Building Climate-Resilient Maritime Infrastructure Across the Pacific

Kaoru Kasahara

Principal Transport Specialist,

Transport Sector Office, Sectors Department 1

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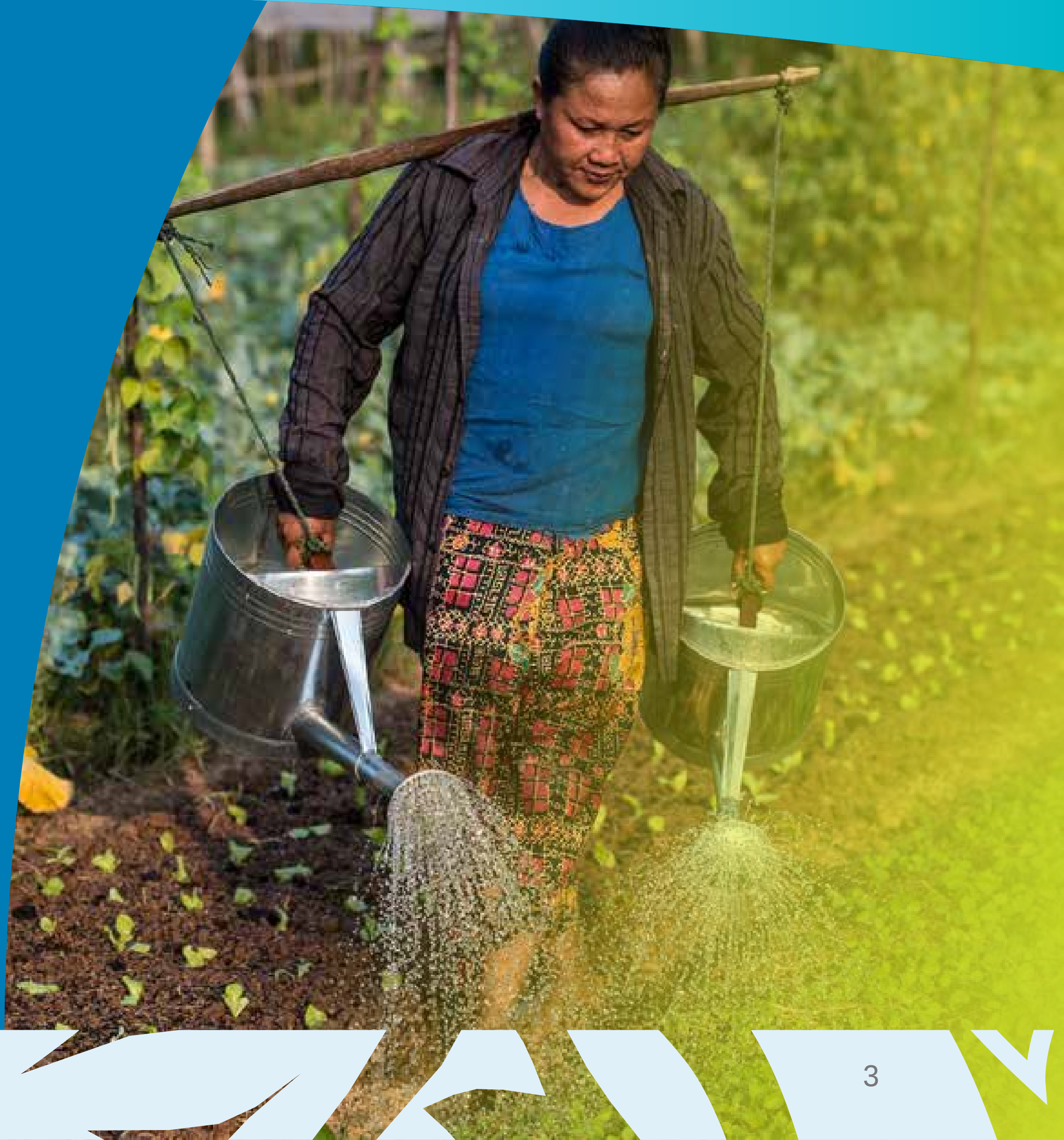
A brief overview of the ASIAN DEVELOPMENT BANK

ADB

Solving Complex Challenges Together

ADB’s Purpose Statement



ADB is a leading multilateral development bank supporting sustainable, inclusive, and resilient growth across Asia and the Pacific.

