



Newcastle Coal
INFRASTRUCTURE GROUP

NCIG

Optimising Sustainable Operations

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Our History



OUR CUSTOMERS AND SUPPLIERS

We engage with our customers and suppliers to achieve our common goals

- NCIG was established in 2004
- Operations commenced in 2010
- 79Mtpa Coal Export Terminal
- Facility lease until 2043 + extension options
- Modern, highly automated plant
- High productivity workforce
- Annual capacity entitlement and dedicated stockyard area distributed amongst customers



Our Site



Our Facilities



2 X Dump Stations

Inbound Sample Station

Ship load - 10,500 tph

2 X Shiploaders

Outbound Sample Station

4 X Stacker / Reclaimers

Reclaim - 10,500 tph

Stacking - 10,000 tph

3 X Berths

2 X Buffer Bins - 2,000 t

Role in global transition

- We recognise the critical challenge the world faces to respond effectively to the risks of climate change, and the importance of a **transition over time to a lower carbon-intensive economy**.
- As an Australian business, we are committed to **operating as sustainably as possible**, and to actively working to reduce the greenhouse gas emissions within our direct control.
- We also acknowledge that the exact pace of global decarbonisation efforts is uncertain and that the pathway to net zero will take time and **coal will remain part of the global energy mix** for some time.
- The **high-quality coal** NCIG handles on behalf of our customers will play an important role in this transition, particularly for Asian economies, to help to **ensure energy continuity, affordability and reliability** to enable their social development ambitions to be met during this period.

Sustainability strategy framework



CUSTOMERS

We work collaboratively with our customers to help them achieve their best possible outcome.

GOVERNANCE

Our robust systems and processes support the delivery of our commitments and objectives.

PEOPLE & CULTURE

We cultivate a safe, healthy, inclusive and innovative working environment for our people.

PLANT & ENVIRONMENT

We ensure the resilience of our operations while minimising our impacts on the environment.

COMMUNITY & STAKEHOLDERS

We collaborate with communities, industry partners and government to achieve positive social and economic outcomes.

Delivery of the strategy

	FOCUS ISSUES	COMMITMENTS	GOALS	2024 TARGETS	ALIGNMENT TO SDG'S
People & Culture	<ul style="list-style-type: none"> • Safety • Health & Wellbeing • Diversity & Inclusion • Training & Development <p>We cultivate a safe, healthy, inclusive and innovative working environment for our people.</p>	<ul style="list-style-type: none"> • Put our people's safety, physical and mental health first • Integrate agility, diversity, and inclusion in all areas of our business • Provide training and development opportunities that ensure our people remained engaged and are ready for their next career challenge 	<ul style="list-style-type: none"> • Maintain safe work environment and industry best practice standards • Maintain a workplace that protects and promotes good mental health and wellbeing – focus on leaders • Increase the diversity of employee group • Increase knowledge and skill capacity to stimulate innovation 	<ul style="list-style-type: none"> • Total recordable injury frequency rate of less than 5.0 • ISO 45001 accreditation • 80% of employees receive mental health training • 90% of recruitment activities with shortlist involving female candidates • 40% of employees receive training and development to increase skill base above role requirements per year 	 
Plant & Environment	<ul style="list-style-type: none"> • Energy & Emissions • Water • Waste • Biodiversity <p>We ensure the resilience of our operations while minimising our impacts on the environment.</p>	<ul style="list-style-type: none"> • Proactively manage our risks through robust systems, processes and scenario planning • Achieve Net Zero by 2030 • Optimise our air, water and waste management • Nurture positive outcomes for local biodiversity through our projects and partnerships 	<ul style="list-style-type: none"> • Reduce our total scope 1 and 2 emissions in accordance with our Net Zero pathway • Minimise reliance on potable water network in particular during times of high water stress (drought) • Achieve minimum possible waste footprint by proactively managing reduction, reuse and recycling where possible • Increase habitat value of existing biodiversity lands through active management and partnerships 	<ul style="list-style-type: none"> • 30% reduction in operational emissions (includes Scope 1 and 2) • 50% reduction in potable water use per year • 70% waste recycled (of total waste) per year • 102 Ha managed annually for biodiversity conservation • \$250,000 committed to biodiversity conservation per year 	 
Community & Stakeholder	<ul style="list-style-type: none"> • Procurement • Employment • Engagement • Support <p>We collaborate with communities, industry partners and government to achieve positive economic & social outcomes.</p>	<ul style="list-style-type: none"> • Contribute to local economic prosperity through local employment and procurement • Invest in the STEM talent pipeline of today and tomorrow and contribute to building local technical capability • Commit our capabilities and resources to support our community education, health and environmental sustainability 	<ul style="list-style-type: none"> • Support local economy and prosperity • Establish and maintain strong relationships with local community and other stakeholders that lead to positive business outcomes • Maintain positive interactions with local community groups to maintain social licence to operate 	<ul style="list-style-type: none"> • 70% of total procurement \$ spent locally per year • 5 STEM related initiatives supported • 25 community events actively participated in by employees • 30 community groups supported annually • \$360,000 per year spent on community initiatives per year 	 

