles using the road route from Mackay Port to the western regional coal mining and agricultural areas.</p> <p>Over the past 4 years \$1.3B of federal and state government funded road works for the Mackay region, is either underway or due to commence</p> <ul style="list-style-type: none"> Eton Range realignment/upgrade, Mackay Ring Road Stage 1, Bowen Basin Services Link Road (former Walkerston Bypass) Planning for Mackay Ring Road Stage 2 works <p>The focus is to maximise the productivity benefits to regional industry, including the fuel transport heavy vehicle industry. The Department of Transport and Main Roads (TMR) has indicated that the new road projects are designed to cater for type 1 road trains (36.5m in length) or a B-triple equivalent.</p> <p>Despite the above-mentioned investment there will still be road sections that will only support B-Double standard haulage configurations - thus despite \$1.3B in previous investment toward increasing road freight efficiencies /productivity will not be realised due to these missing link sections of road upgrade</p> <ul style="list-style-type: none"> Road Area between Eton Range realignment and Walkerston by Bypass (21km) Road Area between Mackay Ring Road Stage 2 and Mackay Port (1km) <p>In 2020/21 RDA MIW along with North Qld Bulk Ports commissioned a Premise to complete a study of the costs to upgrade the missing link sections of road to support type 1 road train configuration along the full route - the study concluded \$200M of investment would be required and planning and works could be concluded along with Mackay Ring Road Stage 2.</p> <p>RDA MIW focus is toward identifying the areas of further roads works and their estimated cost to support an ability for Road Train Type 1 (36.5m in length) or equivalent PBS heavy vehicles access to link from Mackay Port to the western parts of the MIW region. Key actions will include.</p> <ul style="list-style-type: none"> Promotion and highlighting of missing link to stakeholders, agencies, and government. 	<p>https://investment.infrastructure.gov.au/projects/ProjectDetails.aspx?Project_id=100013-18QLD-NP</p> <p>RDA GW continued to advocate with regional stakeholders to both State and federal government (and agencies) the further development of the missing link section of road and in 2021/22 the Department of Main Roads and Transport outlined it would include this section of road into its planning development aligned to Ring Road Stage 2/3.</p> <p>Fast Track Upgrade of Bruce Highway between Rockhampton and Townsville</p> <p>RDA GW continued to advocate with regional stakeholders to both State and federal government (and agencies) the further development of the Bruce Highway in areas of the region. The Bruce Highway is the region's major road conduit aligned to freight of products and services and supports vibrant domestic tourism industry and interstate connection</p> <p>The Australian Government has committed over \$10 billion to the Bruce Highway Upgrade Program from 2013-14 to 2027-28 to deliver priority upgrades along the route. For the period 2021/22 the following actions of road upgrade investment for the section of the Bruce Highway between Rockhampton and Bowen, constituting the RDA GW area have commenced or been completed .</p> <ul style="list-style-type: none"> Upgrade flood immunity at Jumper Creek, between Mackay and Proserpine. The project involves upgrading almost 1km of the Bruce Highway between Jorgensens Road intersection and Jumper Creek, north of Mackay. The works will improve safety and reliability on this section of the Bruce Highway for all road users and minimise disruption from flood related closures.- \$23M in total \$18.4M federal and \$4.6M state. The Leap to Careys Creek was delivered as part of the Bruce Highway Upgrade Program to improve safety, flood resilience and capacity along the Bruce Highway. \$39.13M in total - \$31.738M federal and \$7.392M state There were 3 projects under this package: <ul style="list-style-type: none"> Bruce Highway (Mackay—Proserpine), Hampden to Kuttabal, rehabilitate and widen Bruce Highway (Mackay—Proserpine), Palm Tree Creek, construct northbound overtaking lane Bruce Highway, various locations, township entry treatments 	<p>Local procurement (\$)</p> <p>Other regional development outcomes (\$ / number)</p>	<p>Global Export Centre – Not applicable</p> <p>Completion of Ring Road Stage 2 and 3 and Missing Link - Fast Track Upgrade of Bruce Highway between Rockhampton and Townsville - Upgrade of Peak Downs Highway</p> <p>All roads investment projects in Qld managed by the Departments of Main Roads are subject to the local benefits test - which directly supports the use of regional suppliers of services where ever possible - see link to state government policy https://www.forgov.qld.gov.au/data/assets/pdf_file/002/0/182351/localbenefitstest.pdf</p> <p>The influx of workforce associated with the magnitude of roads infrastructure works in the region provides direct supply chain and consumption effects that add to value within the regional economy - While there has been no direct study or assessment of this impact REPLAN Impact Analysis allows for some quantification of additional supply chain and consumption benefits.</p> <p>From a direct increase in investment attributed to road infrastructure construction it is estimated that there is an intermediate goods and services demand rise. These supply-chain effects include multiple rounds of flow-on effects, as servicing sectors increase their own output and demand for local goods and services in response to the direct change to the economy.</p> <p>The increases in direct and indirect output would typically correspond to the creation of jobs in the economy. Corresponding to this change in employment would be an increase in the total of wages and salaries paid to employees. A proportion of these wages and salaries are typically spent on consumption and a proportion of this expenditure is captured in the local economy.</p> <p>Global Export Centre - No direct benefits</p> <p>Completion of Ring Road Stage 2 and 3 and Missing Link</p> <ul style="list-style-type: none"> Supply chain effect - \$251M
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<ul style="list-style-type: none"> • Work with stakeholders to solicit prioritisation of this road infrastructure investment opportunity. • Work with road freight service providers to calibrate the ROI for freight business productivity and efficiency and its flow on benefits regarding regional economy and jobs. • Provide data and information for ROI analysis to government agencies and regional stakeholders with the aim toward fast tracking road infrastructure planning and construction aligned to missing link and Mackay ring road stages 2 and 3. <p>Fast Track Upgrade of Bruce Highway between Rockhampton and Ayr (contributed to) - The Bruce Highway is Queensland's major north-south freight and commuter corridor, connecting coastal population centres from Brisbane to Cairns over a length of 1,677km. It is also a vital part of the National Land Transport Network providing linkages for west-east freight networks connecting a significant resource sector, and inland agriculture production areas to 11 coastal ports, and is a major tourism route.</p> <p>The program commenced on 1 July 2013, with a rolling program of upgrade projects up and down the highway, to be completed by June 2028.</p> <p>The 15-year program focuses delivery on the following 3 priority areas:</p> <ul style="list-style-type: none"> • Safety improvements to enhance the safety of the highway through the provision of wide centre line treatments, intersection improvements, and safety barriers to reduce the risk of fatal and serious injury crashes so that it is safe for all road users. • Flood improvements to enhance the efficiency of the highway by raising bridges and approaches and improving flood immunity on sections of highway subject to frequent flooding. Whilst it may not be feasible at this time to provide an entirely flood-free route, roads are assessed to ensure a consistent standard is provided for that specific network link. • Capacity improvements to enhance economic opportunity through improved level of service on the highway. This will be achieved by the provision of capacity improvement projects such as additional lanes, managed motorways, grade separation (that is, separation of different flows of traffic using physical means) and intersection upgrades. 	<ul style="list-style-type: none"> • Construction has started at the Knobels Road and Nebia Coningsby Road intersection to improve safety and enhance visibility. More than a kilometre of the Bruce Highway at the Knobels Road and Nebia Coningsby Road intersection is receiving safety improvements. Works include extending turning lanes, constructing protected lanes, installing a new road surface and new lighting. This upgrade will improve safety, efficiency and visibility at this intersection and reduce the risk of crashes. \$7M in total funding - \$5.6M federal and \$1.4M state. • Safety upgrades are being delivered to almost 20km of Bruce Highway, from Proserpine to Bowen, Emu reek to Dray Road - as part of the Bruce Highway Upgrade Program to improve safety, flood resilience and capacity. Works include the installation of wide centre line treatments, the removal of roadside hazards, guardrails, and the installation of protected turn lanes to 5 intersections. \$38.82M in total - \$31.06M in federal funding and \$7.76M in state funding • Safety upgrades are being delivered on the Bruce Highway, between Proserpine and Bowen, Ten Mile Creek to Yeates Creek - to create a better transport network that connects regional towns to cities. This section of the Bruce Highway is a key route that connects Mackay to Airlie Beach and the Whitsundays. The highway provides critical linkages for freight movements between inland production areas and eleven coastal ports and major regional centres. Total funding \$44.07M – \$35.25M federal investment and \$8.82M state investment • The Bruce Highway Bowen Connection Road and Don Street intersection will be upgraded to provide a safer, smoother, more efficient road network. The project will also reconfigure the intersection to include a separate lane for vehicles turning right from the Bruce Highway to enter and accelerate to through traffic speed before merging.- Total investment in \$8.03M - \$6.42M in federal funding and \$1.6M in state funding <p>Upgrade of Peak Downs Highway The Peak Downs Highway is considered a key strategic freight route of national significance and is recognised by the Department of Transport and Main Roads' (TMR) Moving Freight Strategy as a critical link supporting the mining and agricultural sectors. It is the principal road freight route supporting mining activities in the Bowen Basin, connecting the area to both the Port of Mackay and to the regional service centre of Emerald.</p>	<ul style="list-style-type: none"> • Consumption effect - \$97M <p>Fast Track Upgrade of Bruce Highway between Rockhampton and Townsville</p> <ul style="list-style-type: none"> • Supply chain effect – \$84M • Consumption effect - \$34M <p>Upgrade of Peak Downs Highway</p> <ul style="list-style-type: none"> • Supply chain effect - 9.7M • Consumption effect - \$6.9M <p>Additional</p> <ul style="list-style-type: none"> • Supply chain effect - \$123M • Consumption effect - \$50M <p>Other facilitation activities</p> <p>RDA GW at the end of the 2021 /22 FY commenced discussions with BHP, NQBP and the shipping logistics company ANL (part of CMACGM Group) to investigate the opportunity of containerised sea freight solutions into and out of Mackay Harbour. In the past the challenge with sea freight containerisation supply from Mackay Harbour has been a lack of imports via container volume to support a service. Mackay has always had opportunity regarding refrigerated and standard containers export volumes. But economic viability of containerised transport requires similar volumes of container use for both import and export. Recent changes to BHP supply chain strategies and arrangements induced by a focus toward low carbon solutions is now supporting BHP investigation toward localised shipping container management solutions v/s the current transport logistic solution which is to freight all imports into metro-based seaports and rail and truck domestics movement into regions like the Greater Whitsundays.</p> <p>In support of ANL studies investigating containerisation demand for imports and export of product via standard and refrigerated containers, RDA GW has undertaken regional business surveys and assessment of containerisation demand and use along with food export supply data and information to support ANL study and investigations.</p> <p>Link to ANL company overview https://www.anl.com.au/about/the-group</p>
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<p>A review of 23 projects works completed to date and the 37 projects seeking to be completed highlights that in total less than 7 of these projects are within the Rockhampton to Ayr section of the Bruce Highway - and those projects that have predominate expenditure within 20km of major regional centres along that route. The outcome is that for the 660km of Bruce highway between Rockhampton and Ayr to date most of it has had limited road maintenance, repair of upgrade. The need to ensure safe and productive road surface along this route are maintained cannot be underestimated to the MIW regional economy</p> <p>Key actions will include.</p> <ul style="list-style-type: none"> Working with stakeholders to advocate for an enhanced investment to key height risk areas of the Bruce Highway between Rockhampton and Ayr. Liaise with DTMR to understand planned works and actions scheduled for this section of Bruce Highway Where required capture economic and production information aligned to the value of this section of road to regional and state and national economy and provide this intelligence to the stakeholders <p>Upgrade of Peak Downs Highway (contributed to) – The Peak Downs Highway is one of the most valuable supply chain routes in Queensland and is estimated to contribute some \$7B of GRP annually. Continued investment in the Peak Downs Highway has direct economic impacts across regional supply chains, and significant safety implications.</p> <p>Peak Downs Highway is listed as a State Controlled Local Road of Regional Significance and serves as a critical east-west transport link between Clermont, Moranbah and Mackay.</p> <p>There are three main project areas on the Peak Downs Highway, including widening sections between Mackay and Nebo and widening sections between Nebo and Clermont. Additionally, replacement of eight narrow bridges is also required to assist in the movement of freight and create a safer road network</p> <p>Key actions will include.</p> <ul style="list-style-type: none"> Working with stakeholders to advocate for an enhanced investment to key height risk areas of the Peak Downs Highway 	<ul style="list-style-type: none"> Peak Downs Highway (Clermont to Nebo) Works are underway to widen and strengthen about 14km of the Peak Downs Highway between Clermont and the Peak Downs Mine turnoff in Central Queensland. The project will provide a 9m-wide sealed roadway with 1m-wide road shoulders. The section of highway being upgraded is one of the narrowest sections connecting Clermont to Mackay. Widening the Peak Downs Highway along this section will improve safety by providing wider road shoulders, which motorists may need to use if they: <ul style="list-style-type: none"> accidentally leave the traffic lane need to give way to over-sized vehicles (which are common due to mining activities); or are faced with a potential hazard on the roadway. <p>Widening and strengthening the highway will also help prevent wear and tear on the road edges, improve safety, prolong the life of the road, and reduce ongoing maintenance costs. Total Funding \$35M – Federal funding of \$28M and State funding of \$7M</p> <ul style="list-style-type: none"> Peak Downs Highway Clermont to Nebo) refed to as the Wolfgang project .The Wolfgang project upgrades 3km of highway. The Wolfgang Road intersection project upgrades the right turn onto Wolfgang Road and 2 informal stopping bays. More than 250,000 tonnes of freight, valued at \$600 million, is moved on the Peak Downs Highway per year between Moranbah and Clermont. The Wolfgang project upgraded 3 sections of the highway, improving road user safety by increasing separation between heavy vehicles and other road users, increasing recovery area for errant vehicles and improving pavement protection. The Wolfgang Road intersection project upgraded the right turn onto Wolfgang Road, reducing the likelihood of collision with heavy vehicles. The project also improved 2 informal stopping bays. Total funding of \$11.5M - federal funding \$7.4M and State funding of \$4.1M. Peak Downs Highway Nebo to Mackay. Safety upgrades have been delivered on the Peak Downs Highway as part of the Targeted Road Safety Works Program. This includes widening sections of the existing highway, upgrading intersections as well as addressing roadside hazards to improve the safety of this section of highway between Eton and Mackay. \$18M in total funding - \$14.4M of federal funding and \$3.6M in state funding <p>Additional Road Upgrade Projects</p>		
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<ul style="list-style-type: none"> • Liaise with DTMR to understand planned works and actions scheduled for this section of Road • Where required capture economic and production information aligned to the value of this section of road to regional and state and national economy and provide this intelligence to the stakeholders. 	<ul style="list-style-type: none"> • Proserpine – Shute Harbour Road duplication for the section Paluma Rod to Tropic Road An upgrade is being delivered to a 1.5km section of Proserpine-Shute Harbour Road in Cannonvale. The upgrade comprises 3 projects, which will widen Proserpine - Shute Harbour Road from 2 to 4 lanes, build a new shared pathway and upgrade key intersections between Paluma Road and Tropic Road. Proserpine - Shute Harbour Road is the sole arterial road linking the Bruce Highway and Proserpine to the Whitsunday townships of Cannonvale, Airlie Beach, Jubilee Pocket, and the port of Shute Harbour. This section of the road sees an average of 26,640 traffic movements a day and has a history of road crashes. This upgrade will improve traffic flow and increase safety for all road users both now and into the future. Total funding of \$31.6M - \$14.1M federal and \$17.5M state. • North Mackay Road upgrade. The project strengthened and resurfaced a section of Rockleigh-North Mackay Road (known locally as Sams Road), to provide a safer, smoother, and more efficient road network. Rockleigh-North Mackay Road is a state-controlled multi combination vehicle route that provides access to Mackay Harbour and serves as an access route to numerous residential properties. A safe and efficient roadway is essential for all motorists and better supports major industries including, tourism, resources, and agriculture. \$5M in total funding - \$4M federal investment and \$1M state investment. • May Downs Road - May Downs Road is the main east-west vital link connector for local commodities, primary producers and the mining sector between eastern centres and Bowen Basin mining communities along the Fitzroy Developmental Road. A 5km section of May Downs Road, from Carfax Road to Pomegranate Creek Bridge will be sealed to a width of 8m to improve safety, efficiency, and wet weather access for all road users. In addition, the department is undertaking a planning project for further upgrades. This project will investigate priority areas along the remaining unsealed section of road for future upgrades, including progressive paving and sealing. Once planning is completed, funding and project timelines can be determined. The department is developing a business case to assess and recommend delivery options. Total funding \$8.2M – federal funding \$6.4M and state funding \$1.8M • Walkerston Bypass. The Walkerston Bypass will deliver a new 2-lane rural highway to connect Peak Downs Highway west of Walkerston to the Mackay Ring Road near Paget. The new 		
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	Walkerston Bypass will become the designated heavy vehicle route for B-double and other multi-combination vehicles, including A-double road trains, between the Bruce Highway and the Peak Downs Highway. Total Funding \$186.6M - federal funding of \$149.28M and state funding of \$37.32M		
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Activity 7			
Implementation of Energy and Water Infrastructure includes sub programs.	Gas for Mackay Project	Provide details of outcomes \$ / Number	
<ul style="list-style-type: none"> Gas for Mackay Project MIW Regional Water Strategy Renewable Energy Projects – waste to energy <p>Gas for Mackay Project (Lead Championed) - The federal budget of 2020 outlined a new funding focus associated with Gas Recovery and the increased supply and use of gas to underpin energy supply and in doing so drive increased manufacturing, regional jobs, and regional outputs.</p> <p>Supporting this the federal government committed funding for the completion of the North Bowen and Galilee Gas Basin plan- where the plans will include.</p> <ul style="list-style-type: none"> Geoscience Australia will develop a report on the gas reserves in the region, as well as other potential commodities such as critical minerals, coal, gold, etc. Boston Consulting Group (BCG) will be doing a research piece to look at the economic potential of the basins and consider the infrastructure; regulatory; business capability; and workforce opportunities to unlock the basins. This report will also provide recommendations to government. In parallel, CSIRO is also researching the environmental and socio-economic impacts of gas development through the Gas Industry Social and Environmental Research Alliance (GISERA). <p>In December 2020 RDA MIW coordinated a meeting of the Greater Whitsunday Council of Mayors (GWCOM) to further strategic discussion regarding the gas basin plans and opportunities that could be investigated and explore options for supply of gas to support MIW manufacturing given the high cost of grid power.</p> <p>At present no gas is supplied to the predominant manufacturing areas of the MIW coastal areas, it was evident the while interest existed</p>	<p>Gas is a critical energy source for Queensland’s manufacturing sector. Access to affordable gas supply will support jobs in our supply chain and industries as well as providing gas to firm electricity supplies, allowing the integration of greater volumes of renewable electricity.</p> <p>The Bowen Basin, which has traditionally focused on metallurgical coal production, has the potential to bring more gas to Queensland’s domestic and export markets – by opening areas for new gas production and capturing unutilised gas from coal mines.</p> <p>Increasing supply to the east coast will not only mean more affordable gas for domestic customers but will provide more royalties for Queensland and jobs for Queenslanders.</p> <p>A gas pipeline connecting the Bowen Basin to coastal locations can potentially reduce fugitive gas emissions from the resources industry, contributing towards Queensland’s transition to a low-carbon economy.</p> <p>RDA GW in conjunction with local government completed a series of prefeasibility investigations evaluating the opportunities associated with the supply of gas from Moranbah to Mackay and other coastal end point locations within the region.</p> <p>Access to coal seam gas production and supply via main grid pipelines emanates from the Greater Whitsunday region (Moranbah). Despite large quantities of coal seam gas being in the region none of this gas is consumed in the region, rather it is piped hundreds and thousands of kilometres away to power generation facilities or used directly within manufacturing.</p> <p>A prefeasibility study commissioned in FY 2020/21 by RDA GW and local governments confirmed likely cost benefits in the supply of coal seam gas from Moranbah to Mackay for use in manufacturing and would provide a low-cost supply of energy as compared to current electricity energy options and would have an asset and infrastructure payback period that could support a bridging process between now and when renewable energy options are viable to support broadscale manufacturing in the region.</p>	Investments (\$)	<p>Gas for Mackay Project</p> <p>Stage 2 Project</p> <ul style="list-style-type: none"> RDA GW \$10,000 toward studies and assessments Local government \$70,000 toward studies and investment <p>Stage 3 project</p> <ul style="list-style-type: none"> RDA GW \$5,000 toward studies and assessments Local government \$10,000 toward studies and investment <p>MIW Regional Water Strategy</p> <ul style="list-style-type: none"> RDA GW invested \$5,000 cash Other regional stakeholder investment - \$205,000 <p>Renewable Energy Projects – waste to energy</p> <ul style="list-style-type: none"> Local government via the Greater Whitsunday Council of Mayors has committed \$150K toward early-stage feasibility assessment to consider regional wide waste to energy framework/strategy and operations. <p>RDA GW in-kind - aligned to participation in regional working groups, project proposal development, services/ contract oversight, strategy development or business plan or feasibility development and advocacy and workshop activity.</p> <ul style="list-style-type: none"> Gas for Mackay Project - 80hrs MIW Regional Water Strategy - 120hrs Renewable Energy Projects – waste to energy - 40hrs