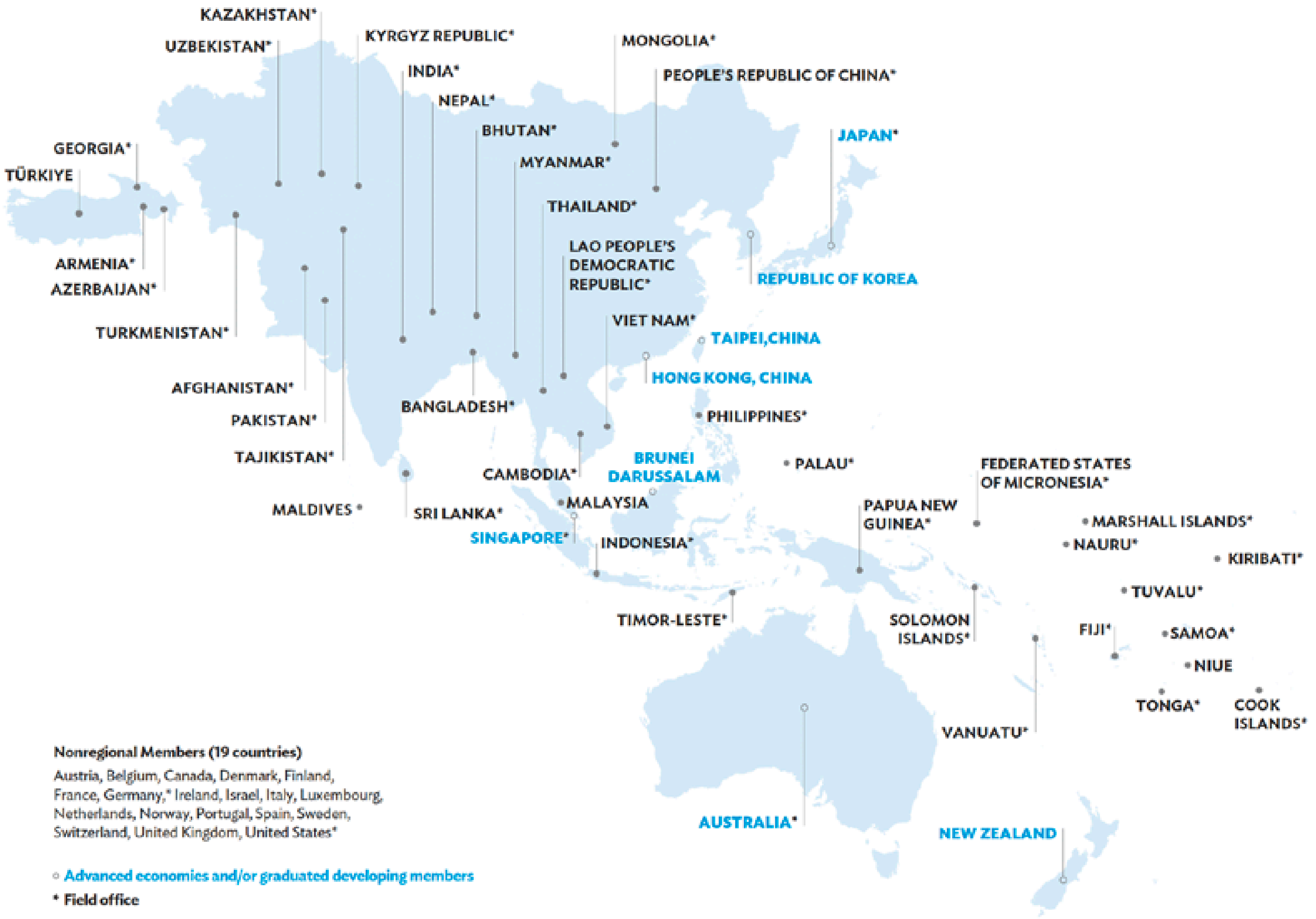
Working with its members and partners to solve complex challenges together, ADB harnesses innovative financial tools and strategic partnerships to transform lives, build quality infrastructure, and safeguard our planet.

About ADB

Founded in 1966, ADB is owned by 69 members— 50 from the region and 19 outside.

ADB is headquartered in Manila, Philippines, and has 43 offices around the world.

ADB Membership



Nonregional Members (19 countries)
Austria, Belgium, Canada, Denmark, Finland, France, Germany,* Ireland, Israel, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom, United States*