Emissions management

COMMITMENT	GOAL	FY24 TARGET
To achieve Net Zero operational emissions by 2030.	To reduce our total operational emissions (scope 1 and 2) in accordance with our Net Zero Pathway.	To achieve a 30% reduction in operational emissions (scope 1 and 2).

ENERGY MANAGEMENT WORKING GROUP

OPERATIONAL
NET ZERO
BY 2030



COMMITMENT

We optimise our air, water and waste management.

GOAL

To minimise reliance on the potable water network, particularly during times of high-water stress (drought).

FY24 TARGET

To achieve a 50% reduction in potable water use.

Water management

Recycled Water Project



Community Support

COMMITMENT

We commit our capabilities and resources to support our community's education, health and environmental sustainability.

GOAL

To establish and maintain strong relationships with local community and other stakeholders that lead to positive business outcomes.

FY24 TARGETS

- To support 5 STEM related initiatives
- For 25 NCIG employees to actively participate in community events
- To support 30 community groups
- To spend \$360,000 on community initiatives.

Community Support Program

Community Partnership Program

Stockton & Fern Bay Support FY19-present

25 community projects/events supported
14 community groups represented
Over \$100,000 in direct support



COMMUNITY SUPPORT PROGRAM
— Est 2010 —



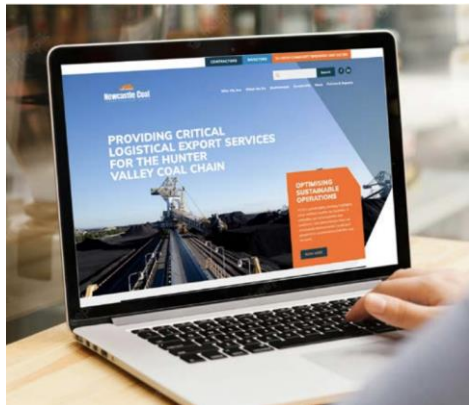
Guidelines & Application Form
MARCH 2023



Together
WE BUILD
OUR FUTURE

Improved transparency for our stakeholders

- Updated website
- Management approach suite
- Policy suite
- Performance scorecards
- Sustainability Reports
- ESG data tables



SUSTAINABILITY SCORECARD

SAFETY

Our people are at the heart of our business and the prevention and active management of any injuries to our workers is our number one priority. Our culture encourages safe behaviours and fosters an environment where workers feel safe to speak freely about and proactively manage health and safety matters.

NGIG is an industrial site and as such, many of our people work with heavy machinery and equipment. We take great pride in working at our site to the safety of all employees, contractors, visitors, and the environment in which we operate. We have a responsibility to uphold our organisation's high safety standards, and our commitment to safety can only be achieved with personal commitment, cooperation, and an integrated HSEC Management System is certified to ISO45001:2018.

