

Meeting No. 143
Wednesday, 7 October 2020
9.00 a.m. – 10.30 a.m.

Webex Online Meeting

Minutes

Attendees	
<p>Community members None present</p> <p>Business Representatives Brian Kiely – PK Gateway Dene Ladmore – Quattro Ports Andrew McClure– Bluescope Steel Greg Newman – EPA Cory Page - LINX</p> <p>University of Wollongong Andy Davis</p> <p>NSW Ports representatives Trevor Brown Vida Cheeseman Sarah Downey</p> <p>Port Authority of NSW None present</p>	<p>Wollongong City Council None present</p> <p>Dept of Agriculture None present</p> <p>Chris Haley – Chairperson Natalie Murphy – Minute Taker</p> <p>Apologies Sharad Basin – Port Authority of NSW Nigel Harpley - Ixom Ron Hales – Community representative Peter Maywald – Community representative Evan Wissell - AAT John Macpherson – Pacific National Andy Brownjohn – BOC Gases Brendan Moss- GrainCorp Lorrie Zammit – Bluescope Steel Mark Peterlin – Community Member Alison Wedgwood – NSW Ports Allison Broad – UoW John Morrison – Uow Luke Pascot – PKCT Michael Curley – PKCT Doyle Cook – PKGateway Paul Bollen- Morgan Cement Robyn Simpson – LINX Renee Winsor – Wollongong City Council</p>

Introduction: Chris Haley welcomed attendees to the meeting and noted apologies.

1. Andrew McClure – Blue Scope Steel – Climate Change

BlueScope Steel Presentation – Refer to Appendix A

Andrew McClure was noted as a long-term BlueScope Steel employee working 10 years in the corporate environment team and more recently in Climate Change Policy. Andrew is working on activities to meet climate change requirements, energy saver programs etc.

All information in the presentation is in the Sustainability Report 2020. Link provided in the presentation.

Questions relating to the presentation by Andrew McClure:

Chris Haley: Chris asked Andrew if China are also doing the work for Climate Change?

Andrew McClure: Response is Yes they are doing the work in China. China is committed to the Emissions Trading Scheme. Currently China has 28% of global emissions.

Andy Davis: You talked about the purchase of renewable energy. Is battery storage technology part of the portfolio?

Andrew McClure: There has been an analysis of options. Due to our location the PPA (Power Purchase Agreement) is the best option.

2. Key Initiatives and Actions: Refer to Appendix B

- Prepare Sustainable Development Guideline – In progress
- Prepare NSW Ports Sustainability Plan 2018 - Complete
- Collate Port Kembla Stormwater / Wastewater management information -Complete
- Guideline for Stormwater / Wastewater Management – To be included with Sustainable Management Guide
- Coordinated action for illegal dumping and litter reduction – Complete
- Assess feasibility of Allans Creek Litter Boom – pending funding
- Coordinated plan for weed and feral pest control – In Progress
- Research towards sustainable anchorage practices – Phase 1, habitat identification – Complete
- Develop educational resources for schools regarding ports – Not progressing
- Develop educational resources for schools regarding ports – Complete with ongoing improvements

3. Climate Change

Andy Davis: Andy has proposed some content of interest to the group which he emailed to Chris Haley.

ACTION: Chris Haley to circulate via email & Sarah to add links to the newly created private LinkedIn Group

4. Legislation and Policy

- Nothing to report

5. General Business

Brian Kiely – Port Kembla Gateway: It was noted Brian made an amendment to the minutes dated 5 August to say:

- It was noted that coal tar loading is down from around 40,000 tonnes to around 3,000 tonnes this year.

Dene Ladmore – Quattro Ports

- Crops are looking fabulous. Last vessel is finished and waiting in Silo. Hoping for a great crop season.