○ Advanced economies and/or graduated developing members
* Field office

Strategy 2030 Midterm Review: A Snapshot

$29.3B
Total ADB Operations

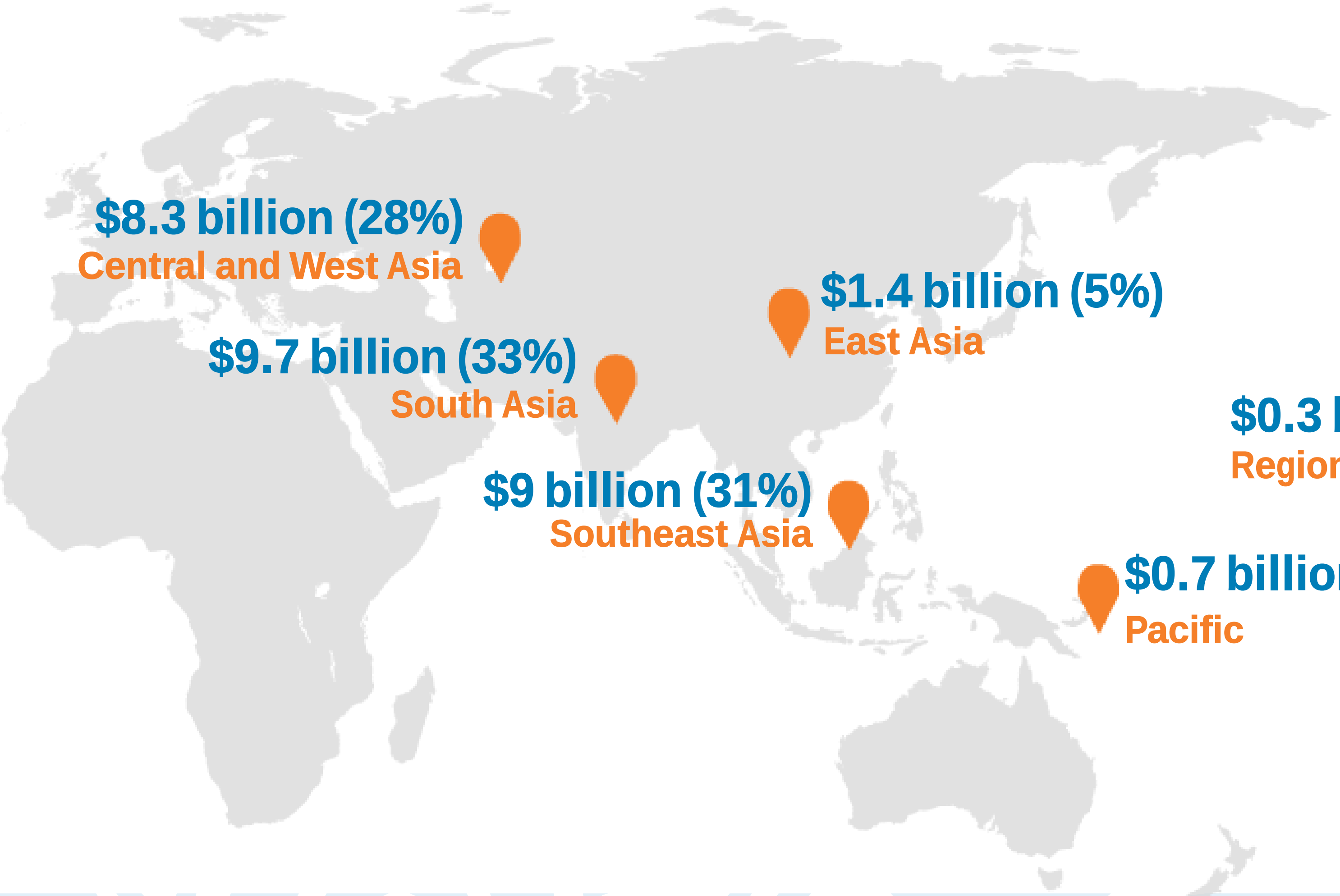
$23.5B | Public Sector

$5.5B | Private Sector

$286M | Technical Assistance

$14.7B
Cofinancing from partners

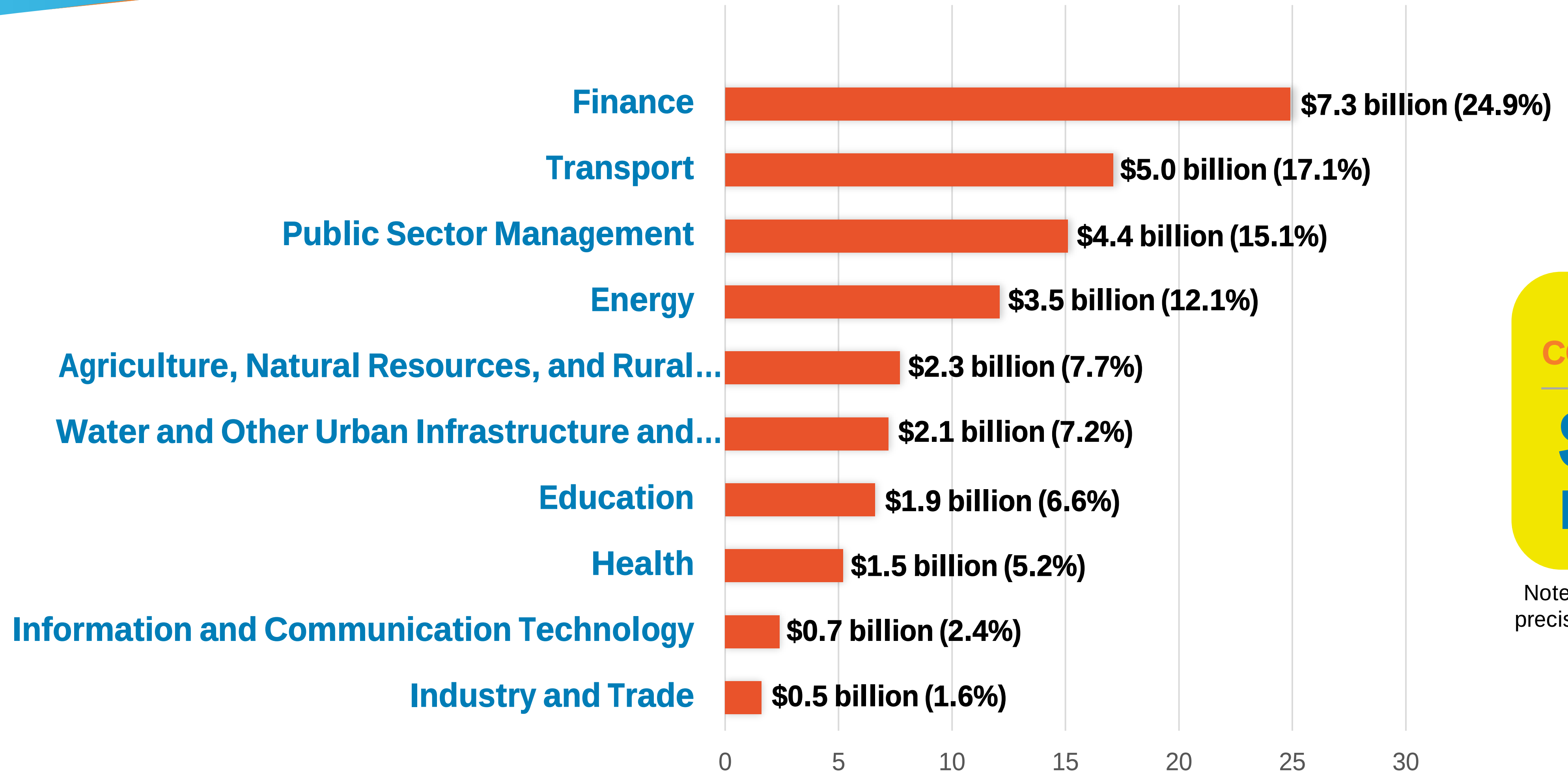
Commitments by Region



TOTAL 2025 COMMITMENTS

$29.3 BILLION

Commitments by Sector



TOTAL 2025 COMMITMENTS

$29.3 BILLION

Note: Numbers may not sum precisely because of rounding.

Strategy 2030 Midterm Review: A Snapshot

Solving challenges together, connecting the region, and empowering people for dynamic economies and a healthy planet

Climate action :
More than $100 billion in cumulative climate finance (2019-2030) and for climate finance to reach 50% of the total committed financing volume, by 2030

Private sector development :
$13 billion of ADB's own account financing and all direct mobilization, including a minimum of $4.5 billion in direct private capital mobilization, and 40% of sovereign operations contributing of PSD, by 2030

Regional cooperation and public goods :
30% of operations contributing to RCI, including those supporting public goods by 2030

Digital transformation :
Operations supporting digital transformation expected to grow year over year across sovereign and nonsovereign operations

Resilience and empowerment:
60% gender mainstreaming across sovereign and nonsovereign operations and 75% of operations supporting poverty reduction and inclusiveness, by 2030

HOW DO WE GET THERE?	
Guiding principles for operations: Country-focused approach • Integrated solutions • Innovative technology	**ADB Transformation Program (New Operating Model):** Finance • People • Systems and Processes

ADB’s Commitment to Climate Change

ü Responding to the climate crisis, ADB commits for its climate finance to reach 50% of the total annual committed financing volume by 2030. This will ensure a cumulative achievement of more than $100 billion in climate finance from 2019 to 2030. Also 75% of project numbers will support mitigtion/adaptation by 2030 (already achieved).

ü ADB has fully aligned its sovereign and nonsovereign operations with the goals of the Paris Agreement (since 1 July 2023).

