



Pacific Island Capability

Together we create and sustain a better world



*North Pacific
Ocean*

Hawaii

Guam

Marshall
Islands

Micronesia

Palau

Nauru

Kiribati

Papua New
Guinea

Solomon Is.

Tuvalu

Samoa

Cook
Is.

French
Polynesia

Pitcairn Is.

Australia

New
Caledonia

Vanuatu

Fiji

Tonga

New
Zealand

*South
Pacific Ocean*

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Pacific Island capability

Developments in Pacific Island locations have demanding logistics and unique challenges for deployed professionals. Tonkin + Taylor International, part of the T+T Group of Companies is a specialist environmental and engineering consultancy with more than 40 years of project experience working in 18 Pacific countries.

T+TI offers leading expertise, gained throughout the Pacific region, in a range of sectors, covering:

- **Energy**
- **Industry**
- **Land + Buildings**
- **Risk + Insurance**
- **Transport**
- **Waste + Resource Recovery**
- **Water**

T+TI is a member of the New Zealand Pacific Business Council and the New Zealand Fiji Business Council. The T+T Group resources include a combined staff of 1400 and includes offices in New Zealand and Australia, with affiliated companies in Fiji, Samoa, Solomon Islands, and New Caledonia.

Expertise:

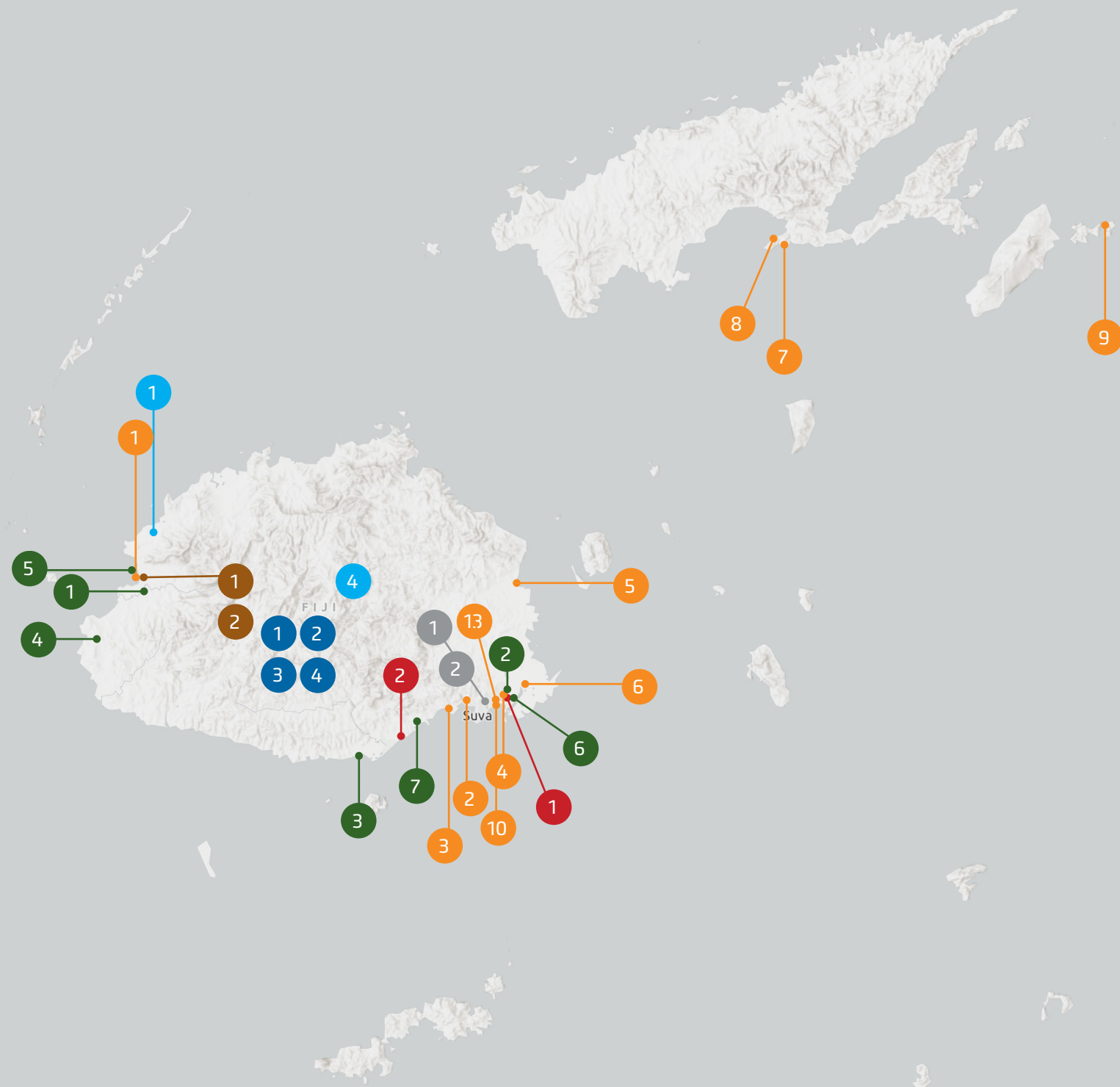
- Digital
- Environmental
- Geotechnical
- Infrastructure
- Sustainable Communities
- Climate and Sustainability Services



