

An aerial photograph of a coastal town and harbor. The town is built on a hillside overlooking the water. The harbor is filled with several large cargo ships and smaller boats. In the background, there are mountains under a cloudy sky. The text is overlaid on the image.

Pacific Infrastructure



The Infrastructure Pipeline and Climate and Disaster Resilience

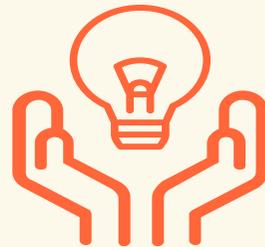
Dr. Robert Guild – Pacific Region Infrastructure Facility

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Driving deeper visibility of upcoming Infrastructure projects



1. What is a consolidated infrastructure pipeline and what are we trying to achieve?



2. Three lenses on infrastructure opportunities



3. Summary of the consolidated infrastructure pipeline outputs

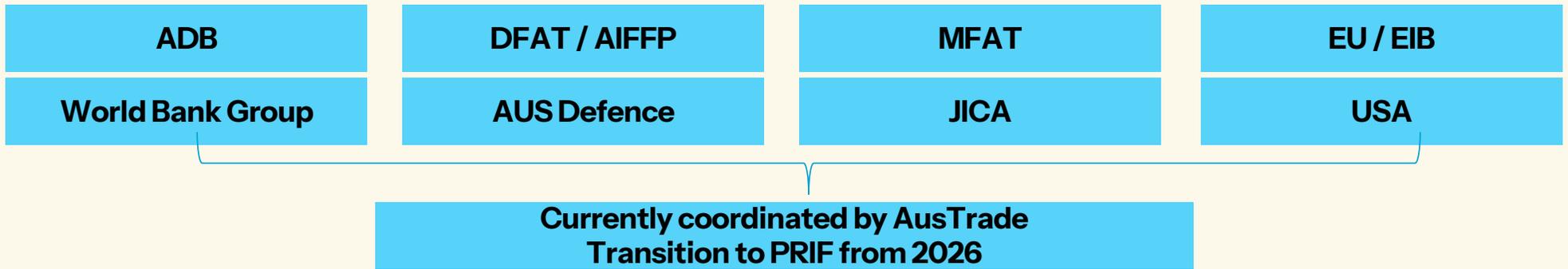


4. Climate and disaster resilience

1. What is a consolidated infrastructure pipeline and what are we trying to achieve?



Who is involved and what is included?



What is included in the pipeline:



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Components of the consolidated pipelines

Short term

The immediate pipeline includes confirmed procurement opportunities going to market in the next 12-18 months.

PRIF

The PRIF Partner pipeline looks out about 3 years including projects in development that are included in partner funding strategies.

NIIPs

The longer-term NIIP pipeline includes projects that are national priorities seeking funding, often with a 3-5+ year horizon.

notes

1. The pipeline is not exhaustive – some projects and territories not included
2. Projects and packages are subject to change
3. Database integration is challenging

3. Summary of the consolidated infrastructure pipeline outputs



The immediate pipeline - consolidated

US\$2.0B

in package value

652

of packages



Capital works – 309 packages



Equipment – 30 packages



Consulting – 307 packages



Other – 8 packages

US\$3.1M
Average package value

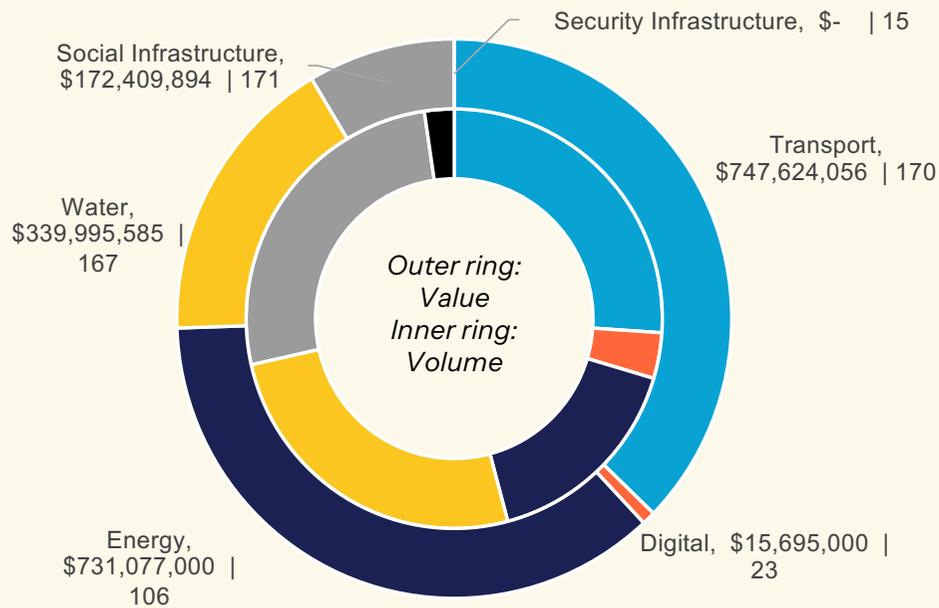
US\$230,000
Median package value

3. Summary of the consolidated infrastructure pipeline outputs



The immediate pipeline - by sector

Package volume and value by sector



Key highlights

There are four main sectors in the pipeline:
transport, energy, water, social infrastructure.

Transport is 37% of immediate opportunities, at \$748M
with high average package value

Energy is 36% of immediate opportunities, at \$731M
also with high average package value

Water and sanitation is 17% at \$340M, with smaller packages

Social infrastructure (public buildings, schools, health care) **is 9%, at \$172M,** with smaller packages

3. Summary of the consolidated infrastructure pipeline outputs



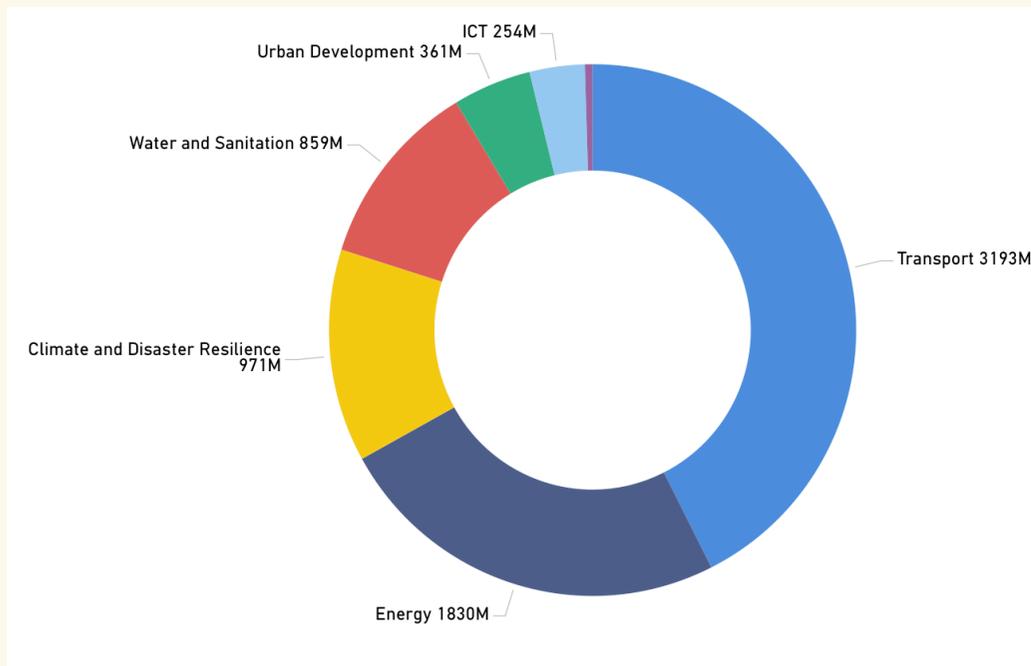
The immediate pipeline - funding source

	US\$ packages	# of packages
ADB	\$983M	516
EU / EIB	\$453M	13
DFAT / AIFFP	\$350M	15
World Bank	\$243M	89
MFAT	\$23M	4