<p>there was very little understanding of the viability toward gas supply to the MIW coast.</p> <p>In December 2020 RDA MIW approached the (GWCOM) toward the completion of an initial study/evaluation of gas supply cost and options to Mackay/Proserpine from Moranbah.</p> <p>In early 2021 RDA MIW and Mackay Regional Council co funded an early feasibility assessment for supply of gas from Moranbah to Mackay - report findings confirmed that a gas spur supply to Mackay could offer cost effective energy supply options and that several potential major users of gas supply had been identified in Mackay.</p> <p>In 2021/22 RDA MIW and Mackay Regional Council are keen to now enter a further stage of evaluation post the initial study and recommendations where stage two is a focus toward engagement with the gas owners and energy developers to see if interest exists to explore gas supply to Mackay and to further assess use interest by local manufacturers.</p> <p>Key actions will include.</p> <ul style="list-style-type: none"> • RDA MIW to administer Stage 2 study with consultant. • Further evaluate gas supply investment interest and operations via third parties. • Validate ROI and job number considerations resulting from supply of gas and support of manufacturing. <p>MIW Regional Water Strategy (Lead Championed) - One of regions strategic priorities is water. Within the RDA MIW (FY 2020/21 operational plan) and many others economic development stakeholder plans water and its access and use is highlighted as key factor controlling regional development and growth.</p> <p>In 2020/21 RDA MIW and other stakeholders engaged GHD to complete a gaps and opportunities analysis pertaining to water management in MIW region. The report highlighted there was an opportunity for a regional led development of a Mackay Isaac Whitsunday (MIW) Regional Water Strategy. RDA MIW supported the developed a framework and process which included establishing a steering committee for the project delivery, with the aim of engaging a consultant to deliver the MIW Regional Water Strategy project.</p> <p>The purpose of this project is not to duplicate the excellent work of others, but rather bring together resources and further, identify opportunities to drive economic growth through optimising accessibility to available water resources in the MIW region.</p>	<p>Stage 2 of the assessment of viability for coal seam gas supply was funded and contractually managed by RDA GW and funded also by local governments. The focus of the activity having previously confirmed a level of gas supply feasibility for manufacturing within a calculated cost range, was to approach regional manufacturing and potential gas users and gauge commercial interest from not only gas users/consumers but also gas suppliers and infrastructure developers.</p> <p>The stage 2 investigations confirmed a significant gas consumption for manufacturing interest in the region which included supply locations, volumes, and cost sensitives and timeframes of demand. In addition, the investigation was able to secure several commercial interest parties that based on the 2020/21 feasibility assessment and further consumer demands information could foresee a viable option and role toward the supply of gas infrastructure to support coal seam gas supply from Moranbah to Mackay.</p> <p>Form this work RDA GW and Local governments in the region were able to secure interest from the State government as part of its Bowen Basin Gas Pipeline Study to include options to investigate supply of gas to Mackay in addition to the supply of coal seam gas to Gladstone or Moura or other southern locations that form considerations for the Bowen Basin gas supply study. The Qld government is now completing market engagement process. The aim of the market engagement is to build on the information obtained in the concept study to gain a detailed understanding of the commerciality of a pipeline from the market's perspective. This will help improve investor confidence and hasten the development of a pipeline in the Bowen Basin.</p> <p>It should be noted that the policies of the Labour federal government as of 2022 may not support this type of regional development opportunity – however state government has outlined its support for further gas infrastructure development.</p> <p>See Bowen basin study report https://www.resources.qld.gov.au/data/assets/pdf_file/0008/1592855/bowen-basin-study-final-report.pdf</p> <p>Stage 3 investigations funded by RDA GW and the three local governments was a desk top assessment of potential gas pipeline routes for the supply of gas from Moranbah to Mackay and enroute supply to Nebo industrial park located east of Moranbah on route to Mackay and an assessment of supply line options from the North Qld Gas Supply line (already connecting Moranbah to Townsville) and consideration of a spur line through to the Abbott Point State Development Area.</p>	<p>Jobs (number)</p> <p>Local procurement (\$)</p>	<ul style="list-style-type: none"> • Additional Water Projects – Mine Wastewater - 60hrs <p>Gas for Mackay Project</p> <ul style="list-style-type: none"> • Direct studies and investigations utilised the services of 2 consultation staff - 160hrs in total. <p>MIW Regional Water Strategy</p> <ul style="list-style-type: none"> • Direct studies and investigations utilised the services of 5 consulting staff - 1068hrs • Irrigation best practice project proposal - if funding can be secured this project would support 8 FTE staff operating in the region over 5 years. • Irrigation Piped Infrastructure Feasibility Study - feasibility study would likely require 2000 hrs of consulting service support. <p>Renewable Energy Projects – waste to energy</p> <ul style="list-style-type: none"> • Direct studies and investigations utilised the services of 2 consultants - 200hrs <p>Gas for Mackay Project</p> <ul style="list-style-type: none"> • Feasibility assessment from the studies confirmed the construction of gas pipeline between Moranbah and Mackay could support <ul style="list-style-type: none"> ○ Cost approx.. \$115M ○ 200 construction jobs over a 18mth period ○ Supply Chain Effect - \$87M ○ Consumption effect - \$35M <p>MIW Regional Water Strategy</p> <ul style="list-style-type: none"> • Irrigation Best practice Project Proposal - Once in place the projects will support \$18M over 5 years utilised by regional service suppliers • Water Scheme infrastructure Upgrade Feasibility Assessment - draft proposal developed thus far outline an investment of \$200,000 for the assessment study by a suitable consultant. • Mine Waster Water Reuse Feasibility Assessment - draft proposal developed thus far outline an investment of \$240,000 for the assessment study by a suitable consultant. <p>Renewable Energy Projects – waste to energy</p> <ul style="list-style-type: none"> • Local government via the Greater Whitsunday Council of Mayors has committed \$150K toward
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<p>Fundamental to the strategy development is bringing together need (water demand) and opportunity (water sources), as well as identifying tangible and realisable opportunities to make best use of available/accessible water resources and leveraging the outputs of this analysis to other studies i.e. agricultural production/supply chains and logistics studies.</p> <p>In early 2021 the MIW regional water strategy was completed. The strategy has identified several recommendations in support of driving increased levels of economic return/productivity from water where the recommendations are a combination of policy changes, infrastructure needs and operational enablers in support of maximising economic return from use of water.</p> <p>Key actions will include.</p> <ul style="list-style-type: none"> • RDA MIW to work with stakeholders in completing key recommendations some of which seek to drive direct increase in regional productivity resulting from enhanced water use. • In delivering recommendations RDA MIW and Stakeholder will evaluate impact toward regional productivity and revenue outputs and influence toward jobs. <p>Renewable Energy Projects – waste to energy – (contributed to) Waste to energy opportunities is a vital focus area for the MIW region, particularly considering the Queensland Waste Management and Resource Recovery Strategy. Mackay Isaac Whitsunday are committed to developing a coordinated response to alternative waste strategies, utilising each local government area’s waste stream along with exploring options of waste recovery within major sectors and commodities.</p> <p>In late 2021 RDA MIW worked with regional stakeholders to explore options in collaborating to develop a MIW regional Waste to Energy Strategy. Where the strategy would align toward the investment opportunity for new bioenergy and energy from waste products.</p> <p>In Australia, the waste to energy market is estimated to be between \$3.5B and \$5B annually, with the potential to avoid up to 9 million tonnes of CO² emissions each year. The Mackay Isaac Whitsunday region collaboratively has significant waste feedstock and a strong desire to focus on bio-energy production in the future.</p> <p>Key actions will include.</p> <ul style="list-style-type: none"> • Source funding support for MIW region to complete a waste to energy strategy. • Commence implementation of recommendations from the strategy with regional stakeholders. 	<p>RDA GW contracted the services of RLMS and Park Lane Developments (consultants) to develop possible pipeline route GIS Maps. The scope included high level route planning from the Moranbah and Nth Qld Gas Pipeline and a terminus point(s) in the Issacs, Mackay and Whitsunday Regional Council areas. These points were confirmed by each local government during the study.</p> <p>Key considerations for the study and the ultimate suggestions of pipeline locations included</p> <ul style="list-style-type: none"> • The origin point will be a determined site along the Nth Qld Gas Pipeline owned by Palisade Investment Partners. • Pipeline route to be developed based on desktop constraints • Identification of any constraints along the pipeline (such as sensitive vegetation, mining leases, cultural heritage sites) • Identification of land parcels, road reserves and other land tenures. • Identification of power lines and associated infrastructure. • Summary of approvals required (e.g., PSL/PPL Regional Planning Interests) • Land access requirements. • GIS services to support the scope and desktop investigations; and • Any other matters that may prevent or restrict pipeline construction <p>The focus of this work was to add to the stage 2 study by showcasing to the Qld government and agencies and potential development investors the possible gas pipeline routes that can be aligned to the development and use of coal seam gas within the same economic region and supporting regional manufacturing v/s just moving the gas into other regional locations.</p> <p>MIW Regional Water Strategy In the 2020/21 FY RDAGW and GW3 coinvested to complete a regional water strategy.</p> <p>https://static1.squarespace.com/static/5e4ce5c91e5a64752b65c169/t/606e9e64e3bc3659466eb4e2/1617862315821/21_04_07_GW3+Regional+Water+Strategy_Final+Report.pdf</p> <p>A key finding from the study found that allocations from the supplemented water supply schemes are subject to low levels of utilisation, particularly in the irrigation sector, with usage of available water for the period 2013-2019 averaging 37 per cent, 25 per cent, and 39 per cent for the Eton, Pioneer, and Proserpine water supply schemes</p>	<p>Other regional development outcomes (\$ / number)</p> <p>Other facilitation activities</p>	<p>early-stage feasibility assessment to consider regional wide waste to energy framework/strategy and operations. Local consulting firms will have ability to tender for the job.</p> <p>MIW Regional Water Strategy</p> <ul style="list-style-type: none"> • Irrigation Best Practice Project Proposal and activity seeks to support an additional \$9M per annum increase in sugarcane production value generating an additional \$36M per annum in local supply chain and consumption effects. <p>Upgrade to new irrigation water scheme supply infrastructure RDA GW commenced discussion in late 2021/22 and will continue planning and discussion into FY 2022/23 toward the feasibility assessment of upgrades to water supply infrastructure for the Eton and Pioneer Valley water supply schemes. Combined these schemes supply 235,000ML of water for urban, industrial, and rural use - irrigation for rural use comprises 90% of the above schemes water allocation.</p> <p>A key identified issue to the declining use of rural irrigation water in the region as outlined by irrigation users is the cost of water and cost to irrigate namely energy costs.</p> <p>Discussion with water /irrigation scheme managers who charge irrigators for water allocation and use has outlined the cost of water supply for these schemes to users has increased 4-fold in the past 5 years due to increasing electricity cost.</p> <p>Information provided via the MIW Water Strategy highlighted these two major water supply schemes in the region utilised water supplied from water storages and rivers which is pumped and then supplied via creeks, waterways and channels which necessitated the repumping of water a further 2-4 times (depending on irrigation users location) to support water supply to irrigators. In effect the irrigation scheme in the region which was established over 40 years ago while being lower in capital costs is a high operational cost scheme and system.</p>
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	<p>respectively. This sees the non-use collectively at 108,499ML of water allocation per annum on average (Sunwater Scheme Annual Reports).</p> <p>Sugarcane farm production systems are aligned to 99% of the irrigated water allocations from the above water schemes.</p> <p>RDA GW, GW3 and QDAF picked up on this issue and completed additional preliminary analysis and discussions with water managers, industry, research providers and producers/processors to ascertain if interests exist to complete a program that seeks to increase water use via irrigation in sugarcane production systems.</p> <p>All stakeholders expressed positively toward an integrated program seeking to combine public and private investment to understand and increase water use (irrigation) in rural production sugarcane systems.</p> <p>Conservative estimates (65% water use efficiency) indicated opportunity for full use of water allocation via the water supply schemes could increase regional sugarcane industry outputs by \$30M per annum from direct sugar sale proceeds and this generates a further \$180M in local supply chain and consumption effects.</p> <p>Irrigation Best Practice Project Proposal</p> <p>In the period RDA GW , QDAF and GW3 successfully lead the formation of a working group and associated governance model and have completed some preliminary desk top analysis of the issues and potential solutions, and with support from Sugar Research Australia have completed a survey of producers relating to cultural and operational practices relating to under use of water allocation.</p> <p>Findings from the analysis indicated there were range of reasons that have led to the underutilisation of irrigation- these included , perceived high cost and lack of economic returns, lack of labour to support irrigation use, old and non-functional irrigation equipment, lack of industry future confidence, age of producer limiting desire to undertake irrigation due to higher labour requirements, 40% of producers had off farm primary income and could not devote time to irrigation. The variable responses showcase the need for any intervention and correction program to be place based and flexible to meet individual and groups of producer needs.</p> <p>Research undertaken by BSES and now Sugar Research Australia over the 1990's, 2000's and 2010's confirms that the use of irrigation water within the Greater Whitsundays sugarcane production region should yield anywhere from 7-10 t cane/ML of applied irrigation even with tradition irrigation techniques of furrow and high-pressure travelling irrigator (in some trials the benefit returns recorded where as high as 22 t cane/ML of water applied). The collective research confirms a positive</p>	<p>Opportunity exists to explore a lower operating cost water supply scheme using gravity feed water via piping infrastructure and thus an ability to supply pressurised water to irrigators using existing dam water storages coupled with investment toward piped water infrastructure to the farm gate.</p> <p>Such a piped water infrastructure investment solutions could utilise the natural 790m fall from the dam storages to the irrigation areas via piping and thus reduce need for electricity pumping.</p> <p>Mine wastewater</p> <p>Another key recommendation from the Regional Water Strategy related to the existence and potential reuse of 185,000ML of mine wastewater currently held within 30 water storages across the Bowen Basin. At present this water is not being used for anything. To put this volume of water in context Mackay and Sarina LGA is serviced in from 2 water storages with a combined water allocation associated with these storages in 236,000ML and it supports an agriculture area of almost 50,000 ha and population of almost 130,000. Currently the mine wastewater is held in dams and is discharged into water ways during periods of high overland water flow in the wet seasons. In late 2021/22 RDA GW in conjunction with other regional stakeholders completed the development of project proposal EOI's which were submitted to CRC NA and CRC TiME to complete an initial study to evaluate feasibility options for the reuse of this mine wastewater. At the time of drafting this report both proposal submissions were not able to be confirmed as being successful.</p>
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	<p>ROI from the supplementary use of available irrigation in the period for Jul- Nov in any given year. In addition, it indicates opportunity based on ROI considers implementing solutions such as contracted irrigation and labour and irrigation equipment lease or hire operational solutions.</p> <p>From this work a stakeholder workshop was completed in March 2022 to provide input toward a draft multiyear project proposal designed to support producer confidence and use of water allocation via irrigation and in turn increase production levels within the regional sugarcane industry.</p> <p>Following the March 2022 meeting RDA GW in conjunction with SRA and QDAF refined the draft project proposal and engage regional stakeholders to consider a private (industry) and government 50:50 funded project to support a what is essentially a 5 year \$18.5M project to realise an additional \$9M per annum increase in production value generating an additional \$36M per annum in local supply chain and consumption effects.</p> <p>A review of federal and state government grant programs aligned to water and or agriculture development indicates that there are limited avenues to pursue public funding support aligned to the project proposal the has been drafted. In response to this RDA GW , SRA and QDAF have commenced and will continue discussion with agencies and ministers to foster the development of programs that can support such proposals. RDA GW has secured interest and ongoing discussion with both Federal and State Department of Agriculture, Forestry and Fisheries and have met with relevant Ministers on this matter.</p> <p>Our hope and plan is to see programs that can support such projects in 2022/23.</p> <p>Renewable Energy Projects – waste to energy</p> <p>RDA GW completed discussions with respective local government in the region to explore the completion of combined waste to energy strategy that could value add to actions being investigated and looked at by the respective local government regarding waste to energy solutions.</p> <p>Following discussions, it has been agreed by the Local governments that they will complete a joint process to develop a combined waste to energy policy and framework.</p> <p>It should be noted that currently each local government already has waste to energy policy and framework which is focused on waste hierarchy which provides guidance on the order of preference for a range of waste management approaches to achieve efficient resource use. The recovery of energy is considered a less preferred approach in</p>		
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	<p>the waste hierarchy to higher order outcomes of avoid, reduce, reuse, and recycle.</p> <p>The objectives of completing a regional Energy to Waste policy , framework and strategy is a recognition that within regional areas the ability to realise economic viable, environmental, and socially acceptable range of industrial and processing solutions is often difficult because of the limited economies of scale and product volumes at individual local government area scale. Given the relatively lower levels of population in the outer regional, remote, and very remote areas of the region. However, combined as collective of 3 local government areas it may be possible to devise waste to energy solutions at the required scale.</p>		
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Activity 8