COMMITMENT	Put our people's safety, physical and mental health
GOAL	Maintain a workplace that protects and promotes wellbeing – focus on leaders
FY22 TARGET	Total Recordable Injury Frequency Rate of less than 2.55
SDG CONTRIBUTION	

PROGRESS AGAINST FY22 INTERIM TARGET

Total Recordable Injury Frequency Rate (TRIFR) of less than 5.0

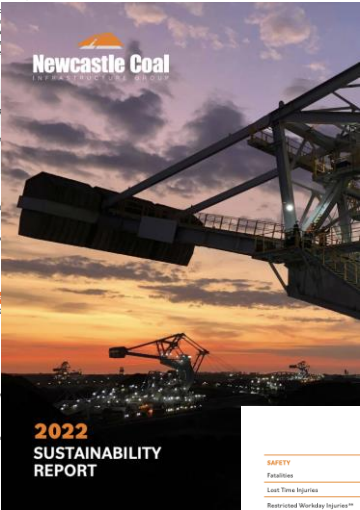
*TRIFR is defined as the total number of recordable injuries requiring medical treatment per million hours worked and operations based on the following formula:

Achievement status: On track Behind At risk

OTHER PERFORMANCE DATA	FY21	FY22
Total Recordable Injury Frequency Rate (TRIFR)	0	2.55
Fatalities	0	0
Last Time Injuries	0	1
Occupational Health Issues*	1	0
Medical Treatment Injuries	0	0
Last Time Injury Frequency Rate (LTIFR)	0	2.55
Hours worked (Employee + Contractors)	466,916	391,456

Find out more about NGIG's [Safety Management Approach](#) at [www.ncig.com.au](#)

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SAFETY	FY22	FY21	FY20	FY19	FY18
Fatalities	0	0	0	0	0
Last Time Injuries	0	0	1	0	1
Medical Treatment Injuries**	3	-	-	-	-
First Aid Injuries	8	10	16	10	2
Occupational Illness	0	2*	0	0	0
Last Time Injury Frequency Rate (LTIFR)	0	0	2.55	0	2.55
Total Recordable Injury Frequency Rate (TRIFR)	8.01	0	2.55	7.62	7.58
Hours worked (Employee + Contractors)	374,270	466,916	391,456	391,078	391,959

HEALTH AND WELLBEING	FY22	FY21	FY20	FY19	FY18
Unplanned absenteeism (% of total hours)	4.2%	2.7%	3.4%	3.2%	2.8%
Employees receive mental health training (%)†	84%	-	-	-	-

DIVERSITY AND INCLUSION	FY22	FY21	FY20	FY19	FY18
Number of female employees	20	23	19	21	18
% Women in total workforce	19%	21%	18%	19%	17%
% Recruitment activities with shortlist involving female candidates**	88%	-	-	-	-

TRAINING AND DEVELOPMENT	FY22	FY21	FY20	FY19	FY18
Total average hours of training per employee	34	68	47	30	-
% Employees receive training and development above role requirements†	68%	-	-	-	-

Our Community and Stakeholders	FY22	FY21	FY20	FY19	FY18
SUPPORT					
Total community investment (\$)	383,609	292,800	276,000	260,000	240,000
Number of community programs supported†	47	45	30	29	54
Number of STEM related initiatives supported†	4	-	-	-	-
Number of employees engaged in community events*	32	-	-	-	-
ENGAGEMENT					
Number of registered complaints	0	0	2	0	1
PROCUREMENT					
Total local spend (\$ million)	36.5	40.5	41.3	49.3	47.9
Proportion of total expenditure spent locally (%)†	76%	-	-	-	-

PERFORMANCE AGAINST FY22 TARGETS

FOCUS AREA	METRIC	FY22 TARGET	FY22 ACTUAL	FY22 PERFORMANCE
Community support	Number of employees participating in community events per year	25	32	
Community support	Number of STEM related initiatives supported per year	3	4	
Community support	Number of community groups supported per year	30	47	
Community support	Spend on community initiatives per year	\$290,000	\$303,000	
Procurement	% of total expenditure spent locally per year	70%	76%	

MANAGEMENT APPROACH Safety

COMMITMENT
We put our people's safety, physical and mental health first.

GOAL
To maintain a safe work environment and industry best practice standards.

Our people are at the heart of our business and the prevention and active management of any injuries to our workers is our number one priority. Our culture encourages safe behaviours and fosters an environment where workers feel safe to speak freely about and proactively manage health and safety matters.