3. Summary of the consolidated infrastructure pipeline outputs

PRIF partner pipeline by sector : about 3 years

Project value by sector



Key highlights

PRIF partners (ADB, DFAT, EU, EIB, JICA, MFAT, WBG, US) provide about 80% of external finance for infrastructure in the Pacific region

Total expected value 2025-2029 = \$7.6 billion

Transport is at 42%, Energy is at 24%, dedicated climate and disaster resilience is at 13%

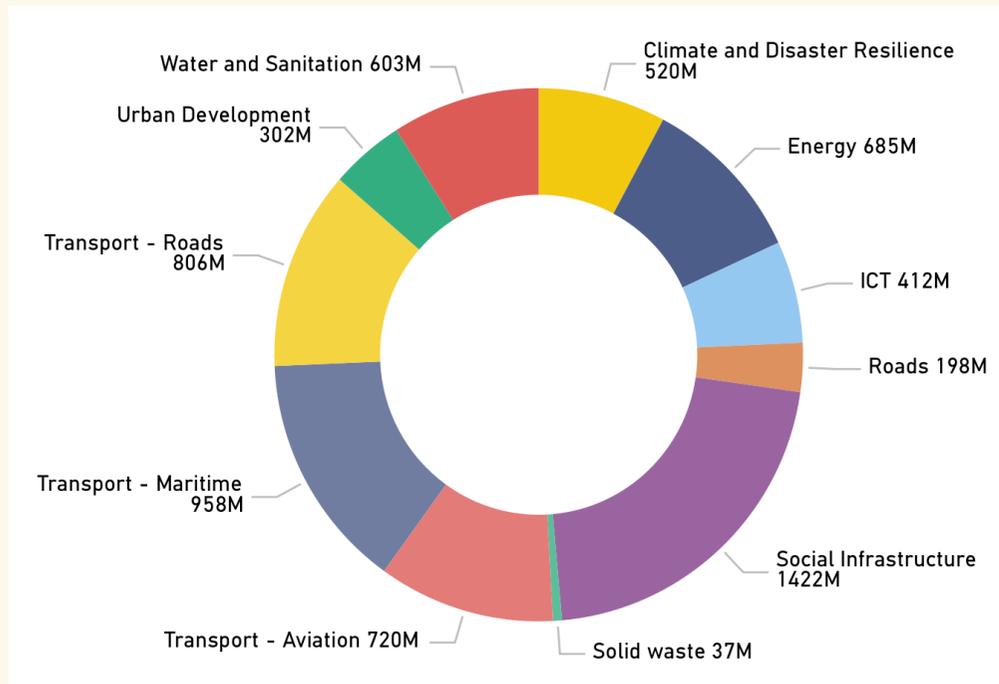
57% of investments have a primary or secondary category of climate and/or disaster resilience

3. Summary of the consolidated infrastructure pipeline outputs

NIIPs by sector - 3-5 years

Project value by sector

Key highlights



National Infrastructure Investment plans represent government priorities for forward planning

Total value seeking funding = \$6.7 billion

Sector priorities remain constant in proportion

3. Summary of the consolidated infrastructure pipeline outputs



Infrastructure funding for climate and disaster resilience – key insights

Overall

- 102 projects, USD 3.99 billion, about 3 years
- Climate adaptation = 64%
- Climate mitigation = 16%
- Disaster risk management = 20%

By country

- PNG expected to receive about 1/2 of all new infrastructure finance.
- Regional finance pools are important, around 1/4 of the total.

By type and sector

- Adaptation is USD 2.55 billion, 62% for new infrastructure, 62% for transport
- DRM is USD 820 million, mostly for new infra, 1/3 for response and management
- Mitigation is USD 630 million, nearly all for renewable energy

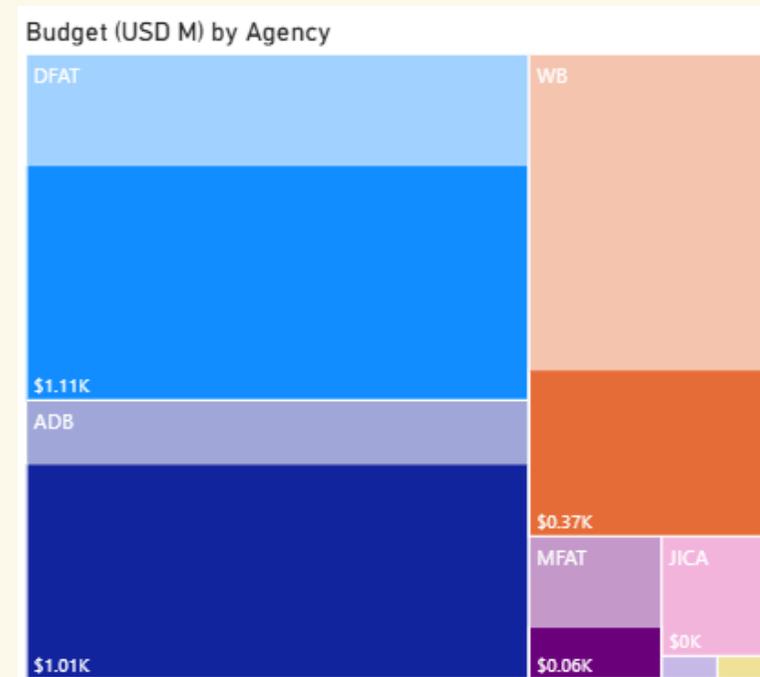
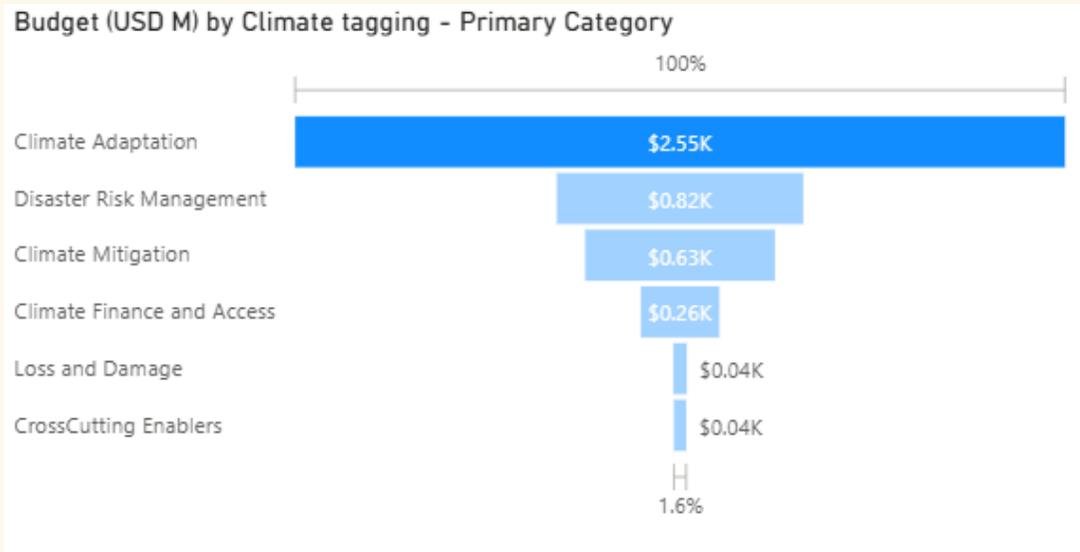
By source