<p>Employment and Skills Development includes sub programs</p> <ul style="list-style-type: none"> Local Jobs Program MIW Jobs of Future Mine Safety Rescue Centre of Excellence Whitsundays Marine Centre of Excellence <p>Local Jobs Program (contributed to) - The Local Jobs Program brings together expertise, resources, and access to funding at the local level to support job seekers and their communities in each region. The program has a particular focus on reskilling, upskilling and employment pathways and is part of supporting Australia’s economic recovery from the COVID-19 pandemic.</p> <p>As announced in the 2021-22 Budget, from July 1, the Department of Education, Skills and Employment (DESE) will extend the Local Jobs</p>	<p>Local Jobs Program</p> <p>RDA GW CEO holds s position on the Federal Government Local Jobs Programs Taskforce Council for the Greater Whitsunday region. The Local Jobs Program (LJP) brings together expertise, resources, and access to funding at the local level to focus on the reskilling and upskilling of jobseekers and the enhancement of employment pathways across the Greater Whitsunday region from 1 July 2021 through to the 30th of June 2025. Over the financial year the Local Jobs Taskforce has completed the following actions.</p> <ul style="list-style-type: none"> Redrafted a new Greater Whitsunday Local Jobs Plan - link to new plan https://www.dewr.gov.au/local-jobs-program/resources/mackay-local-jobs-plan Completed one employment project that supported 20 Indigenous Australians in improving their life skills and completion of training within the hospitality and construction industries. 	<p>Provide details of outcomes</p> <p>Investments (\$)</p>	<p>\$ / Number</p> <p>Local Jobs Program</p> <ul style="list-style-type: none"> Programs supports annual investment of \$250K p.a. of federal funding which is leveraged \$\$ with proponent funding. <p>MIW Jobs of Future</p> <ul style="list-style-type: none"> The jobs of future program invested in total \$300K toward regional studies and action plans. Investment was secured from State government and stakeholders. <p>Mine Safety Rescue Centre of Excellence</p> <ul style="list-style-type: none"> Isaac Regional Council has provided 8.5ha of land area for the site. Notional market value of \$5M. <p>Whitsundays Marine Centre of Excellence</p>
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<p>Program to all 51 Employment Regions. This includes the MIW region.</p> <p>For the period 1 July – 30th September the department will provide an internal staff support to get the program running in the MIW region with temporary staff based in Townsville to service the MIW region - the longer-term approach is to contract a service provider to provide the support to the program based in Mackay.</p> <p>The programs delivery includes the establishment of a Local Jobs and Skills Taskforce in the MIW region and the provision of funds to support regional projects to get current unemployed people back into work.</p> <p>The program will support a program manager and program support officer and access to separate funding for the roll out of back to work initiatives and programs to support getting people back to work.</p> <p>Key actions will include.</p> <ul style="list-style-type: none"> • Applications for the program delivery are open and RDA MIW has relayed the programs applications opportunities to both public and private entities in MIW via its networks. • RDA MIW will promote the program and our thoughts and views toward possible entities to be represented on the Local Jobs and Skill Taskforce. • RDA MIW will seek representation on the taskforce. • As a member on the taskforce RDA MIW will have input toward development of employment solutions and initiatives. <p>MIW Jobs of Future (contributed to) - The global, national, and local economy and labour market are changing, we are experiencing rapid innovation and evolving technology, creating uncertainty about what the future of our workforce will look like. The adoption of Automation, Robotics, AI and others advances focused at improving productivity and safety see predictions of future job market where adoption of new technology generates between 9- 50 % reduction in jobs numbers.</p> <p>The impacts of COVID-19 are having large impacts on workforce, and this includes utilise technology and an ability to work virtually. The impact of changing technologies and their influence on jobs and skills in unequal across industry sectors and thus has differential impact across or regional and sub regional economy.</p> <p>The MIW region is facing several future workforces' challenges.</p>	<ul style="list-style-type: none"> • Finalised with support from the programs employment facilitator 2 additional draft proposals that support Local Jobs Recovery Funds investment to enhance employee access to work force associated across the aged health care and meat processing sectors <p>MIW Jobs of Future</p> <p>The Mackay Regional Jobs Committee operates as a working group of the Create Our Future Steering Committee. The Create Our Future Steering Committee ensures that the Greater Whitsunday region has an appropriate response to the changing nature of work and the impacts of the Fourth Industrial Revolution.</p> <p>The Mackay Regional Jobs Committee project was delivered alongside the Mackay Isaac Whitsunday Future Employment Study, which helped inform the recommendations of the Mackay Regional Jobs Committee project.</p> <p>The Mackay Isaac Whitsunday Future Employment Study combines both qualitative and quantitative analysis of the expected impact of technology at an occupational level within the Greater Whitsunday region.</p> <p>The alignment in findings between the Mackay Isaac Whitsunday Future Employment Study and the Mackay Regional Jobs Committee projects demonstrated the validity of the data collected within the Mackay Regional Jobs Committee project.</p> <p>The intention of this report is to provide local intelligence to inform what training, skills, and workforce development needs and gaps within the region and recommendations around how these can best be met.</p> <p>The Mackay Regional Jobs Committee included representation from RDA GW, key industries and employers including Agriculture, Construction, Retail, Mining and Health Care and Social Assistance. It also included representation from training and education providers, as well as local and state government representatives.</p> <p>Mackay Regional Jobs Committee members were responsible for connecting with their networks to broaden stakeholder engagement and feed information and data back into committee discussions.</p> <p>See link to job of future skills Road Map - https://static1.squarespace.com/static/5e4ce5c91e5a64752b65c169/t/</p>	<p>Jobs (number)</p> <p>Local procurement (\$)</p>	<ul style="list-style-type: none"> • Whitsundays Regional Council has committed \$250K toward site and feasibility planning for the centre. <p>RDA GW in-kind – aligned to participation in regional working groups, project proposal development, services/ contract oversight, strategy development or business plan or feasibility development and advocacy and workshop activity</p> <ul style="list-style-type: none"> • Local Jobs Program – 50hrs • MIW Jobs of Future - 50hrs • Mine Safety Rescue Centre of Excellence - 10 hrs • Whitsundays Marine Centre of Excellence – 10 hrs • Bowen Harbour Upgrade - 20hrs <p>Local Jobs Program</p> <ul style="list-style-type: none"> • Program supports 2FTE that operate in the region <p>MIW Jobs of Future</p> <ul style="list-style-type: none"> • Futures Jobs Plan, Strategies and activity supports 2 FTE staff based in the region. <p>Local Jobs Program</p> <ul style="list-style-type: none"> • Programs supports annual investment of \$250,000 p.a. of federal funding which is leveraged \$:\$. • Program support 2FTE that operate in the region <p>MIW Jobs of Future</p> <ul style="list-style-type: none"> • Mine Safety Rescue Centre of Excellence (now called the Isaac Resources Excellence Hub.- IREH) is seeking to secure \$2M in investment to support master planning and site development. Consistent with local government procurement policies the contracting of site development and construction will be targeted to local service suppliers. <p>Whitsundays Marine Centre of Excellence</p> <ul style="list-style-type: none"> • Whitsundays Marine Centre of Excellence (now called the Bowen Marine Industry Precinct) is seeking to secure \$2M in investment to support master planning and preliminary site development. Consistent with local government procurement policies the contracting of site development and construction will be targeted to local service suppliers.
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<ul style="list-style-type: none"> Casualisation of Workforce and directly flexibility of the workforce to balance home and work and an increase in contracting, working part time and working later in life Transient Labour – Fly in Fly Out and use of Visa Workers Rise of high tech, high touch, and high care jobs <p>Reliance on digital connectivity and regions limited readiness, access and infrastructure RDA MIW and other stakeholders committed funding in 2020/21 to support a regional analysis and collaborative approach in planning out a suitable future for the regions workforce and sector viability.</p> <p>Key actions will include.</p> <ul style="list-style-type: none"> Establishment of Job of Futures Working group of Stakeholders. Working group to support the study and its findings and the development of strategies and projects to support business transition. <p>Mine Safety Rescue Centre (otherwise assisted) In the past two years the MIW region has seen several major mine related safety incidents. In each case the incidents have resulted in the loss of life, and significant injuries and lengthy follow up reviews and analysis of safety process and procedures which has closed mining operations for several months at sites.</p> <p>A critical finding from the reviews is a need to ensure the response to a mine emergency is swift and that training opportunities evolve.</p> <p>In this regard it is important the existing Mine Safety Rescue Centre is moved from Dysart to Moranbah.</p> <p>Relocating the facility by Queensland Mines Rescue will allow for a fully-fledged mines safety research and training facility with an opportunity to further export mining safety and rescue expertise to the world.</p> <p>It is envisaged the facility will also feature a CQUniversity campus link, with the mining engineering and social innovation course curriculum.</p> <p>Key actions will include.</p> <ul style="list-style-type: none"> RDA MIW to support stakeholders by making funding programs known to proponents and aligning proponents' interests to government agencies 	<p>6011f81d0f7b8726d5b05e69/1611790399867/GW3_Future+Skills+Roadmap+Publication+%5BFinal%5D.pdf</p> <p>See link to Future Employment Study https://static1.squarespace.com/static/5e4ce5c91e5a64752b65c169/t/5f72e20a6c7b762662a5b6fe/1601364627102/Future+Employment+Study-+28+Sept+FINAL.pdf</p> <p>Mine Safety Rescue Centre of Excellence (now called Isaac Resources Excellence Hub.- IREH) RDA GW has supported Isaac Regional council in its advocacy for what was originally a Mine Safety Rescue Centre facility which has now transformed into what is being called the Isaac Resources Excellence Hub. (IREH)</p> <p>The development of the RDA GW regional Development Road Map has identified the IREH as key enabling investment activity within its top 17 regional project initiatives. Isaac regional Council has committed 8.5ha of community land as its capital contribution to bring the project to life and the project is now seeking funding partners to transform the future of the region.</p> <p>In the 2021/22 RDA GW along with other stakeholders such as Greater Whitsunday Alliance, Resource Centre of Excellence and CQ University along with mining players Anglo American and BHP have backed and supported the projects development. This support and investment underpinning initial feasibility, master planning and design considerations for the facility.</p> <p>The proposed hub's scope will explore opportunities to incorporate the following elements:</p> <ul style="list-style-type: none"> The North Bowen Basin mines rescue station and training centre A satellite campus of Central Queensland University (with or without other partnering institutions) An in-mining-region collaborative extension of the Mackay Resources Centre of Excellence A node in the Cooperative Research Centre community A mining visitors' interpretive and cultural heritage centre; and Complementary industry, regulatory and community facilities and activities; and tangible respect for First Nations culture to advance the excellence hub vision. <p>See link to IREH advocacy overview https://www.isaac.qld.gov.au/downloads/file/4970/isaac-federal-advocacy-document-2022</p>	<p>Other regional development outcomes (\$ / number)</p> <p>Other facilitation activities</p>	<p>None to report</p> <p>Additional Projects In addition to the Bowen Marine Industry Precinct, RDA GW has supported Whitsundays Regional Council and Bowen Collinsville Enterprise (BCE) toward its planning and advocacy aligned to upgrade to the Bowen Boat Harbour. First put on the table in 2013 the proposal sought investment to support an upgrade to Bowen Boat Harbour aligned to an upgrade to support private moorings and dedicated new marina berths connected to the mainland and upgraded marina facilities to entice an increase in lease of moorings, berths and create a more vibrant harbour to users.</p> <p>In 2021/22 the development of Bowen Boat Harbour is again on the radar of local stakeholders following the decision by Nth Qld Bulk Ports (NQB) to consider development of the harbour to support tugboat harbourage and maintenance. Where the tugboats support Abbot Point coal loading port facilities and whereby NQB has determined the retirement of the current tugboat mooring site at Port Denison.</p> <p>BCE approached RDA GW to become a working group supporter member to aid BCE and Bowen Community in the development of its planning and engagement /advocacy activity. While RDA GW undertakes no direct advocacy actions it has supported BCE and Bowen Stakeholders via the provision of planning and proposal advice and site and economic support data and analysis.</p>
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<p>Whitsundays Marine Centre of Excellence (otherwise assisted) - Located adjacent to the existing Bowen Marina, the Whitsunday Marine Centre of Excellence will establish a world class marina, shipyard, and educational facility.</p> <p>The Whitsunday Marine Centre of Excellence will provide a major economic boost to the region, creating over 1000 jobs during construction and operation as well as developing the region's marine, tourism and education capabilities to promote future growth.</p> <p>The project aligns with the Queensland Government 2018-2023 Superyacht Strategy to enhance the attraction of the high value superyacht market to the region.</p> <p>Investment of \$120M is required to support development and provide trunk utilities, marine structures and buildings, pontoons, and several lift structures up to 700 tonnes to service a range of vessels from the smallest cruisers up to the largest superyachts.</p> <p>Currently a high-level concept, and with stakeholders across the private sector and all levels of government, this project can impact transformational change for the greater Whitsunday region.</p> <p>Key actions will include.</p> <ul style="list-style-type: none"> RDA MIW to support stakeholders by making funding programs known to proponents and aligning proponents' interests to government agencies 	<p>Whitsundays Marine Centre of Excellence (renamed the Bowen Marine Industry Precinct in late 2021/22)</p> <p>The Bowen Marine Industry Precinct is a planned \$120 million dollar development to support maintenance and repair services for the super yacht industry and tugboat services aligned to Abbott Point. RDA GW continues to support stakeholders in the advocacy of this initiative. See link to advocacy piece https://www.couriermail.com.au/news/queensland/whitsunday/whitsunday-regional-council-to-vote-on-downsized-bowen-marine-centre-of-excellence/news-story/f991ab44274cbd6de100f66929a0c5a5</p>		
<p>Activity 9</p>		<p>Provide details of outcomes</p>	<p>\$ / Number</p>
<p>Sport and Recreational Infrastructure includes sub programs</p> <ul style="list-style-type: none"> Pioneer Valley Mountain Bike Project Whitsunday Mountain Bike Trails Isaac Trail Network <p>Pioneer Valley Mountain Bike Project – (otherwise assisted) – This project will see 27 trails established that will navigate through Australia's longest stretch of lush subtropical rainforest of the Eungella National Park and Crediton State Forest and will provide visitors with over three days of world-class riding experiences.</p> <p>The Pioneer Valley Mountain Bike Trail Project ultimately comprises of a 100km network of single direction mountain bike trail spanning from Eungella to Finch Hatton in the Pioneer Valley, with Stage One delivering the trail head infrastructure and associated Finch Hatton tracks.</p>	<p>RDA GW primary function regarding trail networks has been to ensure the respective local government identify the opportunity to co-market and plan the mountain bike offerings seeking to be provided by each respective trail. Opportunity exists to see all 3 regions benefits from the interest in mountain biking and trail use within a collective regional tour and brand offering.</p> <p>Market analysis associated with mountain and trial offerings and use by visitors showcases a desire from visitors to utilise and frequent a range of trail and tourism offerings whereby mountain biking enthusiasts and general visitors are likely to sample all three trail regions and in doing so spend more time in the region and spend more of their available funds in the region.</p> <p>Pioneer Valley Mountain Bike Project</p>	<p>Investments (\$)</p>	<p>Pioneer Valley Mountain Bike Project</p> <ul style="list-style-type: none"> In total projects will cost \$16.9M – thus far MRC has invested over \$4M. <p>Whitsunday Mountain Bike Trails</p> <ul style="list-style-type: none"> Whitsunday Regional Council has invested \$160K toward completion of a trails concept plan <p>Isaac Trail Network</p> <ul style="list-style-type: none"> Isaac Regional Council and Mackay Isaac Tourism were successful in acquiring grants support of \$180K via Tourism Events Qld to undertake concept development studies and analysis. <p>RDA GW in-kind – aligned to participation in regional working groups, project proposal development, services/</p>