For more: ADB’s Work on Climate Change and Disaster Risk Management
ADB’s Corporate Results Framework 2025-2030

Climate Change Financing at ADB

In 2024, ADB committed **$12,280 million** in climate finance.

- $7,409 million (60.3%) is expected to contribute to climate change mitigation,
- $4,871 million (39.7%) to climate change adaptation.

ADB provided **$11,176 million** from its own resources and mobilized **$1,104 million** from external resources.

Source: Asian Development Bank.

Capital Adequacy Framework (CAF) reform unlocks further ADB funding.

Transport sector operations

ADB

Solving Complex Challenges Together

Operations in Transport Sector

Priorities and Directions

Vision

- To **mobilize efficient, clean,** and **resilient** integrated multimodal transport and logistics systems for safe mobility for all

Key Opportunities

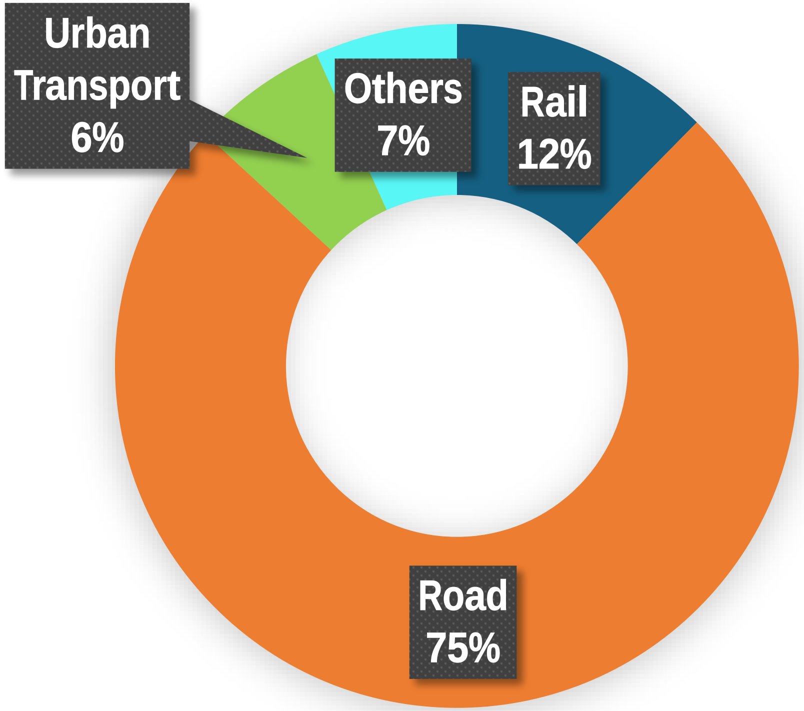
- Physical and digital integration of modes as part of a managed transport ecosystem
- Transformative pathways to low carbon transport systems: shift to low-carbon and energy-efficient modes and e-mobility
- Green and digital logistics for international gateways (sea and land)
- Private-sector financing for complex solutions, operations & maintenance, logistics centers, and transit-oriented development



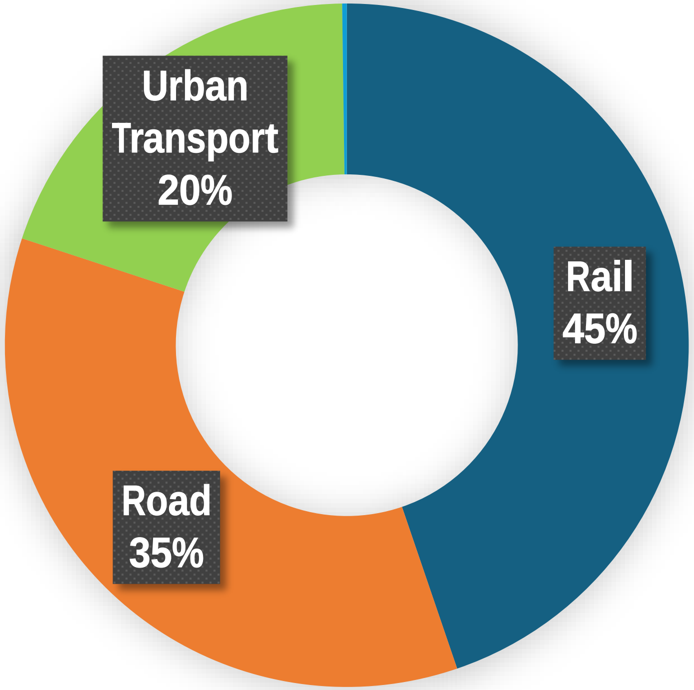

Operations in Transport Sector

Priorities and Directions – Subsector Shift

2010 Commitments by TRA Subsector



2025 Commitments by TRA Subsector



Operations in Transport Sector

Priorities and Directions – Climate Shift

Climate Finance: $1.0 billion in 2024

Developing projects in innovative areas to enhance climate impacts in the transport sector

- Maritime decarbonization
- New fuels (hydrogen, sustainable aviation fuel)
- System electrification
- Mass transit
- Greening railways
- Urban e-mobility

Operations in Transport Sector

Priorities and Directions – Private Sector Shift

- Strategic focus areas for private sector
  - Greening/electrification of port and airport facilities
  - Decarbonization measures for aviation
  - E-mobility
  - Cross-border/regional cooperation
- Action areas
  - Contribution of sector knowledge and expertise
  - Complementing sovereign initiatives to maximize impact on the sector
  - Assistance with project development and implementation of private-sector nonsovereign projects
  - Co-leading nonsovereign projects with upstream linkages

Operations in Transport Sector

Priorities and Directions – Solution Shift

- Multisectoral opportunities with other sector offices
  - Transit oriented development (water & urban development)
  - Smart mobility (water & urban development; energy)