- Australia is the largest provider of infrastructure finance overall.
- ADB is the largest provider in the region outside of PNG.
- The World Bank, MFAT, JICA, and EU are responsible for the balance

3. Summary of the consolidated infrastructure pipeline outputs



Infrastructure funding for climate adaptation



46 projects

USD 2.55 billion: DFAT 44% ADB 40% WB 15%

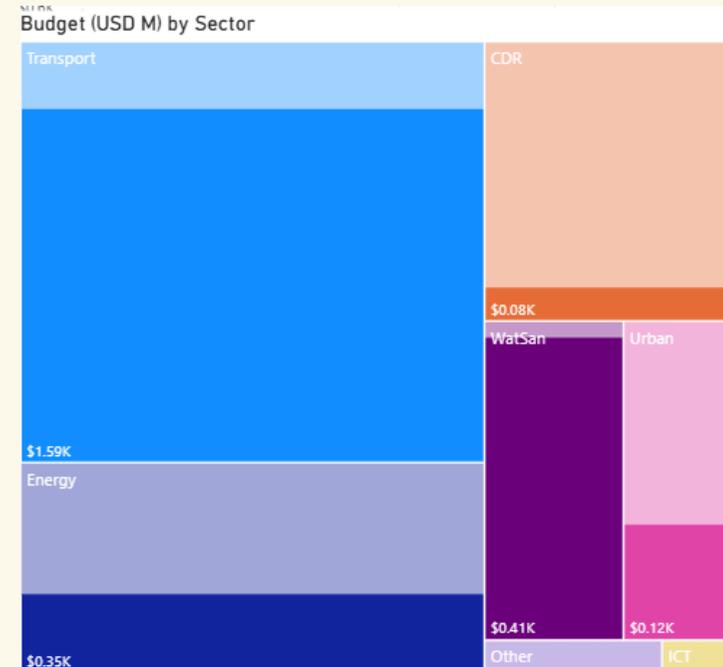
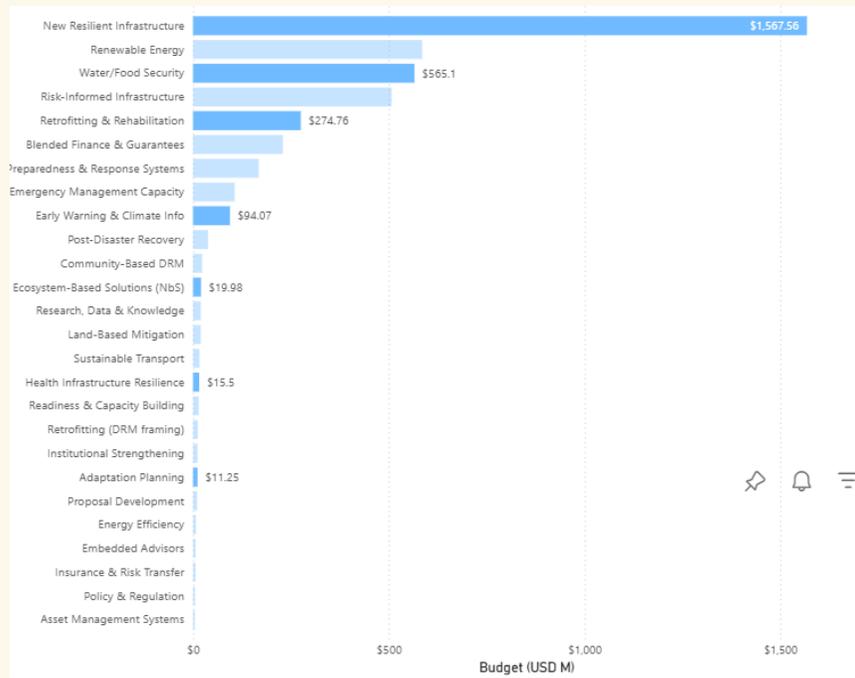
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3. Summary of the consolidated infrastructure pipeline outputs



Infrastructure funding for climate adaptation by type and sector



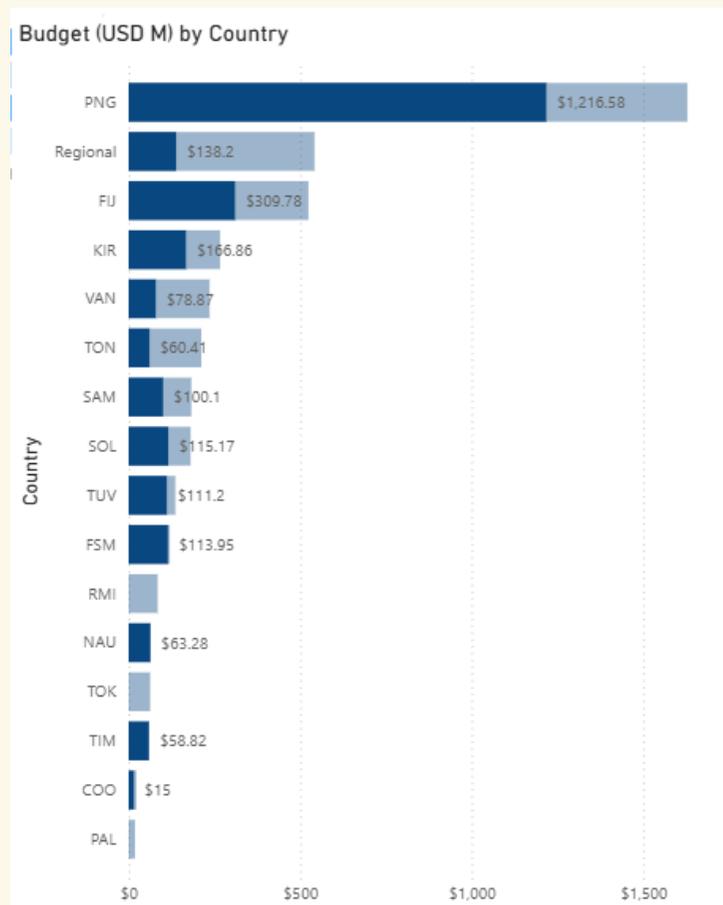
By type: new infra = 61%, water & food = 22%