<p>The project when fully operational plans to attract up to 30,000 visitors per annum to the region and in doing so will support several retail, food and hospitality services.</p>	<p>Mackay Regional Council (MRC) is in the design phase of the Pioneer Valley Mountain Bike trails project. RDA GW has supported MRC with letter of support, economic analysis data, and has included the projects as one of the regions top 17 priority projects enablers in the Regional Road Map</p>		<p>contract oversight, strategy development or business plan or feasibility development and advocacy and workshop activity- RDA GW investment of in-kind in supporting the trails programs was 10hrs for the year</p>
<p>Key actions will include.</p> <ul style="list-style-type: none"> RDA MIW to support stakeholders by making funding programs known to proponents and aligning proponents' interests to government agencies 	<p>A feasibility study found a world-class network of mountain bike trails in the Pioneer Valley provides a unique opportunity to grow the tourism economy and deliver a destination product that has extensive economic benefits to Finch Hatton, Eungella and the wider Mackay region.</p>	<p>Jobs (number)</p>	<p>Pioneer Valley Mountain Bike Project</p> <ul style="list-style-type: none"> 110 FTE jobs - 93 direct and 17 indirect Mountain Bike park will generate 38 FTE in construction phase – 33 direct and 5 supply chain consumption roles <p>Whitsunday Mountain Bike Trails</p> <ul style="list-style-type: none"> The completion of the concept plan supports the use of consulting specialists - 200hrs Trail Network job influence is yet to be determined <p>Isaac Trail Network</p> <ul style="list-style-type: none"> The completion of the concept plan will support use of consulting specialists - 200hrs Trail Network job influence is yet to be determined
<p>Whitsunday Mountain Bike Trails (otherwise assisted) - This project will deliver a track upgrade, signage, and a shelter/water station at the Great Walk (Conway Circuit). The Whitsunday Mountain Bike Trails Program aims to deliver nature-based experiences for domestic and international visitors to the region.</p>	<p>When fully operational, the Mountain Bike Park is estimated to generate:</p>	<p>Local procurement (\$)</p>	<p>Consistent with local government procurement policies the contracting of site development and construction will be targeted to local service suppliers.</p>
<p>The Whitsunday Trails project will create 10 FTE jobs during construction and offer 34 ongoing jobs. This project is estimated to attract 13,200 unique visitors per year. Whitsunday Trails links to the Pioneer Valley Mountain Bike Trail and provides a complete regional offering to effectively attract adventure tourists to the Mackay Isaac Whitsunday region</p>	<ul style="list-style-type: none"> an additional 31,000 annual visitors, including 5,000 international riders an additional \$18M annual economic benefit in the Mackay region an additional 110.4 FTE jobs significant construction and ongoing job opportunities improved national and international awareness of Eungella and the Pioneer Valley as a tourism destination an opportunity to capture a market segment of one of the fastest-growing sports in the world. 	<p>Other regional development outcomes (\$ / number)</p>	<p>Pioneer Valley Mountain Bike Project</p> <ul style="list-style-type: none"> It is estimated that 31,000 visitors /riders p.a. will frequent the park generating \$18M p.a. in direct visitor spending and further \$6.6M in aligned consumption spend.
<p>Key actions will include.</p> <ul style="list-style-type: none"> RDA MIW to support stakeholders by making funding programs known to proponents and aligning proponents' interests to government agencies 	<p>The Mountain Bike Park will comprise of a 100km network of single-direction mountain bike trails that caters for all levels of riders and provides visitors with the opportunity to navigate through Australia's longest stretch of lush subtropical rainforest, Eungella National Park to Crediton State Forest. Both Eungella and Finch Hatton will act as key service hubs for the trails and offer starting/finishing points and additional ancillary services, such as accommodation, food and eateries, shuttle services and supporting infrastructure.</p>	<p>Other facilitation activities</p>	
<p>Isaac Trail Network (otherwise assisted) - There is an opportunity to develop a series of trails leading from Mackay and Whitsunday Council areas through to the Isaac region and further onto neighbouring regional councils.</p>	<p>The Mountain Bike Park project includes the construction of the international standard trail network, capable of hosting world-class events, and ancillary infrastructure, such as trailheads, car parking, toilets, and recreation facilities. The Mountain Bike Park project is estimated to cost \$16.9 million. See link to background relating to the Mountain Bike Park https://www.connectingmackay.com.au/mountain-bike-trails</p>	<p>Project status</p>	
<p>The Isaac Trail Network has the potential to connect seamlessly to the Pioneer Valley Mountain Bike Trail Project and provide an</p>	<p>Completed</p> <ul style="list-style-type: none"> Mountain Bike Strategy Feasibility study 		