Tonkin + Taylor Group Pacific Island Capability Summary

	Environmental Impact Assessment	Geotechnical Investigations	Foundations	Slope Stability	Coastal Process Studies & Engineering	Roading & Infrastructure	Resort Developments	Airport Projects	Port Projects	Solid Waste Projects	Hydro Power Projects	Quarry and Material Studies	Water Supply Projects	Survey Services (incl. Bathymetric)*	Construction Management	DRR & Climate Resilience
Fiji		●	●	●	●	●	●	●	●	●	●	●	●		●	●
Samoa	●	●	●	●	●	●	●	●	●		●	●	●		●	●
American Samoa		●	●	●	●	●		●	●		●	●	●		●	
Solomon Islands	●	●	●	●		●	●	●	●	●	●	●				●
Vanuatu		●	●	●	●		●		●	●	●		●			●
Cook Islands	●	●	●	●	●	●	●	●	●	●		●	●		●	●
Papua New Guinea	●					●										
Tuvalu		●	●		●				●	●						●
Nauru		●	●						●	●						●
Kiribati	●	●	●						●	●			●	●	●	●
Palau		●							●			●		●		●
Pitcairn		●	●	●		●			●			●			●	
Tahiti							●									
Federated States of Micronesia	●	●							●			●		●		
Republic of Marshall Islands	●	●			●					●			●		●	●
Tonga		●	●													●
New Caledonia		●	●				●		●						●	
Hawaii		●	●													

* Associated specialist sub-consultant



Transport

1. **Nadi International Airport, runway and hardstand extensions** (1991): SP
2. **Rokobili Port Development; preliminary design** (1997): EP/ED/SP/ER
3. **Muaiwalu Wharf study** (1997): SP
4. **Rewa River bridge project** (2002): SP/CM
5. **Kings-Lodoni road project** (2003): CM
6. **Nausori International Airport redevelopment** (2006): SP
7. **Savusavu Airport redevelopment** (2006): SP
8. **Savusavu Wharf development EIA**: ER
9. **Laucala Island, runway upgrade** (2008): SP
10. **Wainibuku bridge project** (2010): SP
11. **Lomaloma Landslip Rehabilitation project** (2016-17): SP
12. **Pilot Study for alternative pavement materials in rural roads** (2024): SP
13. **ADF Patrol Base Rehabilitation Project (DFAT)** (2018 - 2020): ES/SP