By sector: transport = 62%, energy = 14%

3. Summary of the consolidated infrastructure pipeline outputs



Infrastructure funding for climate adaptation by country



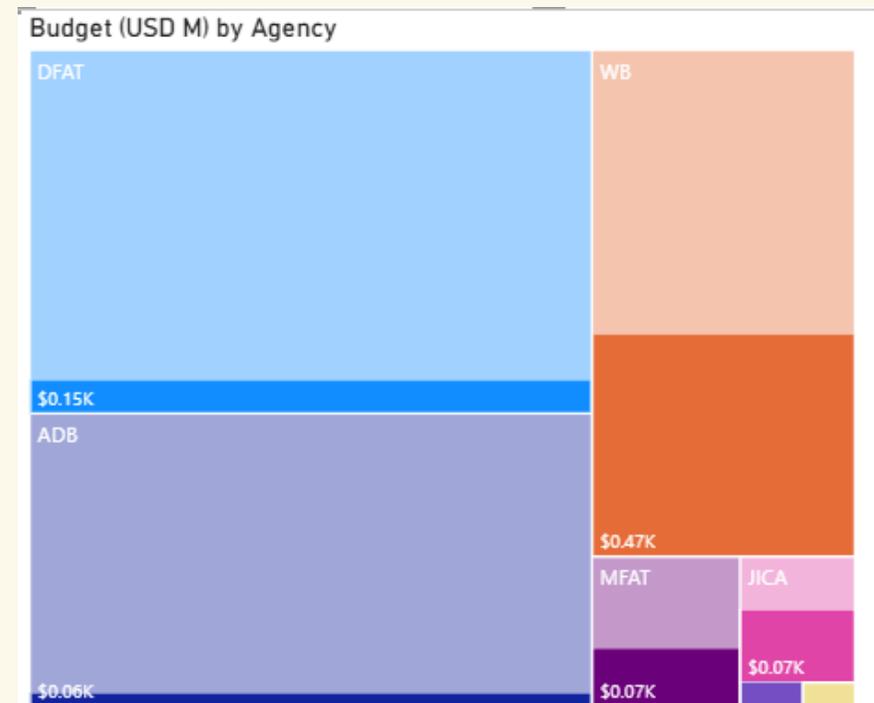
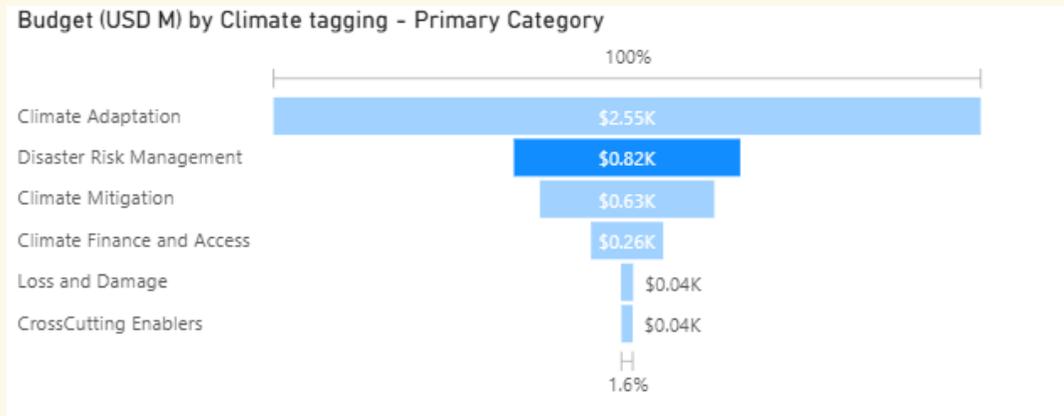
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3. Summary of the consolidated infrastructure pipeline outputs



Infrastructure funding for disaster risk management



USD 820 million, most for risk-informed infra, one third for response and management

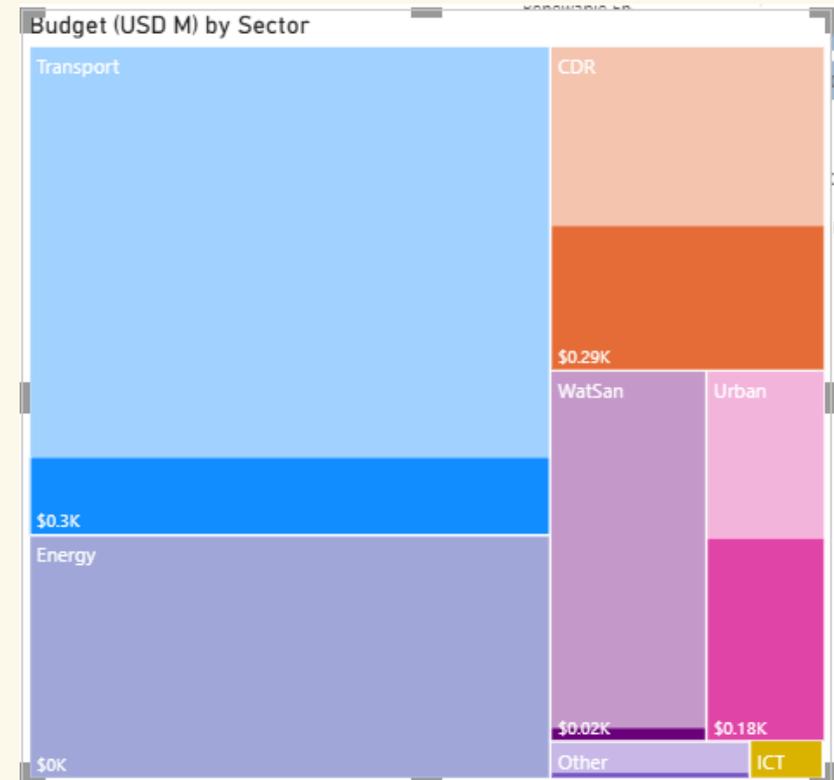
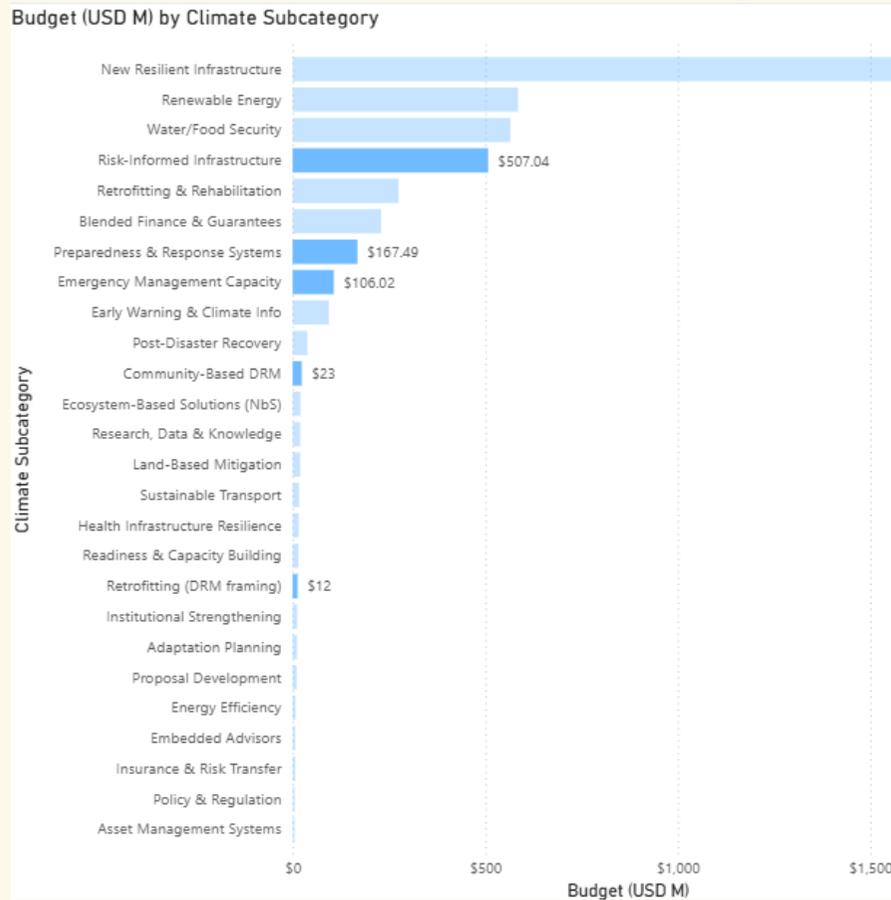
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3. Summary of the consolidated infrastructure pipeline outputs