<p>additional adventure tourism offering in the Mackay Isaac Whitsunday region.</p> <p>Key actions will include.</p> <ul style="list-style-type: none"> RDA MIW to support stakeholders by making funding programs known to proponents and aligning proponents' interests to government agencies 	<ul style="list-style-type: none"> Trailhead and master plan workshops Local area plan, preliminary planning investigations and community consultation Finch Hatton and Eungella Local Area Planning Frameworks Finch Hatton Trailhead Master Plan Concept Finch Hatton Trailhead design Three community update sessions Round 1 & 2 of the small business mentoring program Restoration of the Cattle Creek Mill Administration Building Ground truthing of the trails <p>In progress</p> <ul style="list-style-type: none"> The Development Application (DA) for stage 1 works. The DA was lodged by a consultant on behalf of the project team and will be considered by council and the State Government over the coming months Environmental and cultural heritage assessments Draft major amendment 3 of the Mackay Region Planning Scheme (It is currently under state interest review. Council is seeking changes to the planning scheme to facilitate commercial and other non-residential uses in the townships of Finch Hatton and Eungella to support the mountain bike project) Engagement with stakeholders <p>Next Steps</p> <ul style="list-style-type: none"> Public consultation of the DA Public consultation of major amendment 3 (The public will have the opportunity to lodge a properly made submission on the amendment documentation) Seek approvals from relevant agencies Community update session number 4 (This will occur at the end of the year) In 2023 Construction of stage 1 works (Finch Hatton Trailhead and 16 trails) Construction of the remaining trails <p>Whitsunday Mountain Bike Trails In 2021/22 Whitsundays Regional Council prepared a Whitsunday Trails Concept Plan, proposing several mountain bike trails across the region.</p> <p>Mountain bike trails are growing in popularity around the world, with other tourism destinations in Australia receiving tens of thousands of visitors, and millions of dollars, every year from visiting bike riders.</p>		
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	<p>Mountain bike trails are also a key land-based tourism activity, providing tourists an option for non-water-based activities.</p> <p>Stage 1 of the project includes around 50km of new mountain bike trails located in the Conway National Park near Airlie Beach.</p> <p>The trail concepts for South Molle Island, Bowen, Proserpine and Collinsville will be considered for future stages of the project.</p> <p>See link to Concept Plan https://ehq-production-australia.s3.amazonaws.com/0285979ba9d739bb0f189fc86dd50a772cccb264/original/1610518315/Whitsundays_Trail_Concept_Plan_-_FINAL_-_reduced.pdf_d0f4877113fc2d2833124d0a548791ea?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIA4KKNQAKIOR7VAOP4%2F20221017%2Fap-southeast-2%2Fs3%2Faws4_request&X-Amz-Date=20221017T041947Z&X-Amz-Expires=300&X-Amz-SignedHeaders=host&X-Amz-Signature=e98a77459d53b1f34c7ef759469736b4308b5b20ef9a41cc2c391e0d23aedace</p> <p>Isaac Trail Network Isaac Regional Council has been successful in the acquisition of \$250,000 in funding to support concept planning aligned to both mountain biking and walking trails that are connected in offerings being developed by other local governments</p>		
Activity 10		Provide details of outcomes	\$ / Number
<p>Digital Connectivity Improvement includes sub programs</p> <ul style="list-style-type: none"> Prioritisation of Mobile Black Spot Projects in MIW region <p>Prioritisation of Mobile Black Spot Projects in MIW region (contributed to) - Mackay Isaac Whitsunday has 238 identified mobile blackspots across the region, and 15 of these have received funding over the last five funding rounds through the Mobile Black Spot Program.</p> <p>Mackay Isaac Whitsunday seeks the opportunity to work with RDA MIW and the Department of Transport, Infrastructure, Regional Development and Communications to prioritise regional black spot funding in key supply chain areas such as the Peak Downs Highway and the Bruce Highway.</p>	<p>In 2021/22 RDA GW along with local governments, peak industry bodies and regional economic development bodies formed the Greater Whitsunday Regional Digital Connectivity Forum.</p> <p>The Regional Digital Connectivity Forum (RDCF) has been established after consultation with the Mackay, Isaac and Whitsunday Regional Council's Economic Development and IT teams and stemmed from recommendations contained in the Regional Digital Infrastructure Study 2020 (RDIS). The RDIS confirmed the importance of a unified approach through a regular managed body, ensuring collaborative engagement with targeted decision makers to address key actions that need to be met.</p> <p>The RDCF has been established but not limited to:</p>	<p>Investments (\$)</p>	<p>RDCF - RDA GW \$5K cash toward the \$200K for the Regional Digital Road Map - due for completion in 2023.</p> <p>QCN Fibre - Fixed Wireless Broadband project - \$5.415M</p> <p>Connected Farms - Livingstone Agriculture Precinct - \$1.356M</p> <p>Field Solution Group – Fixed Wireless Broadband - \$1.484M</p> <p>RDA GW in-kind – aligned to participation in regional working groups, project proposal development, services/contract oversight, strategy development or business plan</p>

<p>The Peak Downs Highway is one of the most valuable supply chain routes in Queensland and is estimated to contribute some \$7B of GRP annually, and yet there are 14 identified black spot areas.</p> <p>The northern section of the Bruce Highway services more than 5500 vehicles per day, 24% of which are classified as heavy vehicles.</p> <p>Improvements to mobile coverage and digital connectivity not only has significant supply chain enhancing and safety implications for the region, but also allows other industries in the region to access vital digital infrastructure that enables them in utilising new technology to aid productivity, particularly in the agriculture sector.</p> <p>Key actions will include.</p> <ul style="list-style-type: none"> RDA MIW to support stakeholders by making funding programs known to proponents and aligning proponents' interests to government agencies 	<ul style="list-style-type: none"> Work closely with telecommunications providers, State and Federal government bodies to ensure the best outcomes for digital connectivity in the regions. Articulate partnership opportunities with Telco's to address blackspot solutions and potential for shared infrastructure. Identify collaborative digital infrastructure opportunities that benefit the region and regional priorities for connectivity improvements. Review current planning policies and opportunities to encourage mobile network infrastructure in new development. Accelerate opportunities for value adding digital infrastructure and technology opportunities in key and emerging industry sectors. Inform the development of a Regional Digital Roadmap (or similar named document). <p>The role of members to the RDCF will be to:</p> <ul style="list-style-type: none"> Provide leadership and actively contribute information, advice and decision making to achieve the RDCF objectives and outcomes. Provide relevant expertise that informs the approach, avoids duplication, and best maximises regional opportunities, such as achieving appropriate funding and grants. Promote activities of the RDCF to existing networks. Provide input, review and endorsement of key documentation such as further studies and a Regional Digital Roadmap (or similar named document); Consult with peers regarding best practice as relates to RDCF's goals and objectives. <p>In 2021/22 RDCF has also commenced the development of a regional digital road map – key actions have included.</p> <ul style="list-style-type: none"> Projects proposal development, EOI and overview completed Secured \$200K of funding from private funding Proposal gone to market and short listing and final selection of consultant. Road Map document will be completed in early 2022/23 <p>In 2021/22 the RDCF was able to support and gain funding toward the following funding.</p> <ul style="list-style-type: none"> QCN Fibre - Fixed Wireless Broadband project - The project will deploy a fixed wireless network and corresponding fibre backhaul in the Mackay area, including Finch Hatton, Pinnacle, Gargett, Eungella and the surrounding areas of Marian and Mirani. - \$5.415M 	<p>Jobs (number)</p> <p>Local procurement (\$)</p> <p>Other regional development outcomes (\$ / number)</p> <p>Investments (\$)</p> <p>Other facilitation activities</p>	<p>or feasibility development and advocacy and workshop activity - RDA GW investment into the RDCF in 2021/22 was 30hrs</p> <p>Not Known</p> <p>Not Known</p> <p>Not Known</p> <p>Not Known</p> <p>RDA GW via the RDCF coordinated a regional response to the Regional Telecommunications Review and also took part in the regional briefings with the inquiry committee.</p> <p>A report from the review can be seen via this link https://www.infrastructure.gov.au/department/media/publications/2021-regional-telecommunications-review-step-change-demand</p>
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	<ul style="list-style-type: none"> • Connected Farms - Livingstone Agriculture Precinct – Fixed Wireless Broadband - The project will deploy a fixed wireless network providing broadband coverage to the Livingstone agricultural precinct and neighbouring areas. The network will extend mobile and broadband connectivity and voice over LTE in the area. \$1.356M • Field Solution Group – Fixed Wireless Broadband - The project will deploy a fixed wireless network in the Isaac region. The network will extend highspeed broadband connectivity into areas with limited existing coverage, enabling the uptake of new agricultural and business technologies for local livestock producers, including a new beef processing plant, and improving access to telehealth and education services for residents - \$1.484M <p>In addition to the above RDCF was also able to drive additional collaboration between Nbn Co and local government via Nbn Co \$4.5B upgrade.</p> <p>In addition to the above RDCF was also able to drive additional collaboration between Telstra and local government as well and this has included investment toward additional back up support in mobile services post natural disasters.</p>		
Activity 11		Provide details of outcomes	\$ / Number
<p>SME Business Support includes sub programs</p> <ul style="list-style-type: none"> • SME Business Skills Development • Starting New Business development • Leadership Development Program <p>SME Business Skills Development (Lead /Champion) - RDAMIW supports the provision of business skills in relation to grants, EOI and other application processes. Each year RDA MIW allocates up to \$6,000 of its own funding to utilise the skills of the “Grants Guy” to offer online training program and tutorial support to local SME business seeking improvements in their grants, loans, or projects application processes.</p> <p>Starting New Business development (Lead/ Champion) - RDA MIW supports several programs designed to allow start up SME business to create new products and market their ideas, services and products</p>	<p>SME Business Skills Development In 2021/22 RDA GW provided \$4K of funding support to regional organisations to further grants writing skills and development within SME business. In providing this funding RDA GW in collaboration with other investors was able to support two workshops in the region which targeted in total 40 SME businesses that received workshop support via a grant writing skills consultant (Grants Guy)</p> <p>Starting New Business Development RDA GW contributed of \$1K to Split Spaces Mackay to help it complete and support SME business to undertake its Pitch Perfect and Mac Hack programs. In total 3 SME Start Business undertook Pitch Perfect in 2021/22 and over 20 SME business were involved in the MackHack weekend.</p> <p>Leadership Development Program</p>	<p>Investments (\$)</p>	<p>RDA GW provided the following cash investment</p> <ul style="list-style-type: none"> • SME Business Skills Development - \$4K cash • Starting New Business development - \$1K cash • Leadership Development Program - \$0 • Projects /Infrastructure Register - \$7.6K cash (50:50 RDAGW : GW3) <p>RDA GW in-kind – aligned to participation in regional working groups, project proposal development, services/ contract oversight, strategy development or business plan or feasibility development and advocacy and workshop activity - RDA GW in-kind investment into activity 12 programs was consistent with the following.</p> <ul style="list-style-type: none"> • SME Business Skills Development – 8hrs • Starting New Business development - 4 hrs

