

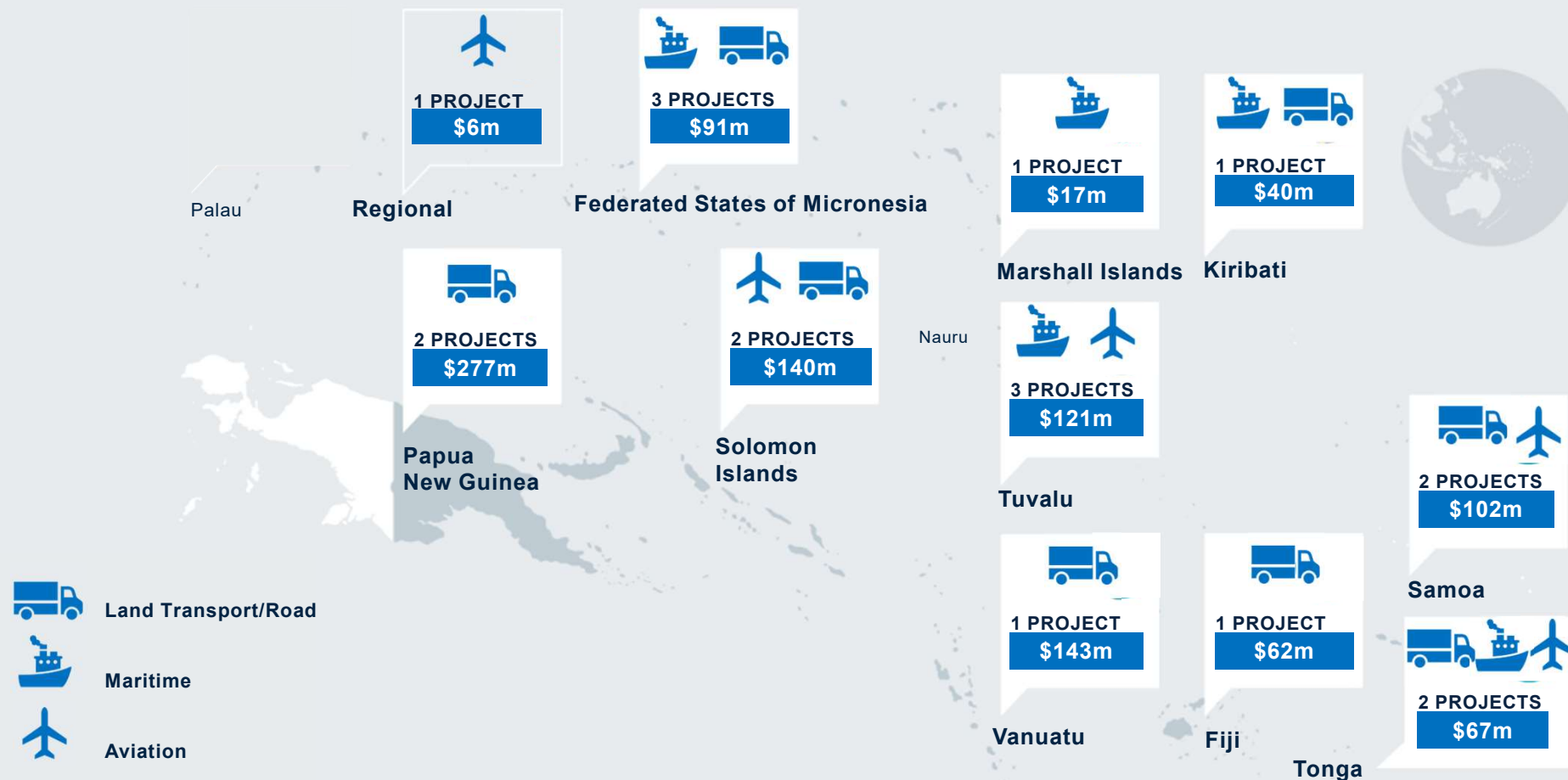
REGIONAL COOPERATION ON DECARBONIZED SHIPPING & PORTS IN THE PACIFIC

Transport Global Practice

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Ongoing World Bank Transport projects in the Pacific

19 projects (US\$1.06b) of which 7 include maritime (\$227m)



Regional Analytical Review : Transforming Pacific Maritime Transport

To guide the design and preparation of Efficient, Resilient, & Sustainable maritime operations for (i) improved logistics & reduced transport costs to support the blue economy (ii) improved maritime safety and (iii) enhanced resilience to climate and emergencies; and (iv) decarbonization in the maritime sector.