Infrastructure funding for disaster risk management by type and sector



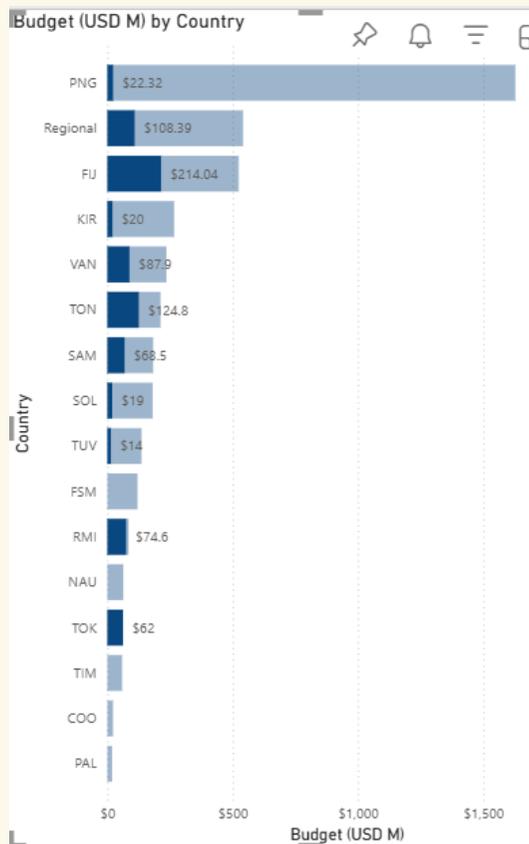
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3. Summary of the consolidated infrastructure pipeline outputs



Infrastructure funding for disaster risk management by country

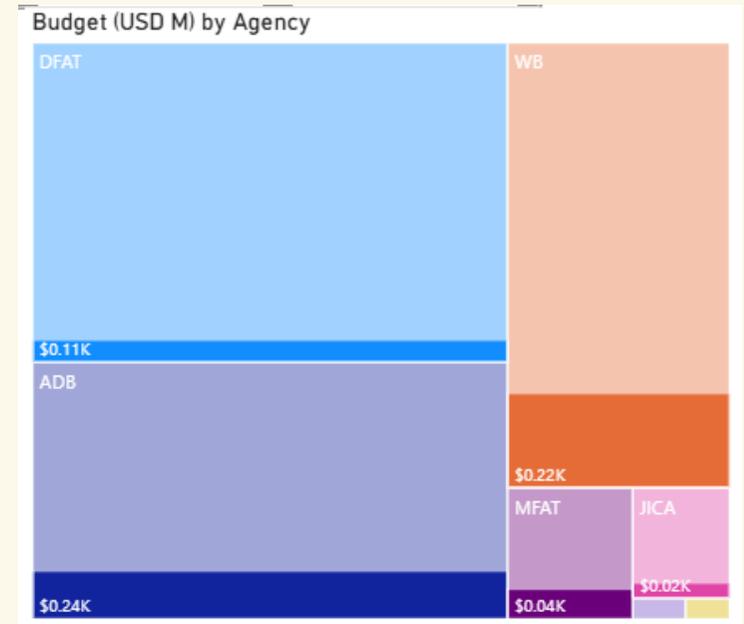
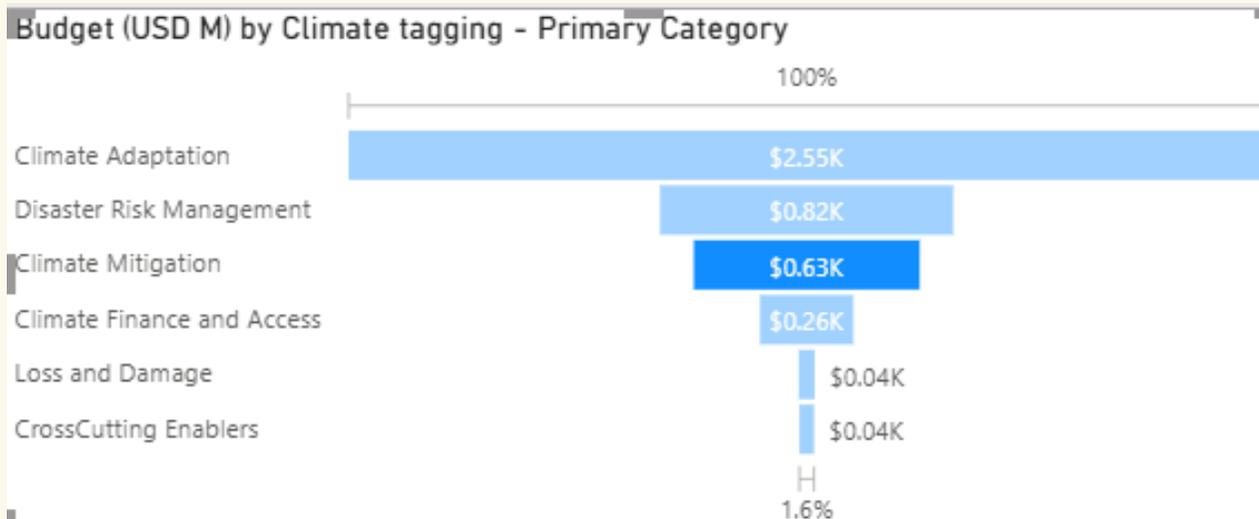