Land + Buildings

1. **Nadi Retail Centre** (2019): SP
2. **Suva Foreshore Development** (2017-24): SP
3. **Pearl Marina Resort** (2013): SP/CM
4. **Marriott Resort Momi Bay** (2004): SP/CM
5. **Denerau Resort, AEE for reclamation project** (1999), **coastal risk study** (2002): ER/SP
Geotechnical investigations (2002-12)
6. **Walu Bay reclamation study** (2001): ER/SP
7. **Caudua Point subdivision development** (2006-09): ED/SP/CM

Climate + Natural Hazards

1. **Development of an Integrated Coastal Inundation Forecasting system** (2019): SP
2. **Tsunami and flood hazard warning system** (2020): SP
3. **Tsunami early warning dissemination system** (2018): SP
4. **Safe n Redi disaster response web portal** (2019): SP

Waste

1. **Candavau Point Landfill Rehabilitation** (2007): ER
2. **Naboro Landfill Project; Management Services** (2004), **Design** (2009): ED/ER
3. **National Waste Strategy**

Energy

1. **Proposed Vuda Power Station** (1971): EP
2. **Monosavu Hydro Feasibility Study** (2001): EP

Water

1. **Tamavua-Waimanu Water Supply Project** (2006): SP/CM
2. **Suva-Nausori Water Supply Project** (2008): CM

Coastal

1. **Naisoso and Denerau Modelling** (2018): EP/ER/ED
2. **PRIF Coastal Guidelines** (2023): ER/EP/IT

Code: services provided

EP	Engineering Planning / Feasibility
ED	Engineering Design
IT	Institutional Strengthening / Training

ER	Environmental / Resource Planning
SP	Specialist Investigations
CM	Construction Management / Support Service



Samoa

Transport

1. **South Coast road upgrade project, ADB** (1994): ED/CM
2. **East Coast road climate resilience, slope stabilisation and feasibility study** (2023/24): EP/ED/ER/CM
3. **Apia Wharf upgrade, JICA** (2001): SP/CM
Apia community fisheries port upgrade, JICA (2004): SP
4. **Faleoleo International airport upgrade, World Bank** (2000): ED/CM
5. **Manase Beach coastal rehabilitation project, Cyclone recovery programme** (2016): SP/CM
6. **Post-cyclone coastal rehabilitation study, Cyclone recovery programme** (2016): SP/CM
7. **Apia Port Safety Improvement** (2014): SP

Land + Buildings

1. **Aggie Greys Hotel extensions** (1987): SP
2. **Australian High Commission** (1998): SP
3. **ACB Building** (1999): SP
4. **Development Bank of Samoa** (2011): SP

Climate + Natural Hazards

1. **Multi-hazard early warning system** (2019): SP

Energy

1. **Afulilo hydro study** (1989): EP
2. **Savaii hydro study, ADB** (2008): EP/ER/SP
3. **Fiaga diesel power project, ADB** (2010): SP/CM
4. **Apia Water/hydro supply project** (2012): SP

Water

1. **Polynesian Water Co.** (2004): EP/SP

Tourism

1. **Aggie Greys Beach Resort** (2016): SP
2. **Survior Samoa Resort** (2011): SP
3. **Vavau Beach Resort** (2011): SP

Code: services provided

EP | Engineering Planning / Feasibility
ED | Engineering Design
IT | Institutional Strengthening / Training