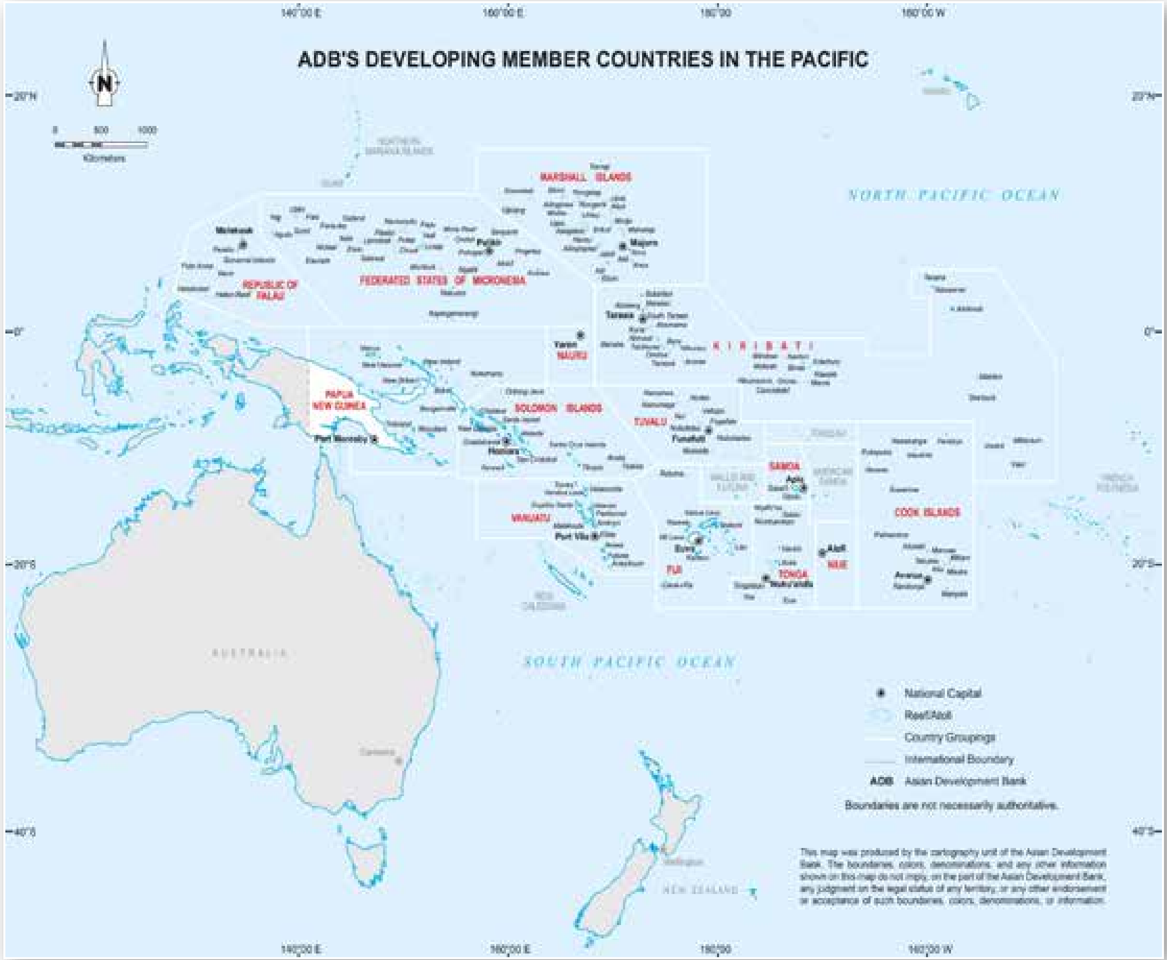
- Developing digital projects to improve operations efficiency
  - Digitization of asset management
  - Smart mobility
  - Logistics centers

Maritime transport operations in the Pacific

Solving Complex Challenges Together

14 Developing Member Countries in the Pacific

- Cook Islands
- Federated States of Micronesia
- Fiji
- Kiribati
- Marshall Islands
- Nauru
- Niue
- Palau
- Papua New Guinea
- Samoa
- Solomon Islands
- Tonga
- Tuvalu
- Vanuatu



Pacific Approach 2021–2025 – Transport Sector Focus

Target	Key Focus Area
Delivering Sustainable Services	**Quality infrastructure** • Overcome ‘build, neglect, rebuild’ patterns • Provide long-term sector support for assets sustainability • Support climate mitigation measures • Align with Paris Agreement **Connectivity** • Support the provision of transport connectivity for socioeconomic activities • Strengthen intermodal transport and ICT • Improve transport safety and security

Pacific Approach 2021–2025 – Transport Sector Focus

Target	Key Focus Area
Enhancing Climate and Disaster Resilience	**Climate Resilience** • Support climate change adaptation measures • Strengthen institutional capacity of addressing climate change **Disaster Risk Reduction** • Support disaster risk management • Support region’s and/or individual country’s response to disasters • Expanding climate change support

Regional Strategy

The **outer islands** that need access to resources and opportunities in cities.

Construction of **small wharves and jetties** connecting people on the outer islands.

Ports as primary gateway causes increase in cost and time in logistics and trade.

Upgrading to **larger and more efficient ports**

Ferry plying islands, operated by the government, needs replacement along with safety improvement.

Procurement of **new ferry** meeting international standards

Strengthening **institutional capacity** including **reform**
Increasing resilience to **natural disasters** and the effects of **climate change**.