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3. Summary of the consolidated infrastructure pipeline outputs

Infrastructure funding for Climate mitigation

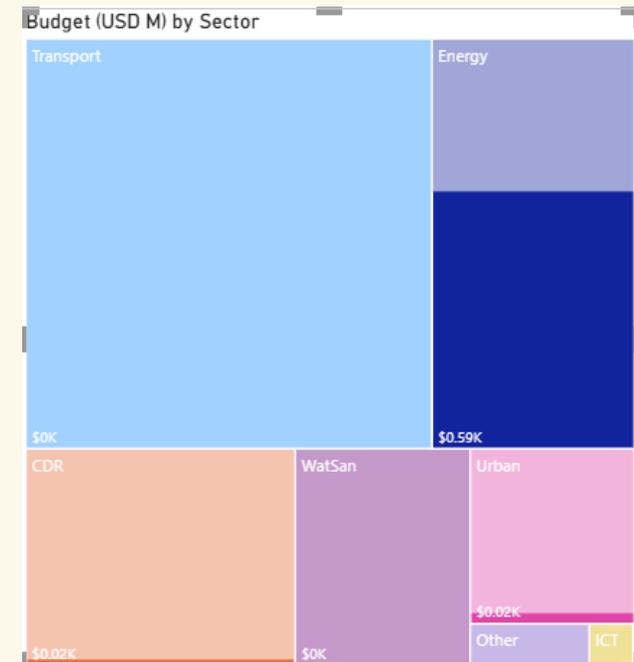
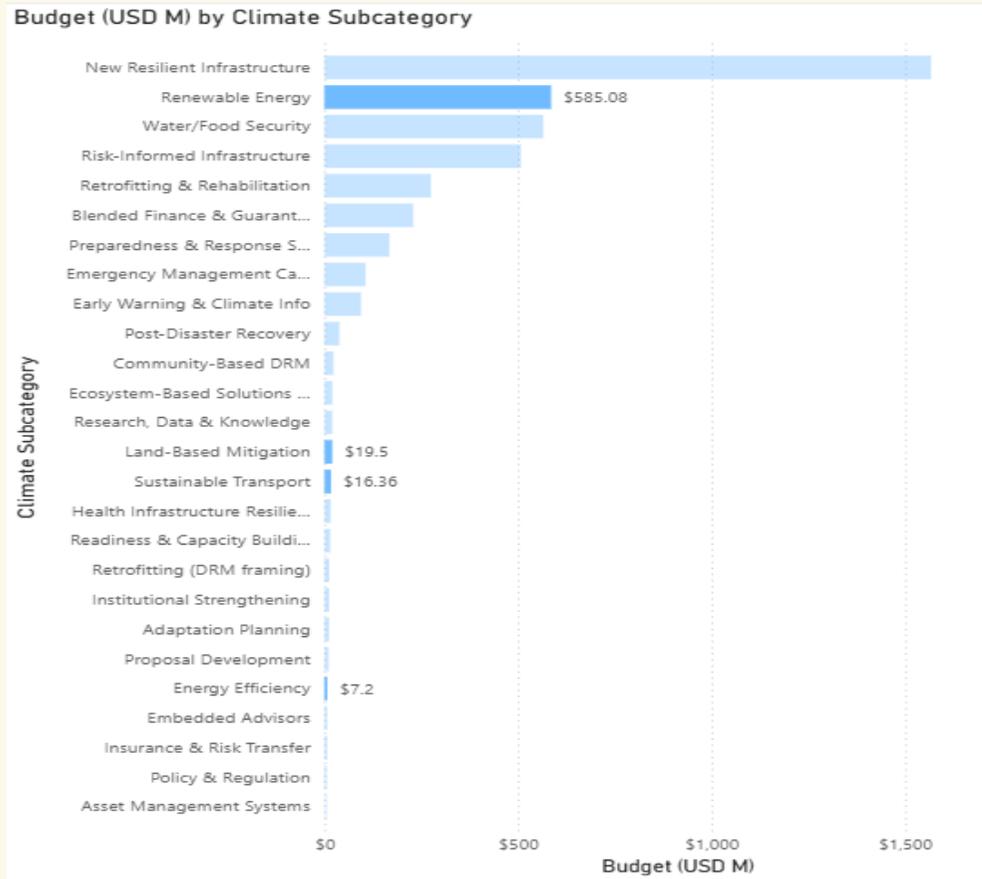


24 projects
USD 630 million

3. Summary of the consolidated infrastructure pipeline outputs



Infrastructure funding for climate mitigation by type and sector

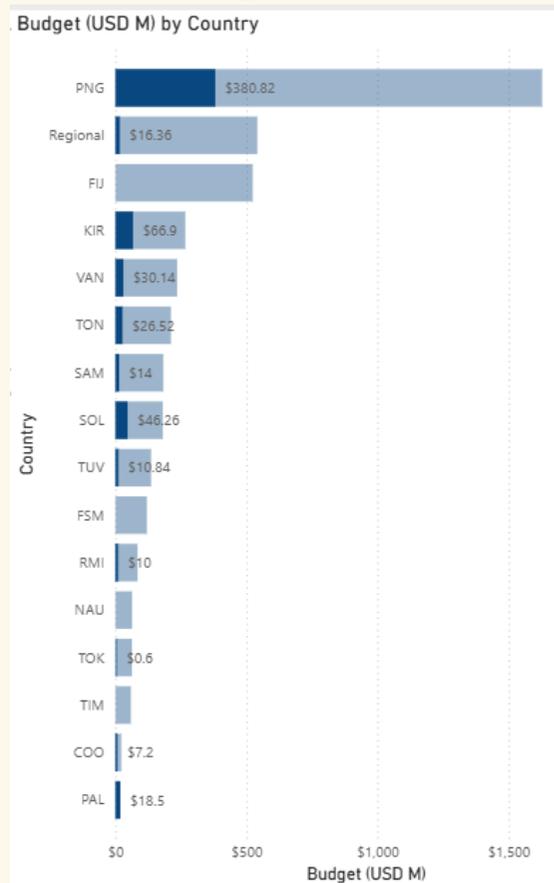


By type: renewables = 93%

3. Summary of the consolidated infrastructure pipeline outputs



Infrastructure funding for climate mitigation by country



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4. How the market-facing pipeline is evolving



WEBSITE DEVELOPMENT

Timeline and addresses

Integration

The three lenses on future opportunities will be located in once database, searchable by country, sector, type of procurement, and market approach.