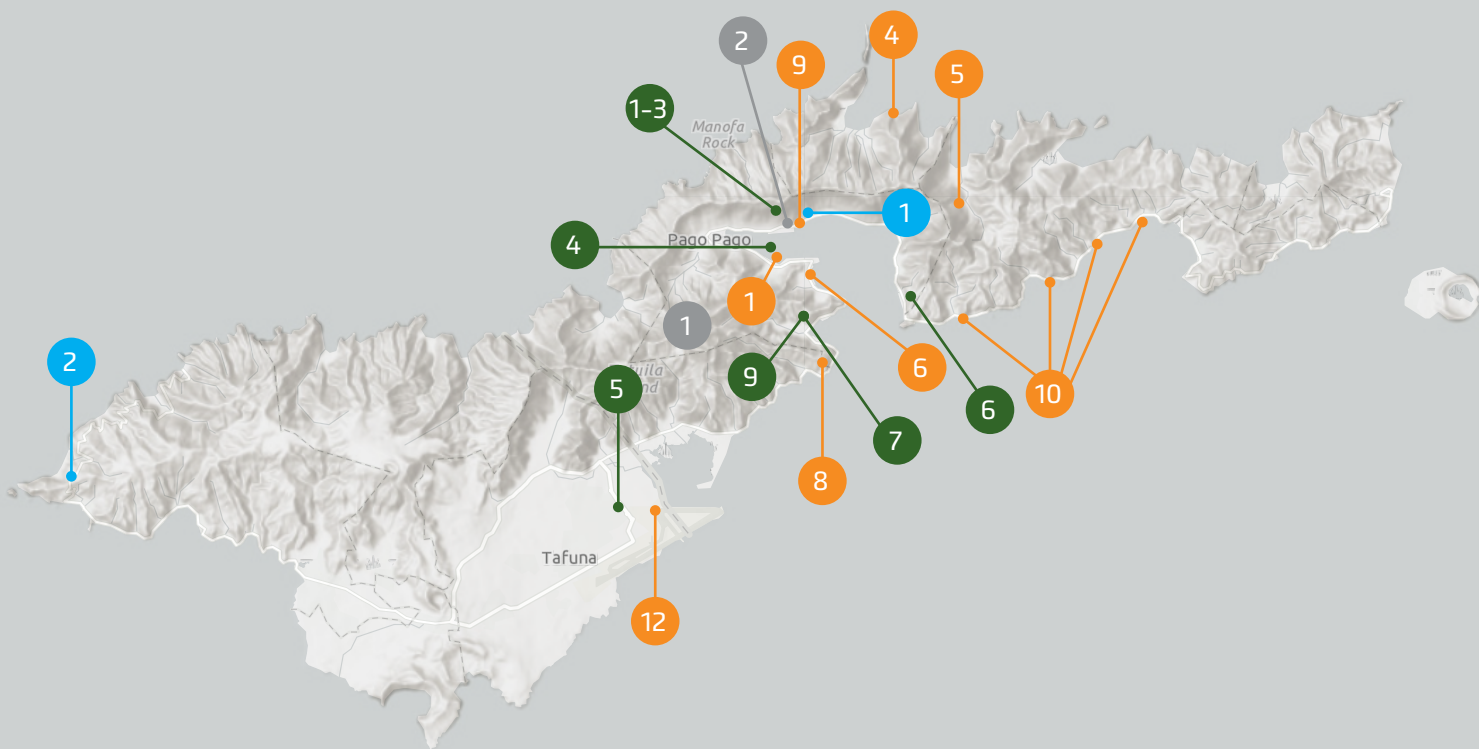
ER | Environmental / Resource Planning
SP | Specialist Investigations
CM | Construction Management / Support Service



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3

7



American Samoa

Transport

- 1. **Fuel dock rehabilitation** (1990): ED/SP
- 2. **Ofu bridge repairs** (1993): ED
- 3. **Faleasao Harbour repairs** (1993): ED
- 4. **Saielele road remediation** (1996): ED
- 5. **Aua road upgrade** (1997): ED/CM
- 6. **Tank farm upgrade** (1997): SP
- 7. **Fitiuta Airport upgrade** (2000): SP/ED/CM
- 8. **Route 1: Emergency stabilisation works** (2001): SP/ED/CM
- 9. **Replacement wharf deck and fenders** (2001): ED/CM
- 10. **Route 1: Rockfall rehabilitation project** (2016): SP
- 11. **ASG Port HQ** (2023/24): EP/SP
- 12. **Pago Pago International Airport Terminal Upgrade** (2023): SP

Land + Buildings

- 1. **Starkist: Cannery extension** (1999): SP
- 2. **Cannery redevelopment** (2011): SP