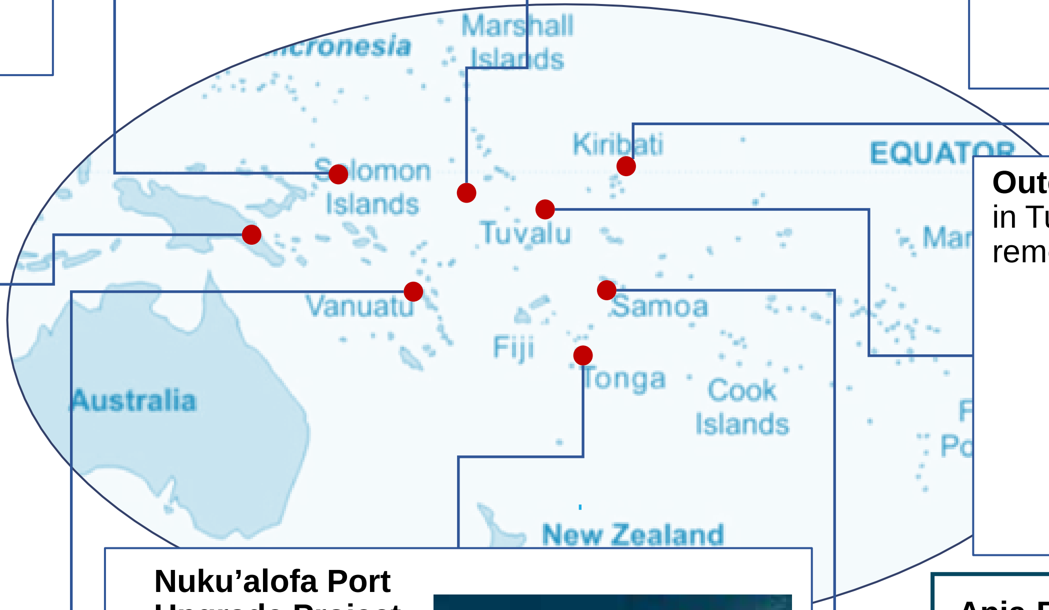
Major Ongoing Projects

Land and Maritime Connectivity Project in Solomon Islands. Construction of **2 rural wharves** and reconstruction of **Honiara port.**

Sustainable and Climate-Resilient Connectivity Project in Nauru to construct a **new port facility.**

Outer Island Transport Infrastructure Investment Project in Kiribati. Construction of **outer island access infrastructure.**

Maritime and Waterways Safety Project in Papua New Guinea to upgrade the country's **navigational aids** network.



Outer Island Maritime Infrastructure Project in Tuvalu to **construct small harbors** in remote locations.

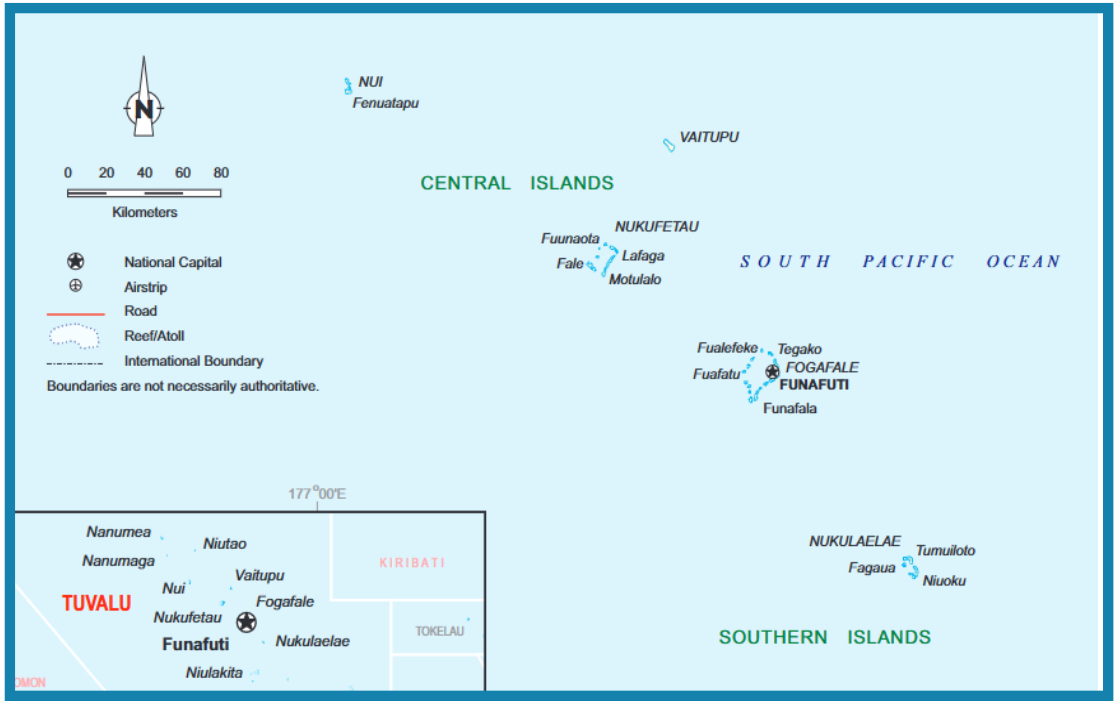
Wharf Road Earthquake Recovery Emergency Assistance project in Vanuatu to support repair the road damaged by the earthquake

Nuku'alofa Port Upgrade Project to **rehabilitate and expand** the international port.

Apia Port Project in Samoa to **reconstruct and strengthen** the breakwater, yard and complementary services.

Project Snapshots

Tuvalu: Strengthening Domestic Shipping Project



BASIC DATA

Approval	15 September 2022
Project closing date	31 March 2030
Grant Amount	US$ 30 million
Implementation Agency	Ministry of Transport, Energy and Tourism (MTET)

Project scope

1. Replacement of existing passenger and cargo ship
2. Rehabilitation of port auxiliary infrastructure
3. Strengthening MTET's operation and maintenance capacity for better maritime sector operation

Project Snapshots

Tuvalu: Strengthening Domestic Shipping Project

Project status

1. A new passenger and cargo ship (Manu Sina) arrived at Funafuti on 1 April 2025, and the arrival ceremony was held on 2 April 2025. For safety in ship operation, training was provided to relevant government officials and crew staff.
2. Fenders have been installed at the Funafuti port.
3. Capacity development component (operation and maintenance enhancement and associated training to relevant staff) has been substantially completed.