Timeline

Available at the end of December 2025

Addresses

Now: suva@austrade.gov.au
Soon: www.pacificinfrastructure.org
Everything else: www.theprif.org

Annex 1

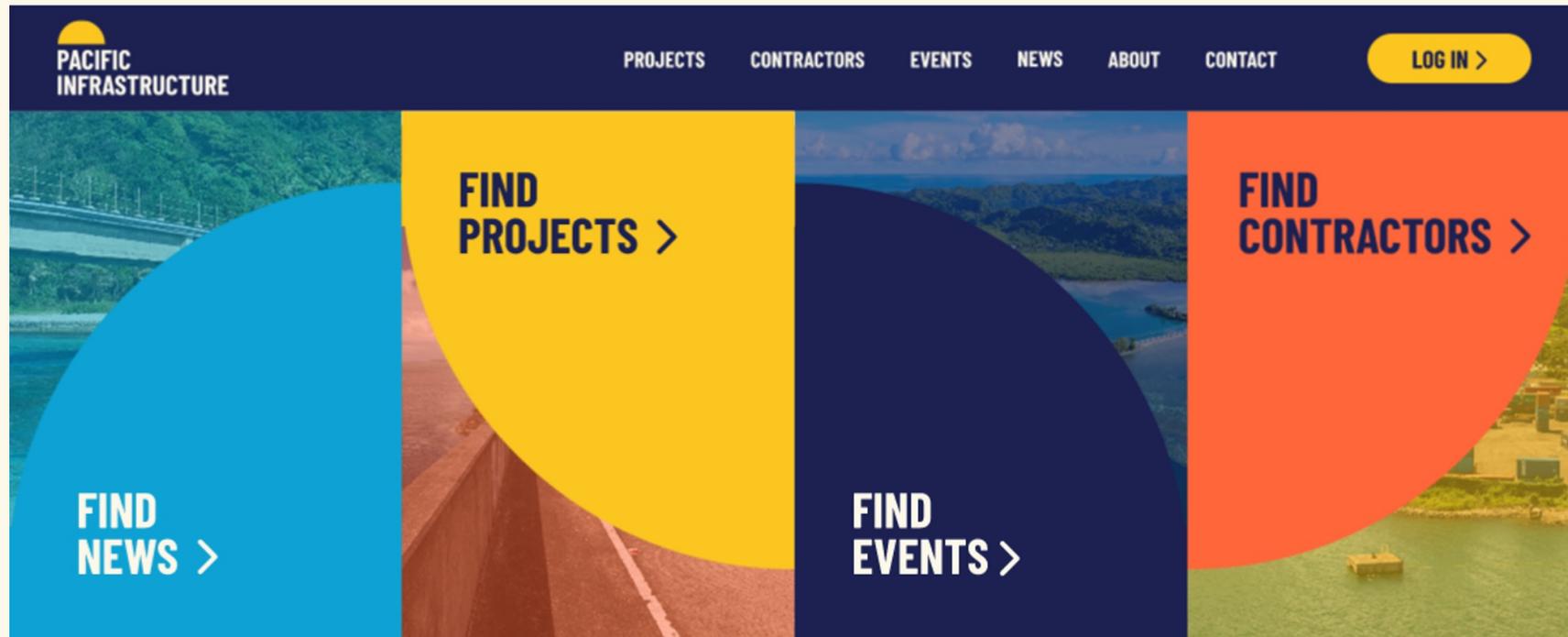
Pacific Infrastructure Pipeline – website development

Annex 2

Climate and Disaster Risk – category definitions

4. How the market-facing pipeline is evolving

WEBSITE DEVELOPMENT

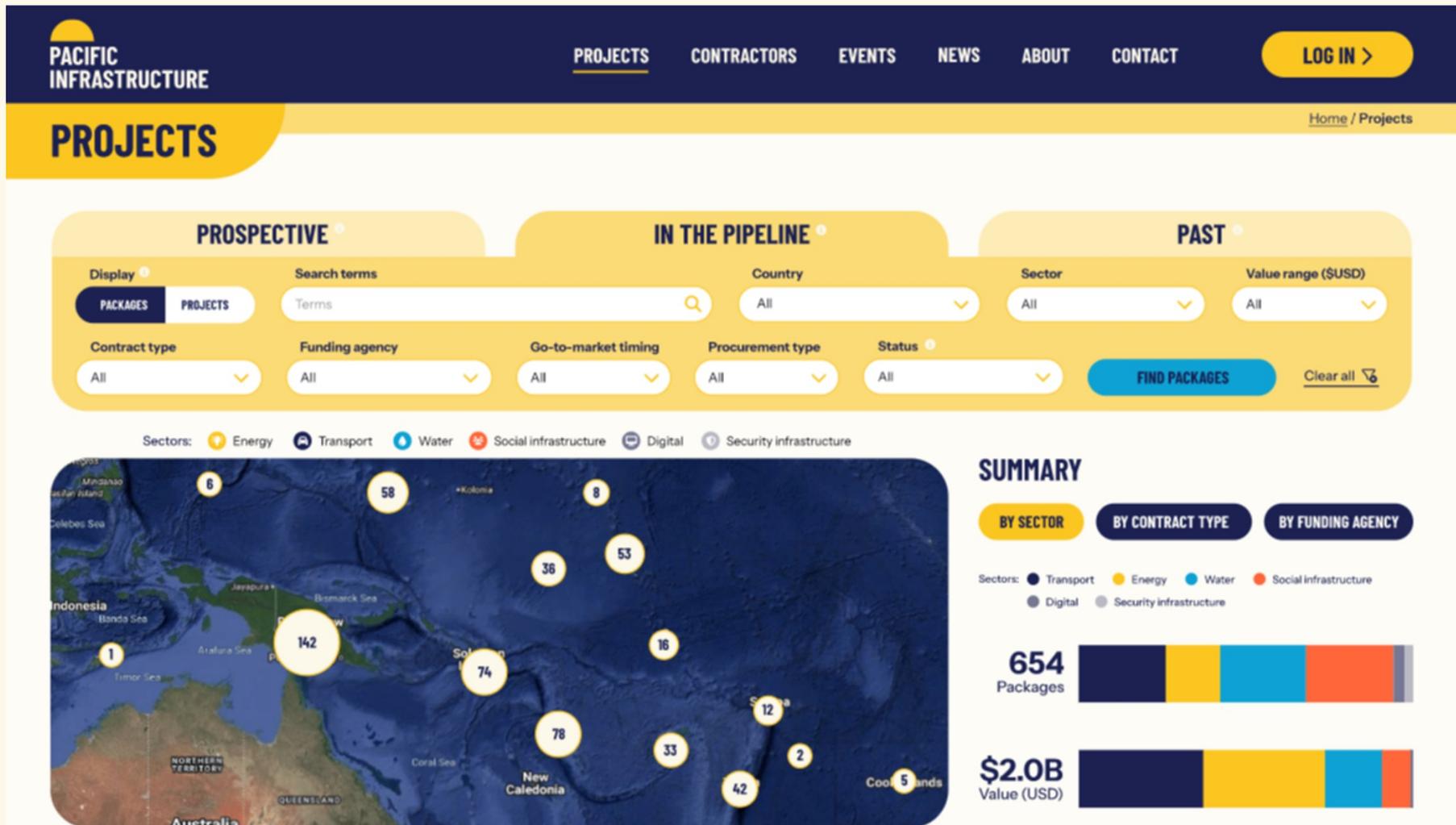


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4. How the market-facing pipeline is evolving