Analytical work completed

1. Regional Report for Blue Transformational Maritime Transport in the Pacific (published)
2. Assessment for Maritime Connectivity
3. Pacific Maritime Transport Systems: Hazard Exposure Technical Note (published)
4. Vulnerability Assessment on Safety and Resilience
5. Green Ports/Green Logistics Assessment
6. Evaluation on Regional and National Institutions
7. Country Case Studies for Fiji, Solomon Islands, Kiribati, and Vanuatu
8. Country Notes on each of the Pacific Island Countries



Key Messages: Transforming Pacific Maritime Transport



What are in the Pacific Island Countries' DNA?

- ❑ **Complexity of moving small numbers** of passengers and freight with reliable frequency over large distances
- ❑ **Challenging supply chain** with limited backhaul traffic
- ❑ **High trade imbalance** due to import dependence on food, fossil fuel, consumer goods & building materials
- ❑ **High vulnerability** to climate change & natural disasters



What worked well and shall sustain?

- ❑ **International shipping** is optimized with network of private sector operators
- ❑ **Gateway ports** are of the scale and type for existing vessels and operations
- ❑ **Good regional governance architecture** and long history of cooperation among PICs



Where do the biggest opportunities lie?

- ❑ **Domestic connectivity:** infrastructure, services, and safety
- ❑ **Resilience:** integrating into port planning and design, early warning system, emergency response
- ❑ **Infrastructure asset management** to enhance reliability, value and long-term savings
- ❑ **Improve governance** at national and regional levels for better outcomes



What ambitious goals may require re-think?

- ❑ Trade balance and food self-sufficiency
- ❑ Energy security and decarbonization
- ❑ Cruise ship tourism
- ❑ Value capture from fishing

Efficient, Resilient, and Sustainable Maritime Connectivity



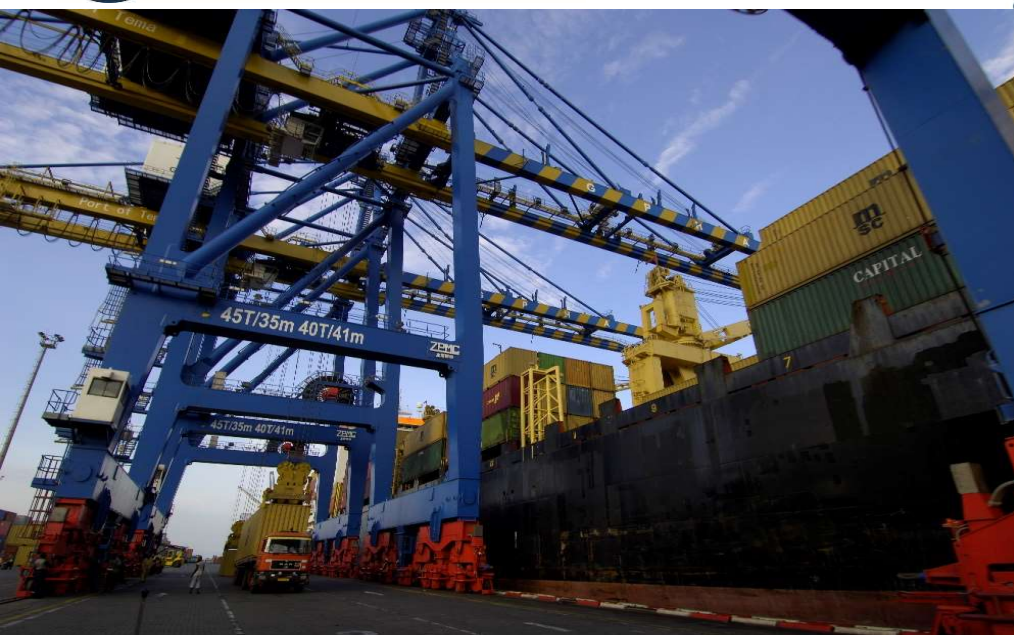
Opportunities: Future proof shipping and ports for climate resilience, safety, efficiency and decarbonization

- Deployment and operations of vessels that are capable of providing reliable services to strengthen the blue economy
- Fleet Modernization to enhance safety, climate resilience and decarbonization
- Upgrade of port infrastructure (incl at outer island ports) to cater to modern fleet, emerging trade and green fuel value chain
- Enhance digital connectivity to boost service efficiency, emergency responses and disaster recovery, and emissions reduction
- Build redundancy into the maritime transport networks to reduce disruption to services



Opportunities: Effective planning, policy development and improved governance

- Strengthen regulations and enforcement capacity, regarding safety and decarbonization
- Life cycle management of vessels (fit-for-purpose, adaptable, well-maintained)
- Identify models for **financial sustainability** of domestic shipping, especially non-profitable routes
- Integrate natural hazard and climate change risk into the strategic and master planning for ports
- Increase **training** and workforce development
- Enhance collaboration between regional, national and sub-national port authorities and strengthen institutions



Thank you

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