SYSTEMS AND PROGRAMS

Accreditations and standards

- Our integrated HSEC Management System is certified to ISO45001:2018 and includes:
 - Leadership and accountability
 - Legal requirements and document control
 - Risk and change management
 - Planning, goals, and targets
 - Awareness, competence, and behaviour
 - Health & hygiene
 - Communication, consultation, and participation
 - Business conduct, human rights, and community development
 - Design, construction, and commissioning
 - Closure and maintenance

MANAGEMENT APPROACH Waste

COMMITMENT
We optimise our air, water and waste management.

GOAL
To achieve the minimum possible waste footprint through proactively managing waste reduction, reuse and recycling.

FY24 TARGET
To have 70% of our total waste generated on site being recycled.

NGIG is committed to the sustainable management of its operations. We have a strong focus on waste reduction, reuse and recycling of materials generated at our terminal as a priority.

NGIG's waste management strategy is to reduce, reuse, recycle and recover waste resources. It applies the principles of Avoid - Reduce - Reuse - Recycle - Recover (ARRRRR) to our operations. There are several legislative and regulatory requirements that apply to our waste management activities. These are primarily broken down into state government departments, such as the Environmental Planning and Assessment (EPA) and the Environmental Protection Authority (EPA). Our waste management strategy is aligned with the Waste Management Plan (WMP) and the Environmental Operations Amendment (EOA) (Waste) Regulation 2014, and the Waste Management Plan (WMP).

MANAGEMENT APPROACH Community Support

COMMITMENT
We commit our resources to support our community's education, health and environmental sustainability.

GOAL
To establish and maintain strong relationships with local community and other stakeholders that lead to positive business outcomes.

FY24 TARGETS

- To support 6 STEM related initiatives
- For 25 NCIG employees to actively participate in community events
- To support 30 community groups
- To spend \$360,000 on community initiatives.

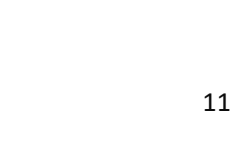
We believe it is important that we actively contribute to our local community to help create long-term social, environmental, and economic value. Through our community support programs, which include grants and partnerships, we support and create long-lasting relationships with local organisations and community groups that reflect and share our values. We provide financial and in-kind support arising to create outcomes that benefit and improve the lives and wellbeing of people living in Newcastle and the Hunter Region. By supporting our local communities, we hope to promote physical and mental health, increase and improve access to education, and improve local amenities and the environment.

Organisations and community groups eligible to apply for our community impact grants and/or partnerships biennially include those whose program or project focuses on education, health and the environment. They must also be able to demonstrate:

- their capacity to use funds effectively for the benefit of communities in the Hunter Region, particularly those close to our facilities at Korangang
- that the benefits generated are not for one specific interest group or individual but for the broader community
- long-term and quantitative outcomes as well as social well-being benefits.

POLICIES

- Our policies reflect our integrity and values and aim to foster a culture of teamwork, excellence and innovation.
- Code of Conduct**
 - Code of Conduct Policy
- Whistleblower**
 - Whistleblower Policy
- Sustainability**
 - Sustainability Policy
- Modern Slavery**
 - Modern Slavery Policy
- Privacy**
 - Privacy Policy



Environmental Governance

- Development approval conditions - EP&A Act
- Environmental Protection Licence - POEO Act – EPL 12693
- Particular Manner Decision – EPBC Act
- ISO 14001:2015 accredited Environmental Management System
- NCIG Management Plans - DPE approved
- Proximity to residential areas and sensitive environmental habitats



Dust & Air Quality Management

Dust management is a critical environmental risk for NCIG operations

Coordinated dust management systems in place to manage fugitive dust risk.