<p>to potential clients. RDA MIW provides both direct cash support and CEO Resource in kind to support start-up businesses in the MIW region.</p> <p>Programs supported include.</p> <ul style="list-style-type: none"> Pitch Perfect - A quarterly event for established innovators and emerging entrepreneurs to pitch their products and/or services to and gain valuable feedback from the audience and potential customers. The programs support and grows our local innovation ecosystem. Programs comprise of a mix of established innovators, seasoned founders and those starting on their entrepreneurial journey, pitching to a live audience to improve their pitch skills and gain confidence to talk about their innovative ideas. Some of new business owners may be using this opportunity to improve their pitch for investment, for new customers and others to gain feedback to improve their product market fit. MackHack - Throughout a weekend, people will turn ideas into reality, prototypes into production and connect with likeminded people, industry experts and mentors. This 4IR focused event including workshops on AI, Robotics, XR (VR, AR, MR) technologies will bring together thinkers, makers, doers, creatives, innovators and entrepreneurs, designers, engineers, and programmers to solve your internal business challenges, or bigger industry challenges. Those attending are supported through the weekend by industry experts and professional mentors to evolve your thinking to incorporate new technologies into everyday business practice and put this new mindset to transforming the mining and METS sectors. The Split Spaces Founders Program is a 7-week course for start-up founders who are early in their start-up journey, including those who currently have a day job and want to make the transition from <i>employee</i> to <i>start-up founder</i> or for persons wanting to explore the world of entrepreneurship. The Split Spaces Founders Program is a combination of online learning, weekly group sessions and one-on-one mentoring. The practical online course show people how to start a high-growth start-up and maximise its chances of success. It teaches core start-up skills to aspiring start-up founders in a flexible self-paced format, with participants gaining access to video-based lessons from some of Australia's leading start-up experts. The Founders Course is for early-stage start-up founders 	<p>RDA GW applied for funding made available via a range of federal and state funding programs including the likes of Building Better Regions Fund (BBRF) and Building Resilient Regional Leaders program.</p> <p>Unfortunately, our leaderships program applications were both not successful.</p> <p>However, armed with the information and planning and commitment from local stakeholders RDA GW did redevelop these applications into a targeted Women in Leadership Development Program that it pitched to private grant programs in the region in the latter part of 2021/22.</p> <p>Following further development of the Women in leadership Development Program, RDA GW was able to secure funding support via the BHP Local Buying Foundation Fund for delivery of a pilot projects in 2022/23. Application was submitted in Jun 2022.</p> <p>Delivery of the Women in Leadership Development Program will be reported in 2022/23.</p>		<ul style="list-style-type: none"> Leadership Development Program – combined total of 300hrs spread across CEO/DRD (70hrs) and Project office (230hrs) roles.
		Jobs (number)	Funding provided by RDA GW via the SME Business Skills Development and Starting New Business development Project supports staff operations and programs within the regional industry organisations such as Mackay Isaac Tourism, Split Spaces, Greater Whitsundays Alliance
		Local procurement (\$)	All investment provided is used to support local service providers and services provided by local representative bodies
		Other regional development outcomes (\$ / number)	
		Investments (\$)	
		Other facilitation activities	<p>Regional Project Development Register</p> <p>RDA GW co-funds the development of regional projects and infrastructure register. The register is collaboration activity with Core Logic, Greater Whitsunday Alliance, and RDA GW. The register supports the development and provision to the public of a list of infrastructure projects either being considered, in development, under construction or recently completed in the Greater Whitsundays region</p> <p>The Regional Projects Development Register is organised into four key categories:</p> <ul style="list-style-type: none"> Infrastructure: permanent pieces of public infrastructure such as roads, rails and ports Mining: mining projects including construction and supply of associated services Construction: construction of commercial and residential projects Utilities: water, waste, and energy projects <p>The Regional Project Development Register provides a quick information overview of projects in the region</p>

<p>with global ambitions, and anyone with an idea for a start-up with high growth potential.</p> <p>Leadership Development Program (Lead/ Champion) - We need to better prepare our region's businesses, its people, and the community for success. In today's fast changing world of business and commerce, every day we must continually change, innovate, and rethink our fundamental approaches to learning and interaction. Today's leaders are facing challenges their forebears never had. Not only are they confronted with ongoing economic uncertainty and geo-political instability, but they must also navigate an increasingly complex global marketplace with a growing millennial workforce that demands a whole new style of leadership. It's a whole brave new world for today's leaders, which is why there's no time to waste developing tomorrows. As organizations have grown flatter and middle management thinner, the decision-making has been pushed down. Drawing out and developing the leadership skills of those who would have otherwise not been given leadership responsibility has become the new mission critical.</p> <p>The Leadership program is comprised of 2 sub-programs/offerings</p> <ul style="list-style-type: none"> • Program 1, maximum four year per participant experiential learning program for the region's future leaders. • Program 2, maximum one year per participant experiential learning program for the region's future leaders. <p>Regional Development Australia MIW is looking to partner with major stakeholders in our region to provide a leadership program that will produce inspired and well-connected visionaries who will lead our region into the future. The four-year program provides business leaders as mentors and includes master classes, adaptive leadership coaching in leading teams, emotional intelligence, individual coaching, and site visits to regional businesses.</p> <p>Participants at the completion of the program 1 are awarded a Master of Business Administration (Leadership) qualification at the Central Queensland School of Business and Law subject to passing respective units and the final capstone unit.</p> <p>Participants at the completion of the program 2 are awarded an associate diploma Business Administration (Leadership) qualification at the Central Queensland Tafe subject to passing respective units and the final capstone unit.</p>		<p>See Link to register list https://static1.squarespace.com/static/5e4ce5c91e5a64752b65c169/t/61b92fc414a426064fe1e06f/1639526343048/Greater+Whitsunday+Projects+Development+Register+2021.pdf</p> <p>Designated Area Migration Agreement (DAMA) RDA GW was asked to commence preliminary information provision and planning toward assessment of suitability and interest amongst stakeholders toward a DAMA for the Greater Whitsundays region in the latter part of the 2021/22 financial year. In response to this RDA GW completed.</p> <ul style="list-style-type: none"> • A background information document document, initial business case toward DAMA establishment in the region. • Established a GW DAMA working group of stakeholders. • In early 2022/23 completed a DAMA information workshops with stakeholders. • Further development is being canvassed for FY 2022/23.
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<p>The focus is toward staff within regional businesses that aspire to be workplace and/or community leaders and have the support of their workplace.</p> <p>The Leadership Development Program can benefit local organisations by</p> <ul style="list-style-type: none"> • Recognition of your organisation's commitment to developing visionary leaders for the region. • More informed, strategically aligned, and connected employees. • Engagement with local businesses, community organisations and regional development stakeholders. • Providing an opportunity for local CEO to address and even mentor participants during the program. 			
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OUTCOME 2	Promote greater regional awareness of and engagement with Australian Government policies, grant programs and research.
PERFORMANCE INDICATORS	<p>a. Provide details of where you have supported awareness raising and/or engagement</p> <p>b. Number of submissions supported.</p>
SECTION 1 – FOR THE ANNUAL BUSINESS PLAN	
SECTION 2 – FOR THE ANNUAL REPORT ON OUTCOMES	
What will we do?	What did we do?
MIW Economic Development Network - Quarterly Meetings of MIW ED Network – group is co-chaired by DSDILGP and RDA MIW. Network provides opportunity to outline and table Australian government policies, grants, and programs to the regional economic development network - each party involved in this network within the MIW region has access to many stakeholders and business in the MIW region.	Meetings were completed quarterly and provide an ability for all regional economic development organisation and staff to keep each other updated and informed on key activity. RDA GW co funds the meetings where funding supports light refreshments.
MIW Trade and Investment Network - Quarterly Meetings of MIW TI Network – group is co-chaired by TIQ and RDA MIW. Network provides opportunity to outline and table Australian government policies, grants, and programs to the regional economic development network - each party involved in this network within the MIW region has access to many stakeholders and business in the MIW region.	Meetings were completed quarterly and provide an ability for all regional trade and investment organisation and staff to keep each other updated and informed on key activity. RDA GW co funds the meetings where funding supports light refreshments.
DSD/ RDA Nth Qld Network - Quarterly Meeting of DSDILGP and RDA in Nth Qld - updates and policy and programs information exchange - this intelligence is provided to the department and minister within monthly reports. Network provides opportunity to outline and table Australian government policies, grants, and programs to the regional economic development network - each party involved in this network within the MIW region has access to many stakeholders and business in the MIW region.	Meetings were completed quarterly and provide an ability for all nth Qld RDA and DSD ILG & P directors to update each other on activities.
NRDAA Network - Quarterly Meetings of NRDAA and biannual face to face meetings – policy and Nth Aus programs support is the focus - CEO and Chair jointly involved	Meetings were completed quarterly, and RDA GW has actively supported the NRDAA – as with other NRDAA members RDA GW provides an annual membership fee to RDA Tropical North to support its secretary functions.
Stakeholder Meetings - CEO meetings every 2 months with broader range of MIW stakeholders - outlining investment programs, services and understanding community and sector aspirations - involves up to 10 sector groups in Whitsundays, 5 in Isaac and 15 in Mackay - most often face to face meetings and with regional travel – intelligence from these meetings and discussions is then provided within submissions to government and stakeholders	CEO has successfully completed all interaction and stakeholders' meetings within the region and has been a regular attendee to all departmental workshops and information events and workshops
Membership to regional sector peak bodies and attendance at member meetings - RDA has membership to almost 20 sector and community groups in MIW region – RDA MIW via CEO has connection to these groups via the membership and via attendance to member meetings – usually bimonthly or quarterly attendance.	RDA GW maintain annual membership to a range of sector and community groups – membership provision is less than 200 per entity and group in the main and provides a mechanism for RDA GW to receive monthly updates and ability to attend memberships meetings and update small in
MIW Regional Economic Development Forum – In development and joint initiative with state and local government - proposed delivery in Nov 2021 -Showcase to regional stakeholders' regional infrastructure and investment activity and promote government programs and investment bodies and funding availability	RDA GW regional Development Four was delayed to first week in Jul 2022 – as such its will be reported in the FY 2022/23 annual Outcomes report
Canberra and Brisbane Regional Display Events - In development and joint initiative with local government and regional economic development entities and peak bodies- Collaborations to showcase regional aspirations and projects and drive for investment toward infrastructure and business and individual capacity development.	RDA GW supported respective Canberra and Brisbane delegation of regional stakeholders to visit and speak with key ministers and advisory staff. RDA Gw role is often aligned to teeing up initial contacts and introductions and working with local MPs to help plan for regional delegations.
RDA MIW will in 2021/22 upgrade its website and social media platforms - the design to upgrade this connection platforms is aligned to creating new communication and engagement products and actions to better convey to stakeholders' greater regional awareness of and engagement with Australian Government policies, grant programs and research.	RDA GW successfully upgraded is website and social media platforms - the upgraded media platforms have supported a 5-fold increase in utilisation of RDA website and social media over the past 12mths as compared to previous 12-month period

OUTCOME 3	Contribute to Commonwealth regional policy making by providing intelligence and evidence-based advice to the Australian Government on regional development issues.	
PERFORMANCE INDICATORS	a. Outline instances where you have provided intelligence and evidence-based advice to the Australian Government b. Number of instances information / feedback was provided.	
SECTION 1 – FOR THE ANNUAL BUSINESS PLAN		SECTION 2 – FOR THE ANNUAL REPORT ON OUTCOMES
What will we do?		What did we do?
Monthly COVID-19 Reporting - Completion of monthly report to DITRDC and Ministers Office - CEO Completes Bimonthly Reports		RDA GW was a regular attendee and provider of reports toward the monthly COVID reporting process
Bimonthly RDA Reports - GWCOM, Federal MP's, Agencies. Submissions/Surveys - Senate and Agency		RDA GW continued in 2021/22 to provide regular updates to MP's, Agencies and other staff via reports and verbal updates
RDA MIW Committee and Executive CEO Completes submissions, survey, and reports on as required basis. Reports for Committee and Executive completed each month.		<p>RDA GW completed numerous submissions aligned to range of economic development and investment enquiries linked to the federal government in 2021/22 these included.</p> <ul style="list-style-type: none"> • Regional Telecommunication Review • Importance of a viable, safe, sustainable, and efficient road transport industry • Nation Water Reform 2020 • Skills and Workforce Development • Vulnerable Supply Chains • Zone Tax Offset • Skills and Workforce Summit • Housing Summit <p>RDA GW Committee meets every two months with accompanying committee papers, minutes , actions, and risk assessment.</p> <p>The RDA GW Executive Committee (Chair, Deputy Chair, Treasure, Secretary) meets monthly to overview finances, government, and risk matters.</p> <p>RDA GW Committee holds regional stakeholder meet and greet session across the region three times per annum.</p> <p>RDA GW committee annually completes its AGM (November of each year) and completes detailed regional projects update days and tour that is linked to Regional Road Map enabling priority projects.</p> <p>RDA GW CEO and Chair meet every two weeks</p>