Vida Cheeseman – NSW Ports

- NSW Ports Facebook page was launched. Community engagement has been high with great feedback relating to the notifications especially relating to public access.
- **WIN TV news on Tuesday 6/10:** – interview with Dene Ladmore, Quattro Ports re export of grain at Port Kembla.
- **WIN TV news on 28/9:** interview with GE Renewables and NSW Ports on Port Kembla as an import hub for major renewable project (showcasing the Bango Wind Farm). Watch the news coverage or via Facebook. NSW Ports has also developed a video showcasing the Bango project which has now had upwards of around 70,000 views across LinkedIn, Facebook, and TV news.
- **NSW Ports media release:** Transport for NSW's new Intercity Fleet trains arrive at Port Kembla. Read the media release here: <https://www.nswports.com.au/new-intercity-fleet-trains-arrive-port-kembla>.

Trevor Brown – NSW Ports

- Working with AIE and Coal Terminal on progressing Gas Terminal plans in the Harbour.
- Wollongong Heritage Collections – have taken a lease/ operation of the Museum and refreshing the exhibitions. Funding to be confirmed but looking at going ahead.

Sarah Downey – NSW Ports

- A [private PKHEG LinkedIn Group](#) has been set up to enable Group members to share relevant research and insights with each other in an easily accessible and user friendly online forum. To join the Group, please connect with Sarah Downey or Chris Haley on LinkedIn and we will invite you to join.
- Useful links:
 - [Signing up to join LinkedIn](#) (to set up your free LinkedIn account - if not already a member)
 - [LinkedIn Groups Membership - Overview](#)

Andy Davis: UoW: Andy was sent an email from a community member asking to confirm a cold-water stream will be released into the Harbour from the proposed Gas Terminal. Andy referred question to Trevor Brown.

Trevor Brown response: It was noted a cold-water stream will be released into the Harbour from the gas storage ship (FSRU). Impacts of temperature change have been assessed as minimal and acceptable.

Meeting finished at 9.50am

6. Next Meeting:

DATE: 2 December 2020

VENUE: Venue TBC

TIME: 9.00 a.m. to 10.30 a.m.

NOTE: Please note Marika Calfas CEO, NSW Ports will attend this meeting to provide a leadership update from NSW Ports

Group Management: Meeting arrangement information will be issued by Sarah Downey, NSW Ports Communications Manager

Contact: 02 9316 1120 or E-mail sarah.downey@nswports.com.au

Agenda items: Please contact the Group Chair, Chris Haley with good notice to propose agenda items for discussion at the next meeting.

Appendix A



**PORT KEMBLA HARBOUR ENVIRONMENT MEET
BLUESCOPE EMISSION REDUCTION
STEEL RESEARCH HUB**

7 October 2020

BACKGROUND – CLIMATE CHANGE

BlueScope

- Supports the Paris Climate Change Agreement.
- Global business, with manufacturing facilities in 18 countries:
 - Three steelmaking operations – small on global scale; and
 - Twelve coating and painting sites – top three for coated steel.
- Participates in worldsteel's CO₂ data collection program:
 - Port Kembla steelworks, sits well below the average for BF/BOS route.
- Involvement in developing “Responsible Steel” and now with “Net Zero Steel Pathway Methodology Project”.

Global steelmaking

- Contributes approx. 8% of global CO₂ emissions.
- Is internationally trade, with little or no tariffs in place.
- Is considered to be one of the hard to abate sectors, due to the maturity of BF/BOS route and dependence on coal.
- Other steelmaking routes include Electric Arc Furnace (EAF) and Direct Reduces Iron (DRI)



BLUESCOPE CLIMATE CHANGE STRATEGY

We intend to play a proactive role in reducing carbon emissions associated with the manufacture and use of our steel products.