WEBSITE DEVELOPMENT



The screenshot displays the Pacific Infrastructure website's project pipeline interface. At the top, a dark blue navigation bar contains the company logo, a menu with 'PROJECTS' (underlined), 'CONTRACTORS', 'EVENTS', 'NEWS', 'ABOUT', and 'CONTACT', and a 'LOG IN >' button. Below this is a yellow banner with 'PROJECTS' and a breadcrumb 'Home / Projects'. The main content area features three filter tabs: 'PROSPECTIVE', 'IN THE PIPELINE', and 'PAST'. The 'IN THE PIPELINE' tab is active. Below the tabs is a search and filter section with fields for 'Display' (PACKAGES, PROJECTS), 'Search terms' (Terms), 'Country' (All), 'Sector' (All), and 'Value range (\$USD)' (All). A second row of filters includes 'Contract type' (All), 'Funding agency' (All), 'Go-to-market timing' (All), 'Procurement type' (All), and 'Status' (All). A 'FIND PACKAGES' button and a 'Clear all' link are also present. Below the filters is a map of the Pacific region with yellow circles indicating project counts in various areas. A 'SUMMARY' section on the right includes buttons for 'BY SECTOR', 'BY CONTRACT TYPE', and 'BY FUNDING AGENCY'. It shows a total of 654 Packages and \$2.0B Value (USD), with a legend for sectors: Transport, Energy, Water, Social Infrastructure, Digital, and Security Infrastructure.

PROSPECTIVE **IN THE PIPELINE** **PAST**

Display: **PACKAGES** PROJECTS Search terms: Terms Country: All Sector: All Value range (\$USD): All

Contract type: All Funding agency: All Go-to-market timing: All Procurement type: All Status: All **FIND PACKAGES** Clear all

Sectors: Energy Transport Water Social Infrastructure Digital Security Infrastructure

SUMMARY

BY SECTOR **BY CONTRACT TYPE** **BY FUNDING AGENCY**

Sectors: Transport Energy Water Social Infrastructure Digital Security Infrastructure

654 Packages

\$2.0B Value (USD)

4. How the market-facing pipeline is evolving

WEBSITE DEVELOPMENT

**PACIFIC
INFRASTRUCTURE**

[PROJECTS](#) [CONTRACTORS](#) [EVENTS](#) [NEWS](#) [ABOUT](#) [CONTACT](#) [LOG IN >](#)

[Home](#) / [Projects](#) / [Qaliwana HydroPower Plant](#) / Construction of the Qaliwana dam and hydropower plant (+22 MW);

PROJECTS

[BACK TO SEARCH](#)

PACKAGE

CONSTRUCTION OF THE QALIWANA DAM AND HYDROPOWER PLANT (+22 MW)

STATUS

Prospective **Planning & announced** Under procurement Awarded & dropped

Budget (USD)	Go-to-market timing	Procurement method
\$180 M	Q1 2027	Open tender
Sector	Contract type	Parent project
Energy	Capital works	Qaliwana HydroPower Plant
Lead funding agency		Implementing agency
European Investment Bank		Energy Fiji Limited (EFL)
Notes		
Tendering by implementing agency		

[MORE INFORMATION](#)

Location

 Viti Levu, Fiji



Primary Category	Sub-Category	Brief Description OFFICIAL
Climate Finance and Access	Readiness & Capacity Building	Activities to strengthen national institutions' capacity to plan, manage, and access climate finance, especially from multilateral sources (e.g., GCF readiness support).
	Proposal Development	Technical and financial support to design and submit fundable climate adaptation/mitigation project proposals.
	Direct Access Accreditation	Assistance in accrediting national institutions to directly access funds (e.g., GCF, AF).
	Embedded Advisors	Long-term climate finance advisors embedded in ministries or institutions.
	Blended Finance & Guarantees	Use of public finance to de-risk and leverage private sector investment in climate projects.
Climate Adaptation	New Resilient Infrastructure	Construction of new infrastructure designed to withstand climate change impacts (e.g., raised roads, coastal protection against sea level raise, etc).
	Retrofitting & Rehabilitation	Upgrading or modifying existing infrastructure to improve resilience to climate risks.
	Ecosystem-Based Solutions (NbS)	Use of natural systems (e.g., mangroves, reforestation) to reduce climate risks and build resilience.
	Early Warning & Climate Info	Climate <u>and</u> disaster early warning systems, forecasting, and data dissemination tools.
	Adaptation Planning	National or local planning instruments (e.g., NAPs, resilience strategies) that integrate climate risk.
	Water/Food Security	Initiatives that improve the resilience of agriculture, water supply, and food systems to climate shocks.
Climate Mitigation	Renewable Energy	Deployment of clean energy systems (solar, wind, hydro, etc.) to reduce emissions.
	Energy Efficiency	Upgrades to reduce energy consumption in buildings, transport, and industry.
	Sustainable Transport	Low-emission and climate-resilient transport solutions (e.g., EVs, public transport).
	Carbon Markets & MRV	Development of emissions trading, offsets, and measurement, reporting, and verification systems. Reduce methane or nitrous emissions.
	Land-Based Mitigation	Biodiversity, Reforestation, sustainable land management, and soil carbon initiatives.

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Primary Category	Sub-Category	Brief Description OFFICIAL
Disaster Risk Management	Risk-Informed Infrastructure	Infrastructure designed using hazard risk assessments (e.g., cyclone-proof schools, flood drainage).
	Preparedness & Response Systems	Emergency systems and services for early action and rapid response (e.g., shelters, SOPs).
	Community-Based DRM	Local-level preparedness and resilience initiatives involving communities.
	Emergency Management Capacity	Institutional strengthening for national and local emergency response.
	Risk Governance & Policy Integration	Integration of risk into planning, laws, and development policies (e.g., DRR mainstreaming).
	Retrofitting (DRM framing)	Structural upgrades to improve safety from disasters (e.g., seismic strengthening of hospitals/schools).
Loss and Damage	Insurance & Risk Transfer	Climate/disaster insurance and financial risk transfer instruments (e.g., Pacific Catastrophe Risk Insurance).
	Post-Disaster Recovery	Reconstruction and rehabilitation efforts following climate-related disasters.
	Non-Economic Loss & Displacement	Measures addressing loss of culture, heritage, and climate-induced migration/displacement.
	Data & Attribution Systems	Systems to track climate-related loss/damage and attribute events to climate change.
CrossCutting Enablers	Institutional Strengthening	Support for improving governance, coordination, and institutional capacity.
	Policy & Regulation	Development or reform of policies, strategies, and legal frameworks related to climate and DRM.
	Gender & Inclusion	Ensuring inclusive approaches and gender-sensitive design in climate and DRM initiatives.
	Regional Coordination	Multi-country or regional approaches to build shared resilience.
	Research, Data & Knowledge	Generation and sharing of evidence, tools, and knowledge products.
	Asset Management Systems	Tools, systems, and capacity to manage infrastructure assets over their lifecycle.
	M&E & Learning	Monitoring, evaluation, learning, and adaptive management for resilience programming.

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