8.0 RDAMIW FY 2021/22 BUDGET and FINANCES FORECAST

RDA name	Regional Development Australia - Mackay Isaac Whitsunday
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	RDA program funding (incl. all \$ in FA and schedules)	
	Budget 1 July 2021 – 30 June 2022	Actual to 30 June 2022
GST exclusive amounts		
Income		
<i>Surplus funding carried forward from previous financial years (2012-2021) and used in 2021/22</i>	\$75,000	\$81,956
Funding for this period	\$330,637	\$332,637
Interest on Commonwealth funds	\$1,080	\$573
Supplementary funding (DITRDC - Regional Strategy)	\$15,000	This funding was invoiced in 2020/21 FY
Regional Strategy - Third Party Investment	\$45,000	\$49,500
Project Register - Third Party Investment	\$3,800	\$3,455
Leadership Project – Third Party Grant	\$100,000	\$10,000
Total RDA GW program income (A) (excluding use of reserves funds)	\$495,517	\$396,165
Total RDA GW Income (less depreciation)	\$570,517	\$476,569
Expenditure - major budget items ^		

Employee salaries	\$154,568	\$155,188
Employee entitlements	\$15,251	\$15,364
Training and Recruitment	\$1,000	\$0
Consulting – (Projects, Admin, Marketing and Communications)	\$66,540	\$42,897
Office lease and outgoings	\$12,000	\$16,021
Vehicle costs	\$20,400	\$17,533
Operational (Gen Opex, Telephone /IT, Membership/Licenses)	\$17,900	\$26,123
Financial, legal, and professional	\$8,000	\$7,751
Marketing, Promo's, Events, Workshops, Forums	\$7,500	\$20,631
Committee costs	\$2,500	\$4,525
Travel and Accommodation	\$10,200	\$1,342
FBT	\$4,000	\$4,512
Sub Total - Core Expenditure	\$319,859	\$318,455
Projects		
Regional Strategy	\$110,000	\$118,586
Agribusiness Futures Project	\$16,000	\$15,000
METS Export Hub Project	\$5,000	\$1,618
Infrastructure Register Project	\$7,600	\$6,910
Small Business / Starts Up Project	\$3,000	\$1,000
Leadership Project	\$100,000	\$0
TBA	\$3,000	\$0

Water and Energy Plans	\$0	\$15,000
Sub Total – Projects Expenditure	\$244,600	\$158,114
Total RDA program funding expenditure (B)	\$564,459	\$476,569
Surplus / Deficit of RDA program funding (A-B)	\$6,058	\$0
If surplus, percentage of RDA program funding unspent = (2)/(1)*100 (See Note 1, below)		0 %

^ The department recognises that there may be no allocation against some items, as the Committee may pay for these utilising funding from other sources.

Note 1: The Management of Funding clause of the funding agreement (clause 6) requires that an RDA Committee must write to the department if more than 20% of the funding for the financial year was unspent at the end of that financial year and the RDA Committee wishes to treat that unspent amount as funding for the following year. This refers to RDA program funding to support the Committee to achieve the outcomes as opposed to project, state/territory, or other funding. Please identify the estimated unspent RDA program funding as a percentage of the year's total RDA program funding. Please note that any surplus funding that was carried forward from the previous financial year is not to be included in this calculation. The actual carry-forward is to be confirmed in the Annual Audited Accounts. The RDA Better Practice Guide provides advice on the process for approval of carry-forwards greater than 20%.

9.0 RISK MANAGEMENT PLAN (CORPORATE AND WORKPLACE HEALTH AND SAFETY)

Corporate Risk Register

The Risk – what is it and how it will happen	Likelihood (a)	Consequence or Impact Rating (b)	Gross Risk Rating (a*b)	Strategy to mitigate risk	Net Risk Rating (Gross Risk minus Mitigation)	Timeframe to implement mitigation strategy	Residual Risk Rating, taking account of mitigation strategy	Monitoring Process	Responsibility
Corporate Governance									
Breach of Incorporated Association Act or Funding Agreement	3	4	12	<ul style="list-style-type: none"> CEO to ensure committee is aware of obligation and keep them abreast of any changes to overarching rules Utilise support of Inc Association governance adviser 	2 * 4 = 8	Ongoing	Low	<ul style="list-style-type: none"> Biannual review of Inc Assoc Act 	Secretary and CEO
Change in Government/ Policy position	3	4	12	<ul style="list-style-type: none"> Maintain relations with governments and agencies including seeking feedback in advance of service agreement renewals Gain bipartisan support for RDA value and regional support Map and understand government policy 	3* 3 = 9	Ongoing	Low	<ul style="list-style-type: none"> Keep abreast of government policy via member and agency engagement. 	CEO and Chair
Conflict of Interest	4	3	12	<ul style="list-style-type: none"> Ensure committee is aware of obligation under RDA guidelines. Ensure Committee declares COI at meetings and makes 	2 * 3 = 6	Ongoing	Low	<ul style="list-style-type: none"> Annual review of RDA guidelines. COI on Committee Agenda 	Chair and CEO

				<ul style="list-style-type: none"> chair aware of any potential conflicts. Committee Induction process in place 					
Cessation of funding	2	5	10	<ul style="list-style-type: none"> Communicate effectively with government / agencies regarding RDA value 	2 * 5 = 10	Ongoing	Medium	<ul style="list-style-type: none"> Maintain dialogue with government, stakeholders, and community. 	Chair and CEO
Lack of community support and understanding of RDA role and value add	3	3	9	<ul style="list-style-type: none"> Maximise communication and service support from RDA to stakeholders. 	2 * 4 = 8	Ongoing	Low	<ul style="list-style-type: none"> Maintain dialogue with government, stakeholders, and community. 	Committee and CEO
Poor governance caused by unfit for purpose governing body	2	5	10	<ul style="list-style-type: none"> Agreed skills framework and role descriptors. Biannual or as required skills matrix assessment Committee and staff inductions Annual performance reviews Codes of conduct and conflict of interest policy 	2 * 4 = 8	Ongoing	Low	<ul style="list-style-type: none"> Annual review of governance actions by Committee 	Chair, Secretary and CEO
Human Resources									
Injury in Workplace	3	5	15	<ul style="list-style-type: none"> Workplace Health and Safety Strategy and Plan 	2 * 4 = 8	Ongoing	Low	<ul style="list-style-type: none"> Monthly and annual incident reporting Review process and procedures 	<ul style="list-style-type: none"> CEO and Committee
Failure to attract, manage develop and retain staff	4	4	16	<ul style="list-style-type: none"> Maintain open and regular communications between committee and staff 	3 * 4 = 12	Ongoing	Medium	<ul style="list-style-type: none"> Annual staff Performance and Support Plan 	<ul style="list-style-type: none"> Committee and Chair and CEO

				<ul style="list-style-type: none"> • Address issues as they arise • Annual pay and benefits review • Invest in staff development • Conduct exit interviews 					
Bullying Harassment	2	5	10	<ul style="list-style-type: none"> • Implement code of conduct policy and procedures 	2 * 4 = 8	Ongoing	Low	<ul style="list-style-type: none"> • Annual review code of conduct and operations 	<ul style="list-style-type: none"> • CEO
Staff competencies not matching needs – resulting in underperformance of RDAMIW	3	4	12	<ul style="list-style-type: none"> • Clear Job Description, objectives, and appraisal processes. • Clear delegations of Authority. • Invest in staff development 	2 * 3 = 6	Ongoing	Low	<ul style="list-style-type: none"> • Review and update delegations annually. • Bi annual skills matrix assessments • Training and development program 	<ul style="list-style-type: none"> • CEO
Employment dispute	2	5	10	<ul style="list-style-type: none"> • Retain HR adviser (when required) • Implement Staff handbook and policies 	1 * 5 = 5	Ongoing	Low	<ul style="list-style-type: none"> • Annual staff performance check in 	<ul style="list-style-type: none"> • Chair and CEO
Finance									
Loss of Records	3	3	9	<ul style="list-style-type: none"> • Ensure key records are backed up – cloud and NAS 	2 * 3 = 6	Ongoing	Low	<ul style="list-style-type: none"> • Ensure back up process are effective 	<ul style="list-style-type: none"> • CEO and Executive sub Committee
Loss via Employee or Committee Fraud	2	5	10	<ul style="list-style-type: none"> • Implement dual control on electronic banking platform • Implement delegation of Authority • Monthly financial report to committee 	2 * 3 = 6	Ongoing	Low	<ul style="list-style-type: none"> • Annual review of delegations and process 	<ul style="list-style-type: none"> • CEO and Executive Committee
Inappropriate Expenditure	3	4	12	<ul style="list-style-type: none"> • Implement dual control on electronic banking platform • Implement delegation of Authority 	2 * 4 = 8	Ongoing	Low	<ul style="list-style-type: none"> • Annual review of delegations and process 	<ul style="list-style-type: none"> • CEO and Executive Committee

				<ul style="list-style-type: none"> Monthly financial report to committee 					
Non-compliance with ATO	3	4	12	<ul style="list-style-type: none"> Monthly financial reporting for committee oversight Monthly executive meetings Maintain annual audit of accounts and operations Review with accountant ATO requirements 	2 * 4 = 8	Ongoing	Low	Annual review of delegations and process	CEO and Executive Committee
Lack for funds	2	5	10	<ul style="list-style-type: none"> CEO, treasurer, and committee to review finances monthly Set forecast budget and adapt as required. 	2 * 4 = 8	Ongoing	Low	Annual review of delegations and process	CEO and Executive Committee
Operational									
Reputational damage due to loss of credibility due to poor RDA operations	2	5	10	<ul style="list-style-type: none"> Development of annual operational plan /budget plan – supported by the committee 	2* 3 = 6	Ongoing	Low	<ul style="list-style-type: none"> Annual review of activity against Operational Plan 	CEO and Committee
IT systems failure	3	5	15	<ul style="list-style-type: none"> Regular replacement and upgrading of IT hardware and software Run check-up of systems weekly. 	2* 5 = 10	Ongoing	Low	<ul style="list-style-type: none"> Annual Review of IT support arrangements 	CEO
IT systems hack	3	4	12	<ul style="list-style-type: none"> Contract IT service support provider Ensure malware/virus protection systems are in place 	2 * 4 = 8	Ongoing	Low	<ul style="list-style-type: none"> Annual Review of IT support arrangements 	CEO

				<ul style="list-style-type: none"> • Ensure passwords are strong 					
Strategic									
Loss of stakeholder value proposition for RDAMIW	2	5	10	<ul style="list-style-type: none"> • Maintain positive dialogue and engagement with stakeholders 	2 * 4 = 8	Ongoing	Low	<ul style="list-style-type: none"> • Annual communications plan • Deliver against business plan • Maintain positive relationships 	CEO and Committee
Loss of government confidence in RDAMIW arrangements	3	4	12	<ul style="list-style-type: none"> • Maintain positive dialogue and engagement with government and agencies • Deliver on annual operational plan 	2 * 4 = 8	Ongoing	Low	<ul style="list-style-type: none"> • Report on achievement annually • Maintain positive relationships with all stakeholders • Establish Committee Portfolios. 	CEO and Committee
External Statements about RDAMIW resulting in material damage to RDA MIW reputation and loss of credibility	2	5	10	<ul style="list-style-type: none"> • Credible complaints handling procedure • Crisis management plan 	2 * 3 = 6	Ongoing	Low	<ul style="list-style-type: none"> • 	CEO and Committee
Natural disaster Impact of operations. e.g., cyclone loss of office functions	3	4	12	<ul style="list-style-type: none"> • Natural disaster contingency and response plan • Crisis management plan • Business continuity plan • Maintain/enhance mobile work capacity – cloud and hardware 	3 * 3 = 9	Ongoing	Low	<ul style="list-style-type: none"> • Review crisis and business continuity plans • Enhance mobile / remote /functionality 	CEO and Committee

Workplace Health and Safety

The Risk – what is it and how it will happen	Likelihood (a)	Consequence or Impact Rating (b)	Gross Risk Rating (a*b)	Strategy to mitigate risk	Net Risk Rating (Gross Risk minus Mitigation)	Timeframe to implement mitigation strategy	Residual Risk Rating, taking account of mitigation strategy	Monitoring Process	Responsibility
Motor Vehicle Travel									
Fatigue	2	5	10	<ul style="list-style-type: none"> Travel largely in works hours and daylight hours. Stay overnight Take 15-minute breaks every 2 hrs 	1 * 3 = 3	Ongoing	Low	<ul style="list-style-type: none"> Fatigue policy in place WPH & S incident report logged 	CEO
Accident	2	4	8	<ul style="list-style-type: none"> Drive within the road rules and adapt driving to weather and road conditions Ensure vehicle is road worthy and operating at highest level. Ensure vehicle used by RDAMIW is fit for purpose Ensure vehicle is insured Ensure RACQ roadside assists is in place Emergency App on mobile phone Additional battery backup for mobile Develop a timeline process /procedure/check in process for travel 	1 * 3 = 3	Ongoing	Low	<ul style="list-style-type: none"> Monitor vehicle condition RACQ membership is in place 3-year vehicle lease arrangements Fit for purpose vehicle WPH & S incident report logged 	CEO
Break down	2	5	10	<ul style="list-style-type: none"> Regular service of vehicle 	1 * 5 = 5	Ongoing	Low	<ul style="list-style-type: none"> Monitor vehicle condition RACQ membership is in place 	CEO

				<ul style="list-style-type: none"> • Vehicle replacement policy every 3 years • Weekly vehicle inspection checks • Develop a timeline process /procedure/check in process for travel • Ensure RACQ roadside assists is in place • Secure personal emergency EPIRB for vehicle. • Emergency App on mobile phone • Additional battery backup for mobile 				<ul style="list-style-type: none"> • 3-year vehicle lease arrangements • Vehicle is fit for purpose • WPH & S incident report logged 	
Office Work									
Ergonomic	2	4	8	<ul style="list-style-type: none"> • Use appropriate equipment 	1 * 4 = 4	Ongoing	Low	<ul style="list-style-type: none"> • Review annual ergonomic Best practice guidelines and implement recommendations • WPH & S incident report logged 	CEO
PPE in place	2	4	8	<ul style="list-style-type: none"> • Ensure PPE is consistent with job risk assessments 	1 * 4 = 4	Ongoing	Low	<ul style="list-style-type: none"> • Annual review of PPE requirements • WPH & S incident report logged 	CEO
Trips and Falls	2	4	8	<ul style="list-style-type: none"> • Job safety assessment in workplace completed Monthly 	1 * 4 = 4	Ongoing	Low	<ul style="list-style-type: none"> • Annual assessment of office work needs. • WPH & S incident report logged 	CEO
Electrical	2	4	8	<ul style="list-style-type: none"> • Test and Tag in place 	1 * 4 = 4	Ongoing	Low	<ul style="list-style-type: none"> • Test and Tag • WPH & S incident report logged 	CEO
Off Site Work									

Accident	2	4	8	<ul style="list-style-type: none"> • Job site safety assessment completed (as required) • Assessment of site medical treatment access capability assessed. 	1 * 4 = 4	Ongoing	Low	<ul style="list-style-type: none"> • WPH & S incident report logged 	CEO
Trips and Falls	2	4	8	<ul style="list-style-type: none"> • Job site safety assessment completed (as required) • Assessment of site medical treatment access capability assessed. 	1 * 4 = 4	Ongoing	Low	<ul style="list-style-type: none"> • WPH & S incident report logged. 	CEO
Third Party Confrontation	2	4	8	<ul style="list-style-type: none"> • Assessment of potential confrontation risks assessed for RDAMIW and other parties under RDA coordination 	1 * 4 = 4	Ongoing	Low	<ul style="list-style-type: none"> • Code of Conduct Guide for staff. • WPH & S incident report logged 	CEO

10.0 COMMUNICATIONS PLAN

A communications strategy has been developed by RDA MIW to ensure our region and its community is aware of the regions development, growth trade and investment opportunities and aspirations, understands regional policy, strategies, and planning and to inform regional stakeholders of our and regions activities.