- 3. **Trimarine Cannery redevelopment** (2011): SP
- 4. **Pago Pago market upgrade** (2008): SP
- 5. **ASTA Building** (2009): SP
- 6. **Onesosopo Sports Park** (2023): SP
- 7. **LBJ Hospital extensions** (2024): SP
- 8. **DoE Community Training Facility** (2023–24): SP
- 9. **LBJ Specialised Hospital** (2024): SP
- 10. **Lions Park Development** (2023): SP

Energy

- 1. **ASPA hydro power feasibility study** (1989): EP/SP
- 2. **Satala power station** (1989): SP
- 3. **Windfarm feasibility study** (2024): SP

Water

- 1. **Water reservoir and reclamation** (1999): SP
- 2. **Poloa to Fagamalo water supply project** (2011): SP

Code: services provided

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Solomon Islands

Transport

1. **Community fisheries port project, Noro, JICA** (1988): SP
2. **Poha River bridge project** (1989): SP
3. **Shiplift facility, Tulagi** (1989): SP
4. **Lunga River bridge project** (1989): SP
5. **Henderson Airport upgrade project, JICA** (1990): SP
6. **Improvement of radio broadcasting, JICA** (2009/10): SP
7. **SIRIPI - Makira-Ulawa road upgrade project, ADB** (2010/11): SP
8. **STET** (2013): SP
9. **Transport Sector Development Facility** (2019 - 20): EP/ED/ER/SP
10. **ADF Patrol Base Rehabilitation Project (DFAT)** (2018 - 2020): ES/SP
11. **Noro Port upgrade SIIP** (2023): EP/ED/ER/SP

Land + Buildings

1. **Australian High Commission project** (1995): SP
2. **NPI Building project** (1996): SP
3. **Honiara Resort project** (2010): SP
4. **New Zealand High Commission** (2015): SP
5. **New Australian High Commission** (2022): EP/ED/ER/SP

6. **Central Bank of Solomon Islands HQ** (2023/24): SP
7. **Anglican Church of Melanesia HQ** (2023/24): SP

Climate + Natural Hazards

1. **Climate risk and vulnerability assessment** (2020): ER/SP
2. **National strategic plan and framework for weather, climate and ocean services** (2023): ER/SP
3. **Honiara Flood Risk management study** (2020): ER/SP
4. **Climate vulnerability assessment for the Port of Honiara** (2020): ER/SP

Waste

1. **Gizo Organic Materials Processing Study** (2023): EP

Energy

1. **Lunga River hydropower study** (1976): EP
2. **Pre-feasibility study for mini-hydro potential** (1979): EP
3. **6 MW Komarindi River hydro-scheme, ADB** (1987): EP/ED/ER
4. **Shell tank farm investigations** (1988): SP
5. **Tulagi fuel storage project** (1989): SP
6. **Implementation of Tina River hydro-scheme, IDB** (2009): EP/ER