OUR REFRESHED CARBON STRATEGY ENCOMPASSES FIVE OVERARCHING WORKSTREAMS:

1. Reduce our carbon intensity in time frames aligned with key investment decisions;
2. Create carbon efficient solutions for our customers;
3. Use renewable energy and credible carbon offsets cost effectively;
4. Making the case for local, sustainable steel in our communities; and
5. Monitor and engage

Refer BlueScope 2020 Sustainability Report:

<https://www.bluescope.com/sustainable-steel/>



BlueScope committed to 12% CO₂ emissions intensity (Scope 1 and Scope 2) reduction by 2030 at 3 steelmaking facilities:

- For the Port Kembla Steelworks:
 - The CO₂ Cooperative Research Centre (CO₂CRC) recently explored CCUS options for PKSW;
 - Projects progressing to enable increased scrap usage;
 - Options being considered regarding future renewable energy supply;
 - Feasibility Study approved for additional internal generation – Turbo Alternator (23TA) utilising currently flared indigenous gas;
 - Involvement in Worldsteel step-up program; and
 - Planning a Renewables Study involving UoW and ARENA regarding ongoing Blast Furnace operation:
 - Hydrogen;
 - Biochar; and
 - Use of indigenous gases.....

No. 5 Blast Furnace campaign life and ongoing iron and steelmaking:

- Currently available technology options considered;
- Breakthrough technologies involving hydrogen many years away; and
- Most likely to reline No.6 Blast Furnace.

Energy Transitions Initiative (ETI) co-ordinated by ClimateWorks Australia:

- An industry-led initiative to develop pathways to net zero emission supply chains across critical sectors of the Australian economy.



Overview - Steel Research Hub

- 5 y term, officially ending 2020
- ~\$12 M cash, ~ \$12 M in-kind



Australian Government
Australian Research Council



Steel
RESEARCH HUB

- 5 Universities



UNIVERSITY
OF WOLLONGONG
AUSTRALIA



THE UNIVERSITY
OF QUEENSLAND
AUSTRALIA



MONASH
University



RMIT
UNIVERSITY



- 8 Industry Partners



BLUESCOPE



LIBERTY
ONESTEEL



Bisalloy
Steels



A-i
GROUP



AUSTRALIAN STEEL INSTITUTE

COX

ArcelorMittal



Stockland



Steel
RESEARCH HUB

ARC Research Hub for Australian Steel Innovation

Process Integration and Sustainability



Product Innovation and Technology



Advanced Corrosion Performance and
Manufacturing Efficiency



Steel Supply Chain Transformation



Steel
RESEARCH HUB

APPENDIX B

Port Kembla Harbour Environment Group

Key Initiatives and Actions 2018-2020 as at October 2020

Initiative/ Action	Responsibility	Expected Completion	Status
1. Planning for Sustainability			
1.1. Prepare Sustainable Development Guideline	NSW Ports	Jun 2021	In progress
1.2. Prepare NSW Ports Sustainability Plan 2018	NSW Ports	Aug 2019	Complete
2. Stormwater / Wastewater Management			
2.1. Collate Port Kembla Stormwater / Wastewater management information	NSW Ports & tenants	April 2020	Complete
2.2. Guideline for Stormwater / Wastewater Management	NSW Ports	Jun 2021	To be included within Sustainable Development Guideline
3. Illegal Dumping and Litter Reduction			
3.1. Coordinated action for illegal dumping and litter reduction	NSW Ports & tenants	June 2019	Complete
3.2. Assess feasibility of Allans Creek Litter Boom	Council	TBA	Pending funding and resources to assess feasibility
4. Weeds and Pest Control			
4.1. Coordinated plan for weed and feral pest control	NSW Ports & tenants	June 2021	In progress
5. Conserve the marine environment			
5.1. Research towards sustainable anchorage practices – Phase 1, habitat identification	UoW, NSW Ports	Feb 2019	Complete
6. Promote awareness of Port Kembla and its environment			
6.1. Develop educational resources for schools regarding ports	NSW Ports	Apr 2019	Not progressing - in lieu of the school education program, we have focused our efforts on: <ul style="list-style-type: none"> - Investing in school programs and partnerships, including Permaculture Partners program - Creating a range of easily accessible information, video content and photo libraries (now live on the website) - Planning for a Port Kembla “port open day” in 2022. - Launching facebook with a steady stream of content - Ongoing media coverage of the port and the various initiatives underway.
6.2. PKHEG website	All members	TBA	Alternate proposals to: <ul style="list-style-type: none"> - include materials on NSW Ports website; and - establish a LinkedIn group for sharing reports, research articles, etc among the group