



EcoPorts Membership, the process and lessons learnt

# A Management System Framework for Sustainable & Resilient Ports





# The Port of Newcastle at A Glance

- 220 Years of commercial shipping
- 4600 ship movements per annum
- 20 operational berths
- Main channel depth of 15.2 metres
- Operate 24 hours a day, 7 days a week
- Total land holdings of 792 hectares



“**OUR VISION** is to maintain Newcastle’s position as one of the leading and most efficient global scale export ports and facilitate continued growth and development of existing and new trades in a sustainable manner.”

## **VALUES**

- Safety
- Teamwork
- Initiative
- Performance
- Customer service
- Delivering on promises

# TRADE

In 2018 the  
Port of Newcastle  
handled

**166.1  
million**

tonnes of trade valued at nearly

**\$29 billion**



PROJECT



CONTAINERS



DRY BULK



BULK LIQUIDS



BREAK BULK

# OUR COMMUNITY

Over the past 220 years the growth and development of the Port has underpinned the economic success and identity of the city. The port's first commercial export was 50 tonnes of coal to Bengal aboard a barque called the *Hunter* in 1799.

We value our engagement with neighbouring communities, business and industry, including:

- The Port of Newcastle Community Liaison Group comprising representatives of the community, business, industry and government;
- Our Community Partnerships Program supporting projects that benefit local communities around the port; and
- Regular community newsletters

# ENVIRONMENT

Port of Newcastle is committed to achieving best practice environmental management at the Port of Newcastle and strive to be a leader in the port sector.

Five overarching themes guide our approach:



"Our systems support compliant and efficient operations and Port of Newcastle is committed to adopting sustainable practices."



"Developing positive synergies inside and outside the port area that create opportunity and contribute towards a resilient and sustainable city port."



"We are active contributors to the management of local environmental initiatives."



"We are committed to managing the environmental impacts of our operations and developing the port in a sustainable manner."



"Port of Newcastle is proud to be the custodian of the Port for the NSW government and the people of NSW."



# WHERE IT ALL BEGAN...



# WHAT I DISCOVERED

- A significant network  
of Ports that were all  
aligned in their  
approach to  
delivering sustainable  
operations.
- Independent not for profit organization
  - Environmental management system standard program designed for Ports and port operations
  - 90 European members





# ESPO ENVIRONMENTAL REPORT



78%

Does your port consider climate change adaptation as part of new infrastructure development projects?

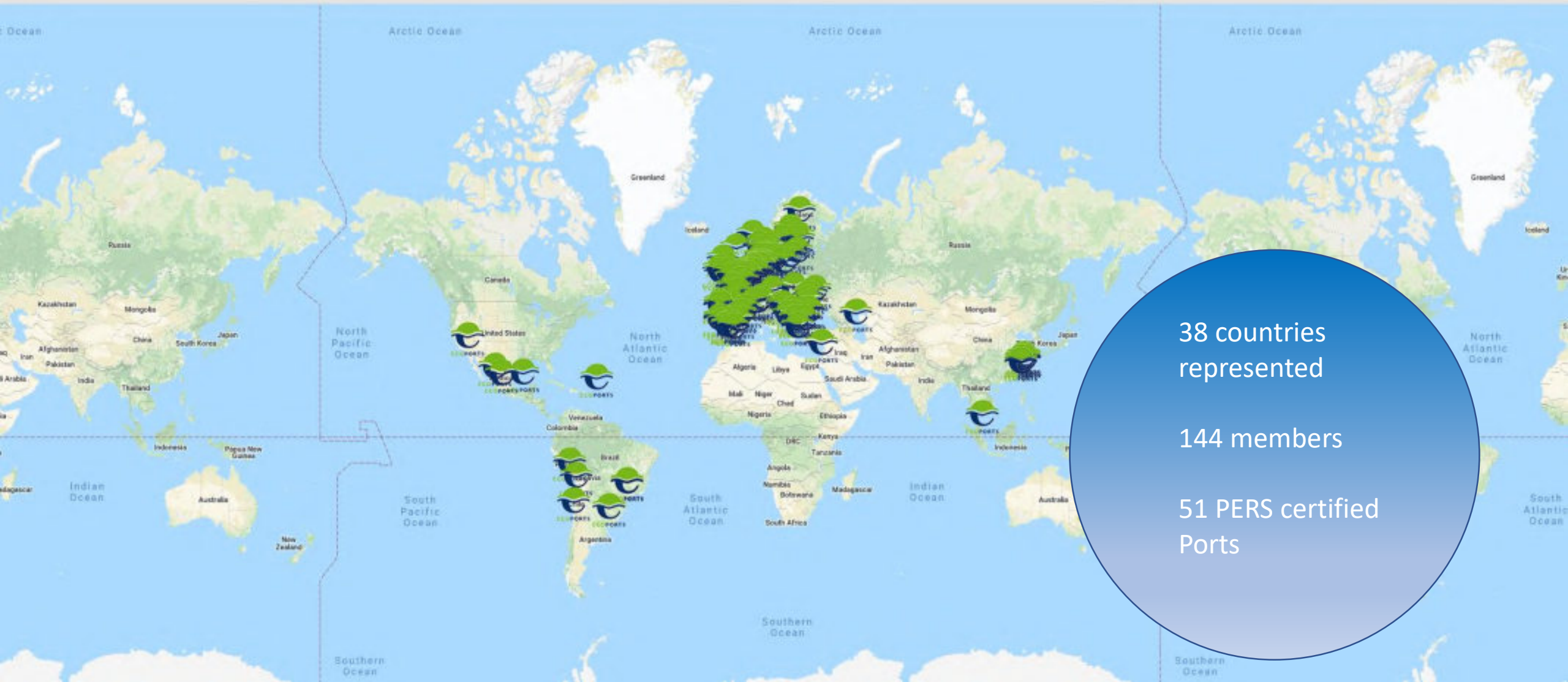
59%

Does your port take steps to strengthen the resilience of its existing infrastructure in order to adapt to climate change?

41%

Does your port experience operational challenges that could be related to climate change (e.g. more frequent storms, flooding, changes in wind or wave conditions)?

- SDM tool
- Assessed as positive in terms of potential compliance and high degree of commitment to improve environmental performance
- 2018 waste emerges as the most monitored issue, followed closely by energy consumption
- Almost 50% ports measuring carbon footprint
- New indicators for climate change
- Air quality and energy efficiency top two priorities since 2016
- Climate change has made the top 10 for the second year in a row



38 countries  
represented

144 members

51 PERS certified  
Ports





User-friendly



Reach your sustainable development targets



Certification after independent review by Lloyd's Register



Increase reputation



In line with the 2015 revision of ISO 14001 environmental management systems



In line with ESPO recommendations

## OUR EXPERIENCE

- SDM stage complete
- Gap Analysis Report
- Opportunities for improvement
- Aspects & Impacts
- Global recognition
- Positive stakeholder response







## NEWCASTLE BULK TERMINAL





## NEWCASTLE CONTAINER TERMINAL



# REGIONAL OPPORTUNITY



Scope to build a regional network.

10+ = scope for a regional database to be compiled by EcoSLC

SDM stage

Annual ANZ Ports Environmental Report

## FURTHER INFORMATION



**LinkedIn**  
[linkedin/portofnewcastle](https://www.linkedin.com/company/portofnewcastle)



**Website**  
[www.portofnewcastle.com.au](http://www.portofnewcastle.com.au)



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