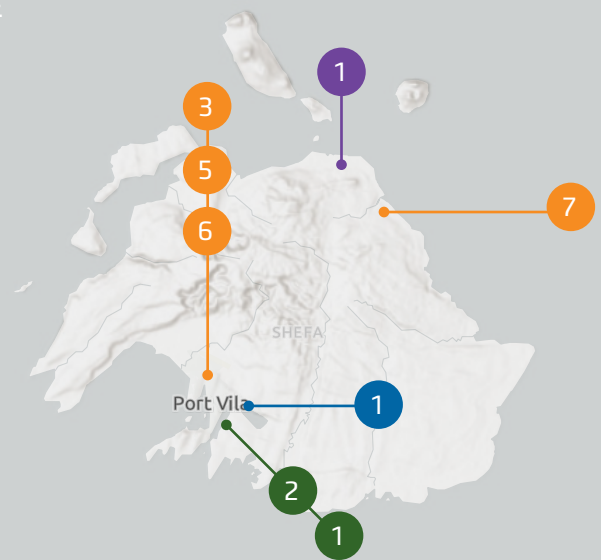
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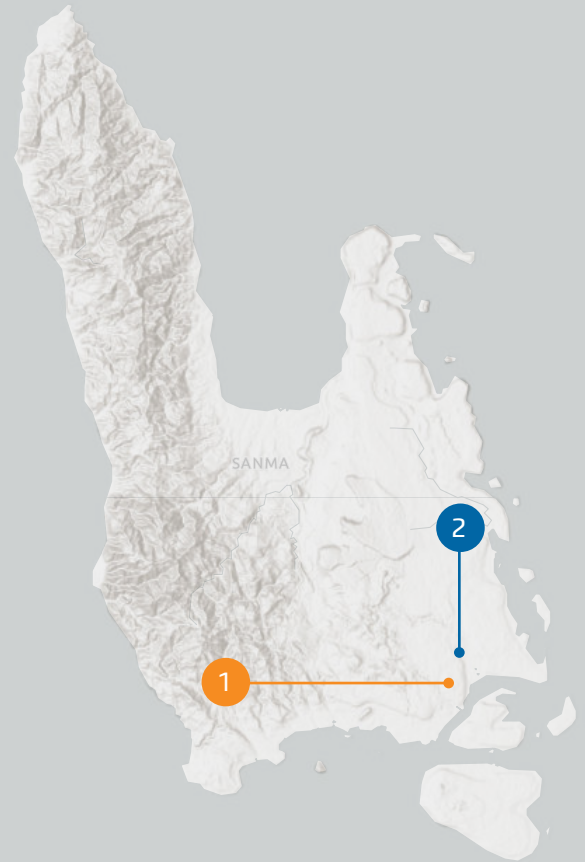
ER	Environmental / Resource Planning
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ÉFATÉ



ESPRITITU SANTO



TANNA



Vanuatu

Transport

1. **Santo Wharf remediation** (1990): SP
2. **Sarakata bridge project** (1993): SP
3. **Port Vila Wharf upgrade, JICA** (2007): ER
4. **Vanuatu Interisland Shipping Project** (2014): SP/CM
5. **Baufield Airport Improvement Project** (2016): SP/CM
6. **Port Lapetasi Project** (2016): SP/ER
7. **Cyclone Pam – Road rehabilitation project** (2016–17): SP/CM
8. **ADF Patrol Base Rehabilitation Project (DFAT)** (2018 – 2020): ES/SP

Land + Buildings

1. **New Vanuatu Courthouse** (2023–34): SP
2. **New Vanuatu Police Station** (2023–34): SP

Climate + Natural Hazards

1. **Port Vila Integrated Urban Improvement Project - Disaster Risk assessment** (2019): ER/SP
2. **Sarakata flood management plan and early warning system** (2023): ER/SP
3. **Safe n Redi disaster response web portal** (2019): ER