Delivery of Manu Sina

Replacement of fenders

Before rectification

After rectification

Project Snapshots

Solomon Islands: Land and Maritime Connectivity Project

BASIC DATA

Approval	4 June 2021
Project closing date	3 June 2031
Financing Amount	US$ 158.88 million (planned/US$98.88 million committed)
Implementation Agency	Ministry of Infrastructure Development

Project scope

1. Rehabilitation of road infrastructure, 35.7 km in three sections (i) White River to Town Ground (ii) Town Ground to Honiara City Council and (iii) Mendana Highway
2. Construction of disaster-resilient maritime infrastructure (Honiara Port and Ahanga and Kira Kira wharves)
3. Strengthening MID's asst maintenance capacity through infrastructure lifecycle

Project Snapshots

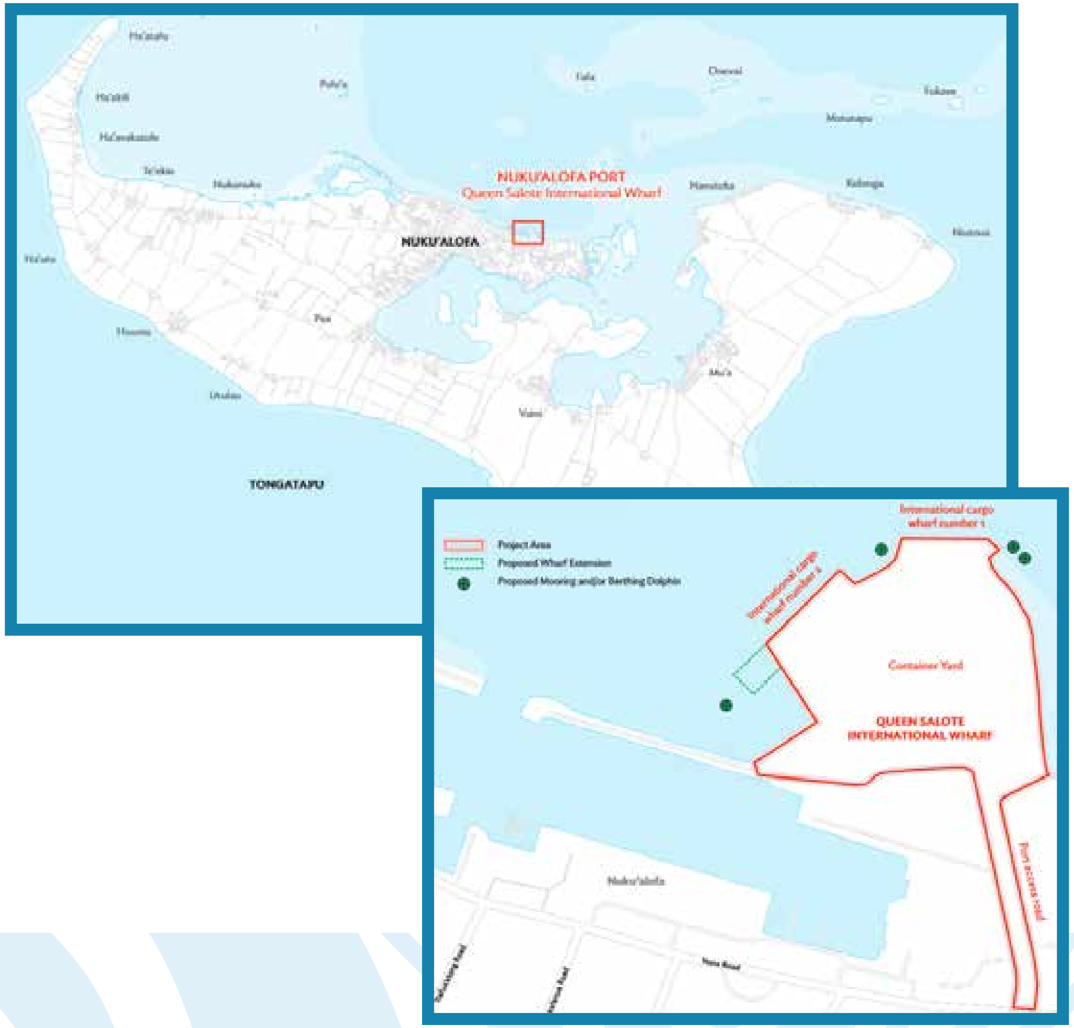
Solomon Islands: Land and Maritime Connectivity Project

Project status

1. Land component: Road rehabilitation works expected to be completed in the first quarter of 2026
2. Maritime component:
   - Kira Kira and Ahanga Wharves: Construction expected to be completed in 2026
   - Honiara Port: Detailed design review ongoing. Works expected to commence in 2026
3. Institutional component: Consultant mobilized in 2025; implementation ongoing.

Project Snapshots

Tonga: Nuku’alofa Port Upgrade Project



BASIC DATA

Approval	3 December 2020
Project closing date	31 December 2026
Financing Amount	ADB: US$ 55 million Australia: US$ 20 million
Implementation Agency	Ministry of Infrastructure

Project scope

1. Rehabilitation of international cargo wharves in the Nuku’alofa Port
2. Extension of international cargo wharf No. 2 and supporting infrastructure
3. Improvement of port operations and management through formulating a gender equality policy, reviewing operational efficiency, implementing an asset management plan, and
   providing training in the relevant areas

