

Nature-based Solutions at the Port of Brisbane

*Working with nature to deliver biodiversity,
climate resilience and port sustainability*

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Port of Brisbane Pty Ltd – Business Overview

A world-class port:

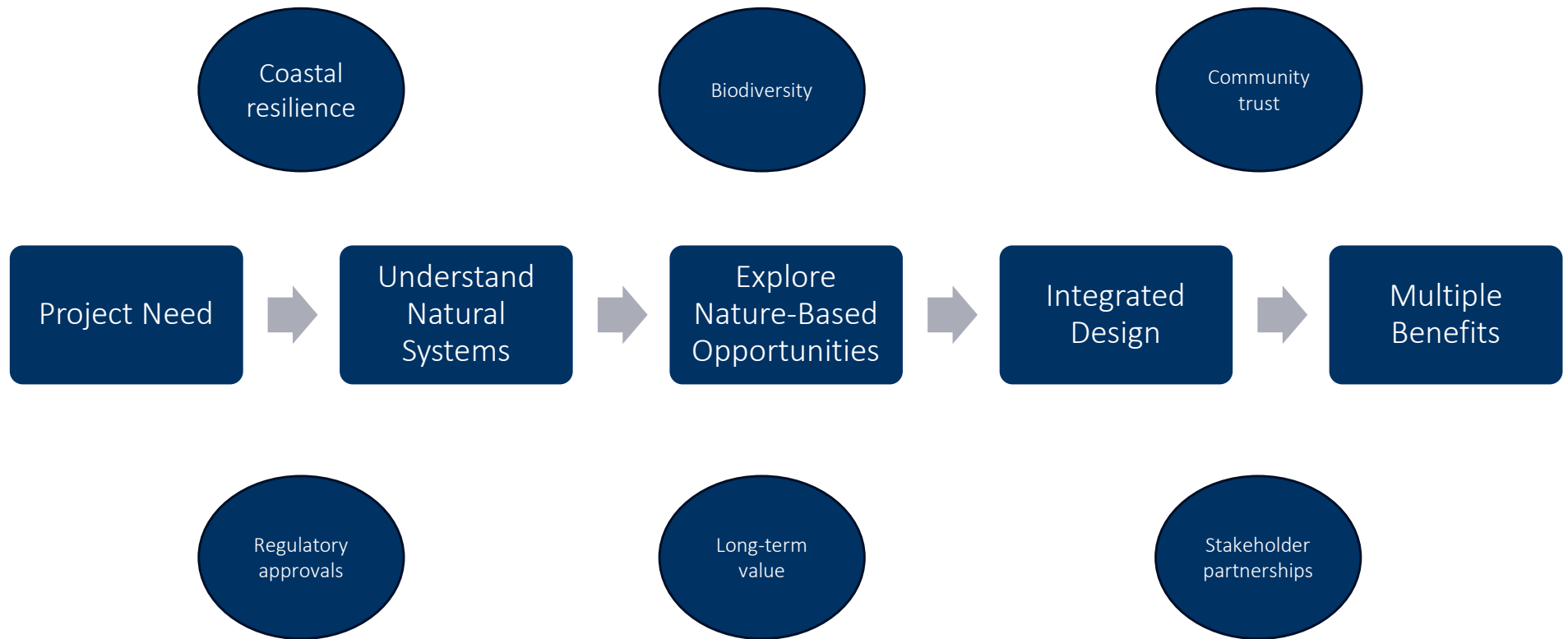
- Queensland's largest multi-cargo port
- Owned by four of the world's most experienced infrastructure investors
- National leader in port sustainability and environmental management

That operates within one of Australia's most important coastal ecosystems:

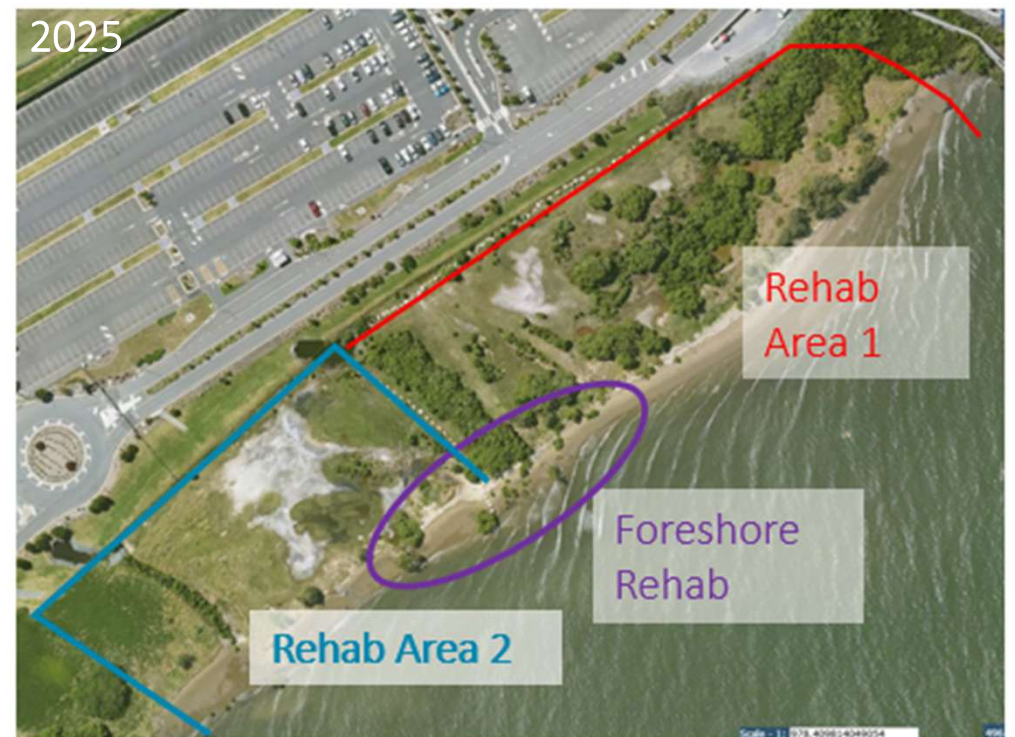
- Located within the Moreton Bay Marine Park
- Significant mangrove and tidal wetland ecosystems
- Significant seagrass ecosystems
- Ramsar-listed wetland areas in close proximity



Working with Nature: A Port of Brisbane Perspective



Brisbane International Cruise Terminal Salt Marsh Rehabilitation Project



Port North Advanced Offset Site (20 ha mangrove site)



Whyte Island Biodiversity Project

The Port of Brisbane acquired a Sustainability Linked Loan which required the delivery of sustainability initiatives in return for more favourable financial terms.

PBPL identified a degraded vegetation rehabilitation location known internally as the “Whyte Island Claypan”

Planting of over 13,500 new plants with a total of 18.38 ha successfully rehabilitated – substantial increase in migratory bird attendance



Catchment Management – Laidley Creek



PORT OF BRISBANE



Catchment Management – Laidley Creek



Shellfish Reef Restoration



Future Opportunities – ‘Living Ports’ Masterplan (Concept only)

Instead of hard seawalls alone, incorporate:

- Seawall edge treatments
- Subtidal reef structures
- Mangrove benching/planting
- Shellfish reefs
- Additional shorebird roost area
- Buffer zones to Whyte Island rehabilitation area



Key Takeaways

1. Nature-Based solutions are becoming mainstream

They support biodiversity, water quality improvement, climate resilience and sustainable growth.

2. Port infrastructure and nature can work together

The most successful examples integrate ecological thinking from the beginning.

3. The Port of Brisbane provides practical examples

Demonstrating how environmental enhancement and operational objectives can be aligned.

Thank you



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