Waste

1. **Advanced Recovery Fee and Deposit Scheme Study** (2022): EP

Tourism

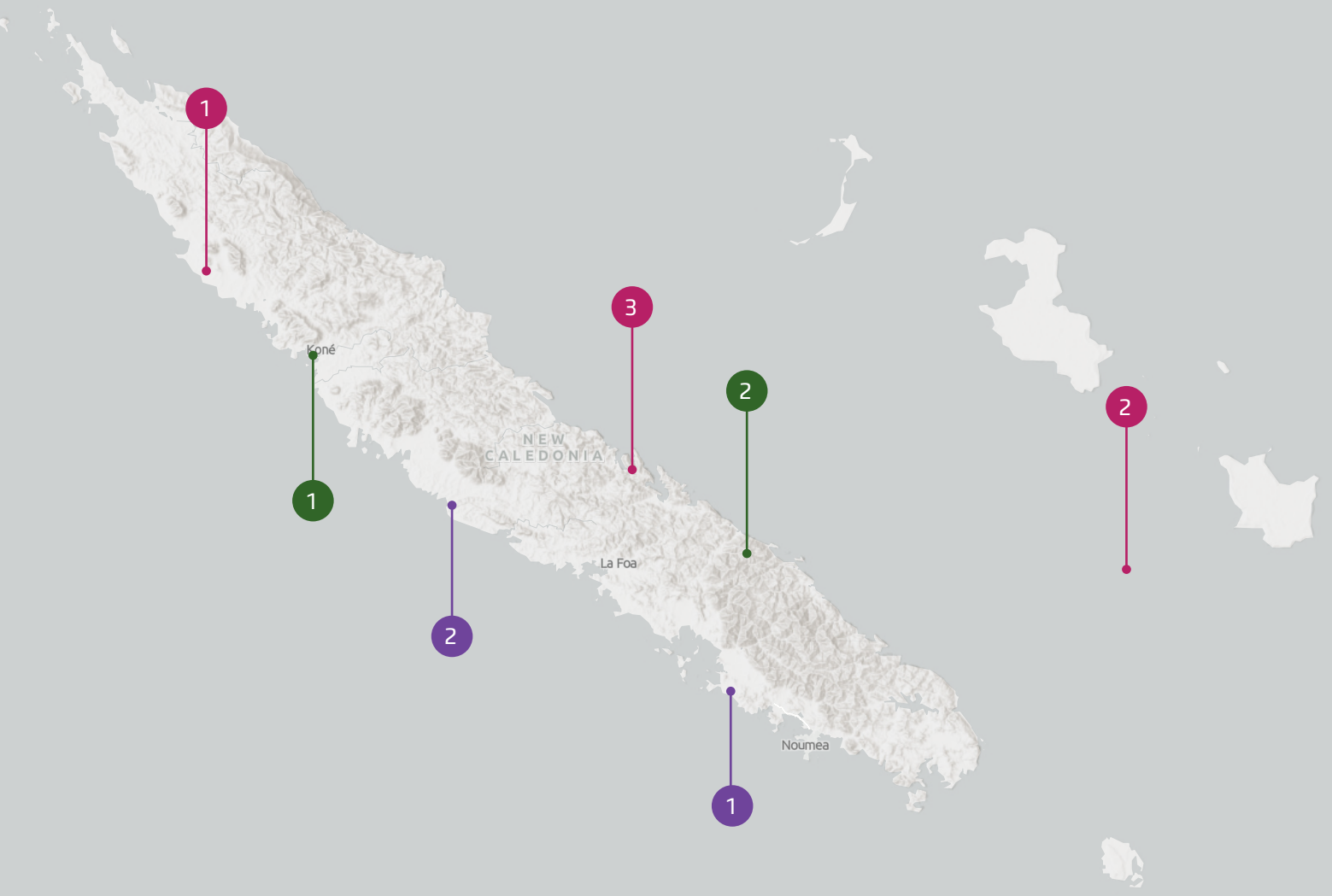
1. **Coastal hazard study, Undine Bay project** (2008) : EP/SP

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NEW CALEDONIA



New Caledonia

Land + Buildings

- 1. **Le Bousquet Village** (2009): SP
- 2. **Thio housing project** (2010): SP

Tourism

- 1. **Uitoé Resort** (2009): ER/SP
- 2. **Gouaro Deva Resort** (2009): SP

Resources

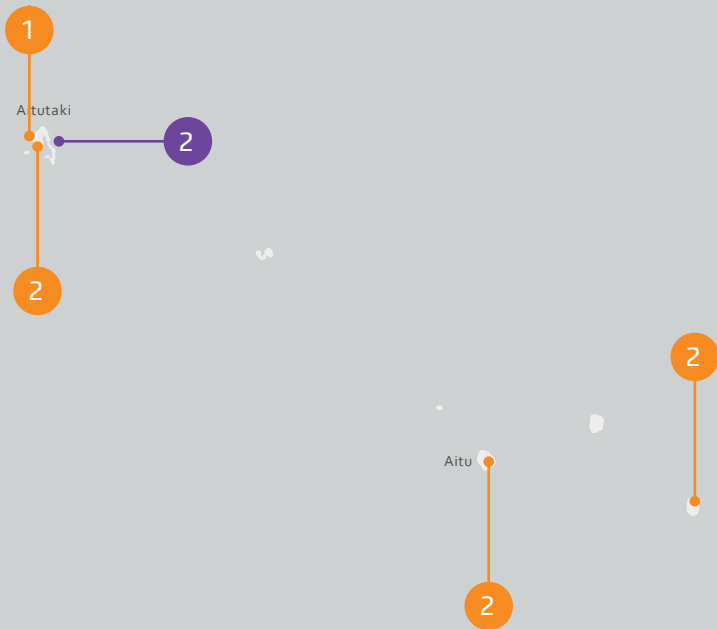
- 1. **Koniambo Mine - main wharf**
(2008/2009): SP/CM
- 2. **Off-shore mineral exploration - regional**
(2011): ER
- 3. **Koua Bay sediment study** (2014): SP/ER