Multi-layer suite of dust management controls

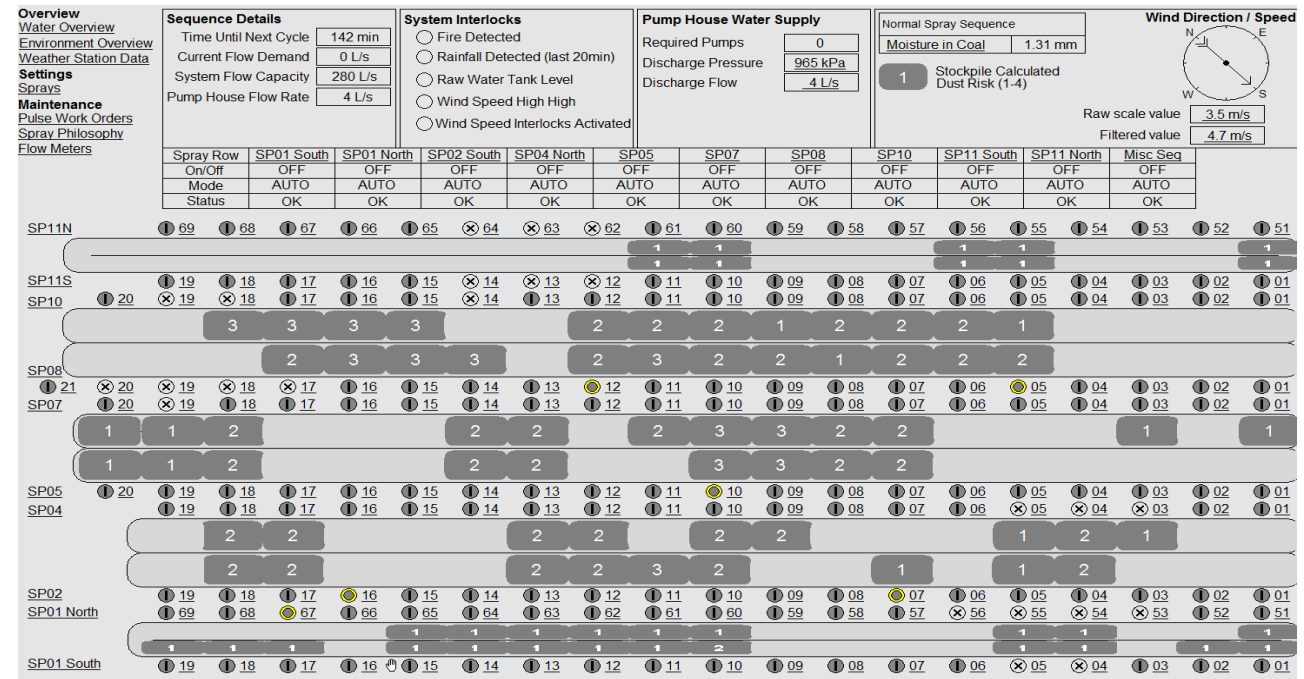
- Infrastructure to reduce inherent risk of emissions
- Preventative processes
- Reactive procedures
- Performance monitoring