RDAMIW seeks to continue to utilise website, and social media platforms to updates and engage with stakeholders and will also continue to produce a bimonthly newsletter in addition to use of traditional media (TV, radio and print) to communicate the regions messages regarding sustainable development, growth, trade and investment.

It is RDAMIW intention to use the following communications media and activity to keep our regional stakeholders informed.

- Web Site
 - Updated new website to be live by 1st September 2021 - new website will be more interactive and have updated information pertaining to all stakeholder actions focused on regional development.
 - RDA Greater Whitsundays Promotion video - the video is part of Central Qld University Digital Marketing third year undergraduate program and will see students develop an economic promotional video for RDA GW to be used on our website and for regional promotions.

- Social media
 - Updated Social media platform and inclusion of Linked In as new platform to communicate RDA GW and regional development activity.

- RDAMIW Committee
 - Monthly CEO Report – including update on activities, projects, financials and engagement and interactions with stakeholders.
 - Bi-monthly meetings of the RDAMIW Committee - overview of RDAMIW policy, strategy and higher order project objectives and includes provision and access to stakeholders’ networks.
 - Monthly meetings of the RDAMIW Executive subcommittee – reviews key governance, financials, and administration operations to support CEO.
 - RDAMIW Committee holds 3 meet and greet nights with regional stakeholders per annum (Mackay, Moranbah, Airlie Beach or Bowen) - this action allows stakeholder to raise issues and opportunities with the committee.

- Greater Whitsunday Council of Mayors

- Bi-monthly update in written format and attendance at bi-monthly meetings to provide summary of activity and response to questions.
- Government and Opposition
 - Quarterly meetings with each state and commonwealth MP in MIW region plus meetings with local Mayors and key councillors.
- Department of Infrastructure, Regional Development and Cities
 - E Newsletter – collated and provide on quarterly basis.
 - Provision of bimonthly overview (written report) outlining key activities.
- MIW Economic Development and Trade and Investment Network
 - Coordinated quarterly half day meetings of regional networks – co chaired by RDAMIW - supports sharing and development of collaborative projects and opportunities.
- Working Groups and Advisory Committee
 - As of 1st July 2019 RDAMIW, CEO currently in involved in over 15 regional and sub regional working groups and advisory committees focused at development, trade and investment growth. RDAMIW role on these groups is either as lead, co-lead or support but in all cases supports RDAMIW working in collaboration to support regional development and associated growth in prosperity, jobs and regional cohesion. Currently RDA MIW involvement on the support groups spans across -
 - Mining/METS
 - Agribusiness
 - Tourism
 - Bio-Futures
 - Environment/Natural Resources Management
 - Sport, and Recreation
 - Education
 - Jobs/Employment and Skills
 - Infrastructure Planning and Development (energy, water, transport, technology and digital, safety & resilience and environment)
 - Construction and Manufacturing
- Broader Stakeholder Engagement

- RDAMIW has taken on membership to numerous economic development and trade and investment regional bodies - the purpose of this membership is to support continued and enhanced engagement with these entities. Entities include.
 - Respective Chamber of Commerce Groups (4 in total)
 - Urban Development Institute of Australia (MIW region)
 - Respective Tourism RTO and sub tourism groups (3 in total)
 - Greater Whitsunday Food Network
 - Reef Catchments and Reef Partnership
 - Resource Industry Network
 - Central Regional Sugar Group
 - Bowen Collinsville Enterprise and Greater Whitsunday Alliance (region and subregional local government economic development bodies)
 - Mackay Innovation Centre and Split Spaces Mackay

- RDA GW has developed a biweekly column in the local Mackay and Whitsundays newspaper – the regular column which commenced 1 August 2021 will allow RDA GW to feature articles and information relating to regional economic development activity while also updating the community on federal programs and initiatives.

11.0 GLOSSARY

ARC: Australian Research Council

BCE: Bowen Collinsville Enterprise

CQU: Central Queensland University

CSQ: Construction Skills Queensland

CMTCC: Critical Minerals Testing and Commercialisation Centre

CSIRO: Commonwealth Scientific and Industrial Research Organisation

DESBT: Department of Employment, Small Business and Training

DITRDC: Department of Infrastructure, Transport, Regional Development and Communications

DSDILGP: The Department of State Development, Infrastructure, Local Government and Planning

DTMR: Department of Transport and Main Roads

GW3: Greater Whitsunday Alliance

GWC: Greater Whitsunday Communities

GWCOM: Greater Whitsunday Council of Mayors

GWBFPP: Greater Whitsunday Bio-Futures Precinct

GWTN: Greater Whitsunday Trail Network

ITN: Isaac Trail Network

IRC: Isaac Regional Council

IREH: Isaac Resources Excellence Hub

METS: Mining and Manufacturing Engineering Technology Services

MMBT: Mackay Mountain Bike Trail

MRC: Mackay Regional Council

MSSP: Mackay South Sports Precinct

NQBP: North Queensland Bulk Ports Corporation

PVMBT: Pioneer Valley Mountain Bike Trail

QDAF: Department of Agriculture and Fisheries

RCOE: Resources Centre of Excellence

RDA GW: Regional Development Australia - Greater Whitsundays

RLMD: Rugby League Mackay and District

SMIMRC: Sustainable Minerals Institute's Mineral Research Centre

TIQ: Trade and Investment Queensland

UQ: University of Queensland

VET: Vocational Education and Training

VMBT: Whitsunday Mountain Bike Trail

12 CASE STUDY

GREATER WHITSUNDAY

Regional Development Roadmap



Australian Government



Regional Development Australia acknowledges the Australian Aboriginal and Torres Strait Islander peoples of this nation. We acknowledge the traditional custodians of the lands on which companies in our footprint are located and where they/we conduct our/their business. We pay our respects to ancestors and Elder, past and present. RDA is committed to honouring Australian Aboriginal and Torres Strait Islander peoples' unique culture and spiritual relationships to the land, waters and seas and their rich contribution to society.

RDA acknowledge the traditional custodians of the land wherever we gather today, tomorrow, and onwards. RDA pay our respects to the Elders past and present, for they hold the memories, the traditions, the culture and hopes of Aboriginal and Torres Strait Islander peoples across the nation.

RDA acknowledge and respect their continuing culture and the contribution they make to the life of this city and this region. We recognise and respect their cultural heritage, beliefs, and relationship with the lands, which continue to be important to all Aboriginal and Torres Strait people living today.

The RDA GW would like to thank the following working group members who have helped direct and prepare the Roadmap - Pierre Viljoen, Jeff Stewart-Harris, Rod Ferguson, Michael Thompson, Neil McGaffin, Karen May, Nikki Wright, Adrienne Burke, David McKendry and Kylie Porter.



A Collaborative Regional Development Roadmap and Shared Vision for the Greater Whitsunday Region.

The Greater Whitsunday region hosts some of the world's most stunning landscapes and is home to vibrant industries and resilient communities. Ensuring the region is in the best possible position to build on its existing assets and be ready to drive regional development is essential. This Roadmap provides the basis for developing this readiness and prioritising the key economic and social enablers.

The region has had a strong track record of economic performance driven by the resources, agriculture and tourism industries and has tended to weather economic and natural shocks and cycles extremely well.

This resilience is in fact one of the strongest qualities of the region and explains the attraction for government and industry investment. Typically, the return on investment for a dollar invested yields multiple dollar returns.



In short, Greater Whitsunday provides a secure and prosperous economic investment prospect.

But the region is not without its challenges. This Roadmap has been developed to position the region smartly for future growth that will improve economic prosperity and community wellbeing over the next decade.

This Roadmap has been developed through a highly collaborative process with a range of stakeholders across industry, education and governments. It focuses on building the competitive advantages of the region and elevating the range of opportunities that present themselves now and in the immediate future in the sectors of agribusiness, energy, water, aerospace and aviation.



The Region's Roadmap Vision

In 2032 the Greater Whitsunday region is abundant with lifestyle, education and employment opportunities. As leading industry innovators, we collaborate across the region to distribute our food, resources, research, and knowledge worldwide.

Key Challenges

The Greater Whitsunday region benefits from multiple competitive advantages, but it also has its challenges. Engagement with stakeholders identified the following key challenges:

- **Regional connectivity** - integrated transport infrastructure to allow seamless movement across the region; enhancing the role and function of the region's airports; and addressing digital connectivity.
- **Affordable housing pressures** - having access to a ready supply of diversified affordable housing products in both the rental and owner occupied sectors.
- **Dealing with the potential impacts of climate change** and facilitating a low and zero-carbon future.
- **Addressing skills development** - creating the right programs and project opportunities to up-skill, attract and retain a vibrant workforce in the region and aligning skills with the region's future economy.
- **Enhancing the region's image** - elevating the narrative and focus on the multiple benefits and returns from investing in the region.
- **Water security** - managing access to sustainable water supplies for growing population and industries.
- **Economic transformation and diversification** - creating and supporting new markets and new technology that align with the region's aspirations.
- **Tourism recovery** - preparing for the return of international tourism and broadening the sector offer as a means of diversifying the region's employment base.

Focus for Regional Growth: Strategic Themes



Our liveability and wellbeing



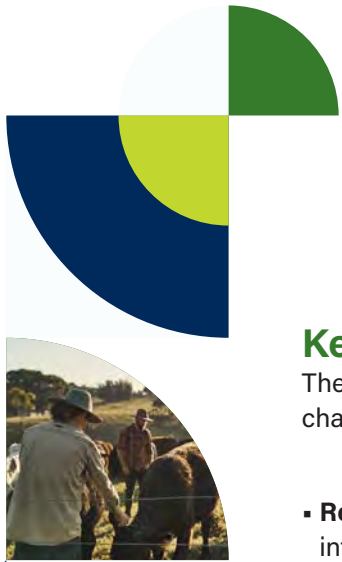
Prioritising and delivering regional infrastructure



A workforce trained in the region for the region



A productive and competitive region



Catalysts for Regional Growth: Enablers

The enablers are the fine detail of the Roadmap. They include policies, programs and projects that shape and deliver the desired future vision and catalyse additional development in the region. The Roadmap has identified eight separate sectors incorporating the enablers.

- Aviation & Aerospace
- Digital & Telecom
- Housing

- New Industry
- Regional Health Services
- Regional Transport & Freight

- Sports & Recreation
- Water & Energy

REGIONAL GROWTH ENABLERS	THEMES ADDRESSED
NEW INDUSTRY - Delivering new industry opportunities from regional competitive advantages	
Critical Minerals Testing and Commercialisation Centre	
Greater Whitsunday Biofutures Precinct	
HOUSING - Creating the conditions for an affordable dwelling supply that means regional needs and demands	
REGIONAL TRANSPORT & FREIGHT SOLUTIONS - Connecting the region to deliver safe and efficient transportation of goods, services and people	
Missing Link	
Regional Transport & Freight Strategy	
Bowen Marine Industrial Precinct	
AVIATION & AEROSPACE - Leveraging the significant regional advantages for the development of existing and new aviation and aerospace industry and skills enhancement	
Aviation Training Academy	
Abbot Point Aerospace Launch Facility	
WATER & ENERGY - delivering affordable and resilient water and energy to the region's communities and industry	
Bowen River Utilities - The Urannah Project	
Water for Bowen Pipeline Feasibility and Raising the Burdekin Dam	
Revaluation of the Connors River Dam	
Gas Supply to Mackay and Abbot Point Feasibility Assessment	
Increasing Rural Water Usage and Maximising Economic Return	
REGIONAL HEALTH SERVICES DEVELOPMENT - Delivery of enhanced health services for community wellbeing	
Moranbah Hospital Redevelopment	
DIGITAL & TELECOMMUNICATIONS - Developing digital infrastructure to support an innovative regional economy and connect the community to the world	
SPORTS & RECREATION - Ensuring sports is accessible to all. Sports and recreation supporting direct sports related sales and services, boosting international trade, supporting regional reputation, improving health and social wellbeing, and encouraging discipline, teamwork and competitive spirit	
Greater Whitsundays Sports Centre of Excellence	
Greater Whitsundays Trail Network	