Project Snapshots

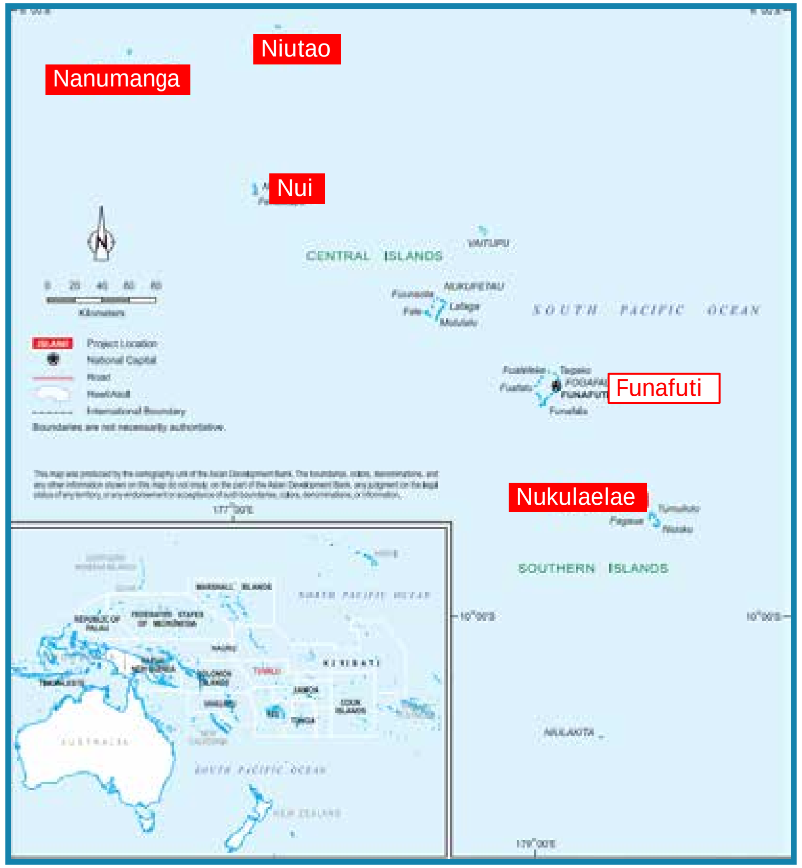
Tonga: Nuku’alofa Port Upgrade Project

Project status

1. Civil works: Overall completion is expected in October 2025.
2. Several supporting facilities and equipment are being delivered and installed at the site for operational safety and efficiency.
3. Institutional component has been completed (various training provided on operational and maintenance; asset maintenance plan, port security plan and gender equality policy developed)

Project Snapshots

Tuvalu: Outer Island Maritime Infrastructure Project



BASIC DATA

Approval	Original: 16 November 2016 Additional financing : 13 September 2018 Additional financing 2: 3 December 2020 Additional financing 3: 1 December 2023
Project closing date	30 June 2028
Financing Amount	ADB: US$61.7 million Australia: US$15.0 million GEF-Least Dev. Fund: US$0.5 million
Implementation Agency	Ministry of Public Works, Infrastructure, Development, and Water

Project scope

1. Construction of small harbors and boat ramps
2. Capacity Development for operation and maintenance
3. Masterplan for harbour development

Project Snapshots

Tuvalu: Outer Island Maritime Infrastructure Project

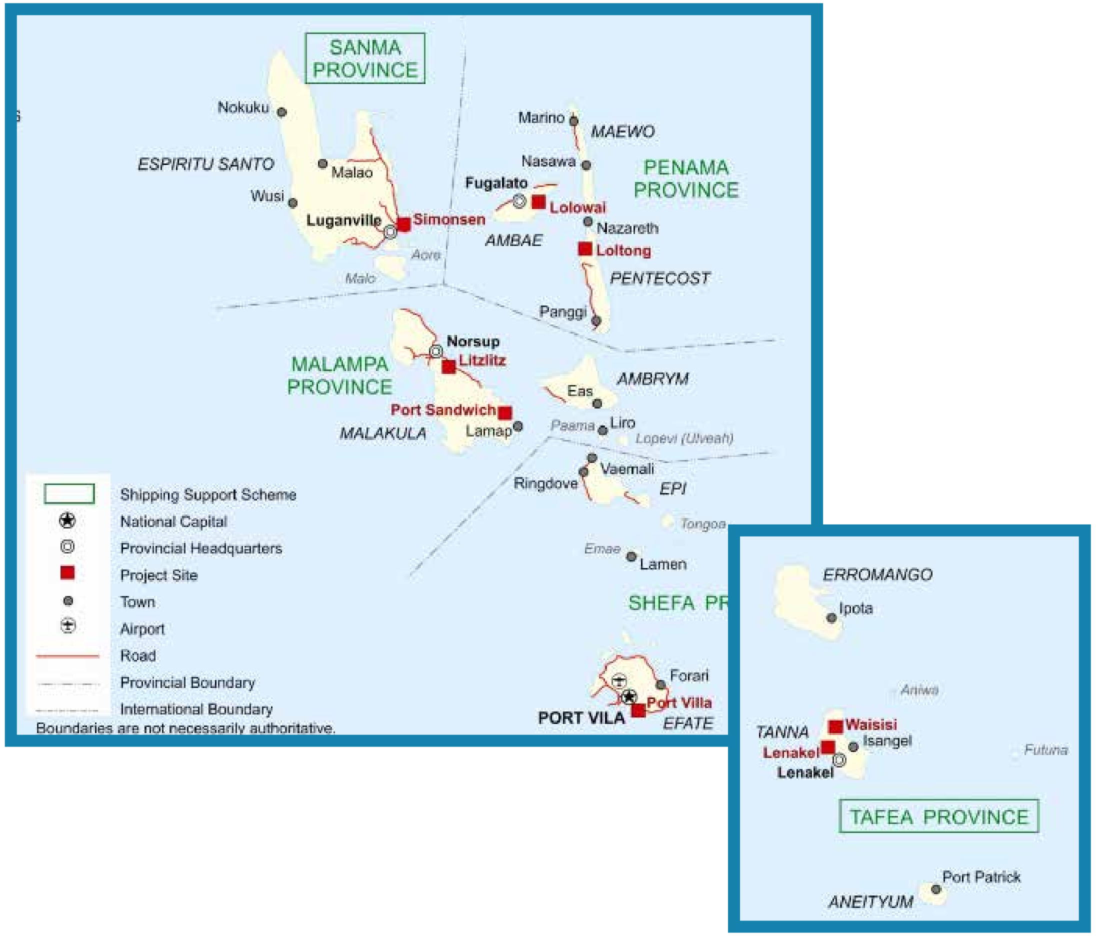
Project status (targeting project closure within 2026)

1. Harbour constructed in Nukulaelae, Nui, and Niutao islands
2. Operation and maintenance manual was developed together with training of government officials
3. The Masterplan was finalized

Thank you very much

Project Snapshots

Vanuatu: Interisland Shipping Support Project (completed)



BASIC DATA

Approval	Original: 30 November 2011 Additional financing: 27 February 2015
Project closing date	31 December 2024
Financing Amount	ADB: US$29.3 million New Zealand: US$23.5 million
Implementation Agency	Ministry of Infrastructure and Public Utilities and Vanuatu Project Management Unit

Project scope

1. Improvement of water transport infrastructure in urban and rural areas (construction of a new wharf in Port Vila and repair works and reconstruction of wharves in Tanna and Malekula)
2. Establishment of shipping support and coordination schemes

Project Snapshots

Vanuatu: Interisland Shipping Support Project (recently completed)

Project status

1. South Paray domestic wharf at Port Vila constructed
2. Repair work at Litzlitz and Lenakel wharves completed
3. Shipping support provided to domestic shipping routes to remote islands