Dust Management Infrastructure

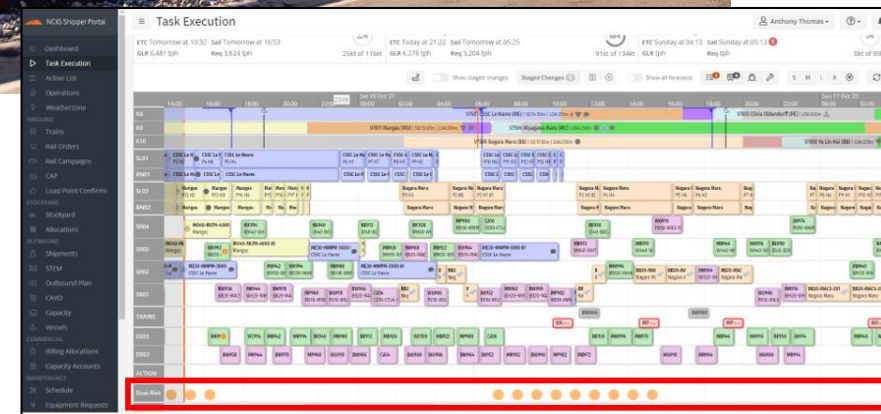
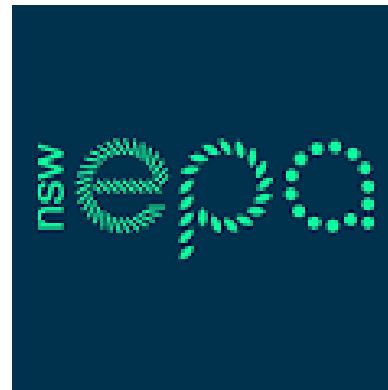
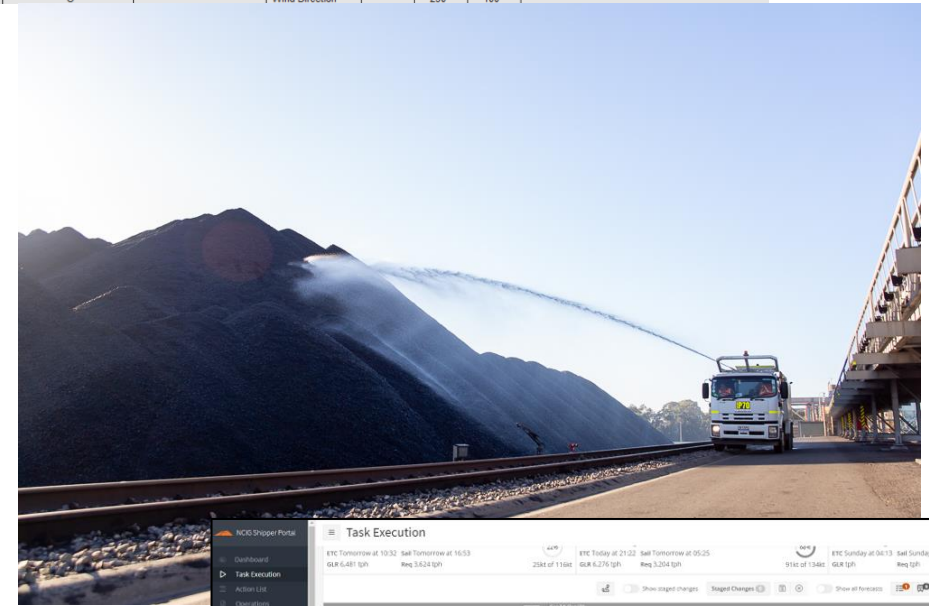
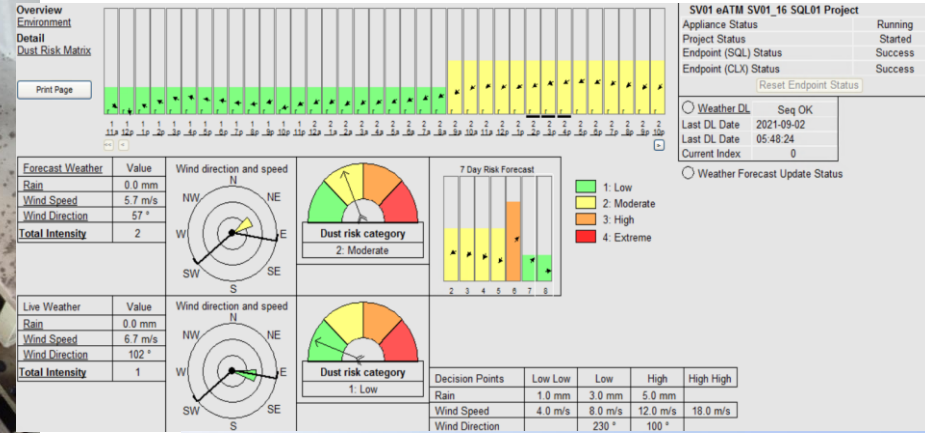
Infrastructure design
 Passive water addition
 Active water addition

- Transfer houses partially enclosed
- Elevated conveyors in gallery or wind shielding
- Enclosure of fixed conveyors
- Soft chute technology at transfer points (reduce impact)
- In-line moisture monitoring of coal stream
- Water sprays in transfer chutes and along belts.
- Belt scraping utilising water
- Boom tip water sprays utilised for stacking and reclaiming
- Stockyard spray network



Preventative Dust Management

- Inbound moisture management
- Weather forecasting
- Stockpile veneering
- Logistics management
- Stockyard management
- Regulatory review



Air Quality Monitoring

- NCIG perimeter
- PWCS / NCIG community
- State Gov community
- Community complaint



24-HOUR COMMUNITY ENQUIRIES 1800 016 304

Thank you

NCIG Community Open
Day
May 7th 2023

Questions?

More information can be found on our website

www.ncig.com.au

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