Code: services provided

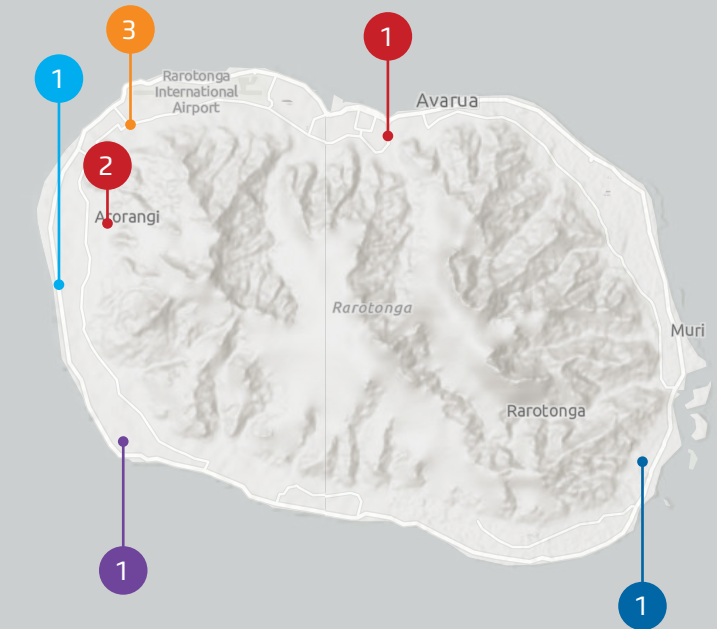
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COOK ISLANDS - SOUTHERN



COOK ISLANDS - RAROTONGA



TONGA - TONGATAPU



PITCAIRN



Cook Islands

Transport

- 1. **Multi-Cooks projects Road upgrading (Aitutaki and Atiu) Irrigation dam (Atiu, Mangaia and Mauke) Harbour improvements (Mauke, Atiu and Mangaia)** (1991): EP/ED/CM
- 2. **Aitutaki Airport runway upgrade** (1994): EP/ED/SP
- 3. **Feasibility study for Rarotonga International** (2003): EP/ER

Climate + Natural Hazards

- 1. **Muri Ridge to reef project** (2019): ED/SP

Waste

- 1. **Waste Study** (2016): SP

- 2. **Rarotonga Landfill Feasibility study** (2017): EP

Energy

- 1. **Solar Power Project - Northern Cook Islands** (2015): SP

Water

- 1. **Rarotonga Groundwater Study** (2014): SP

Tourism

- 1. **Coastal protection works, Rarotonga Resort** (1997-2001): SP/CM
- 2. **Captain Cook Lagoon Resort, Aitutaki** (2001): SP

Tonga: Tongatapu

Transport

- 1. **Queen Sālote Wharf** (2023-24): SP/CM
- 2. **Nuku'alofa Domestic Port Upgrade** (2014): SP
- 3. **Climate Change Adaption Project** (2016): SP

Land + Buildings

- 1. **Vaiola Hospital upgrade, JICA** (2009): SP
- 2. **Fua'amotu International air traffic control tower** (2016): EP/ED/SP

Climate + Natural Hazards

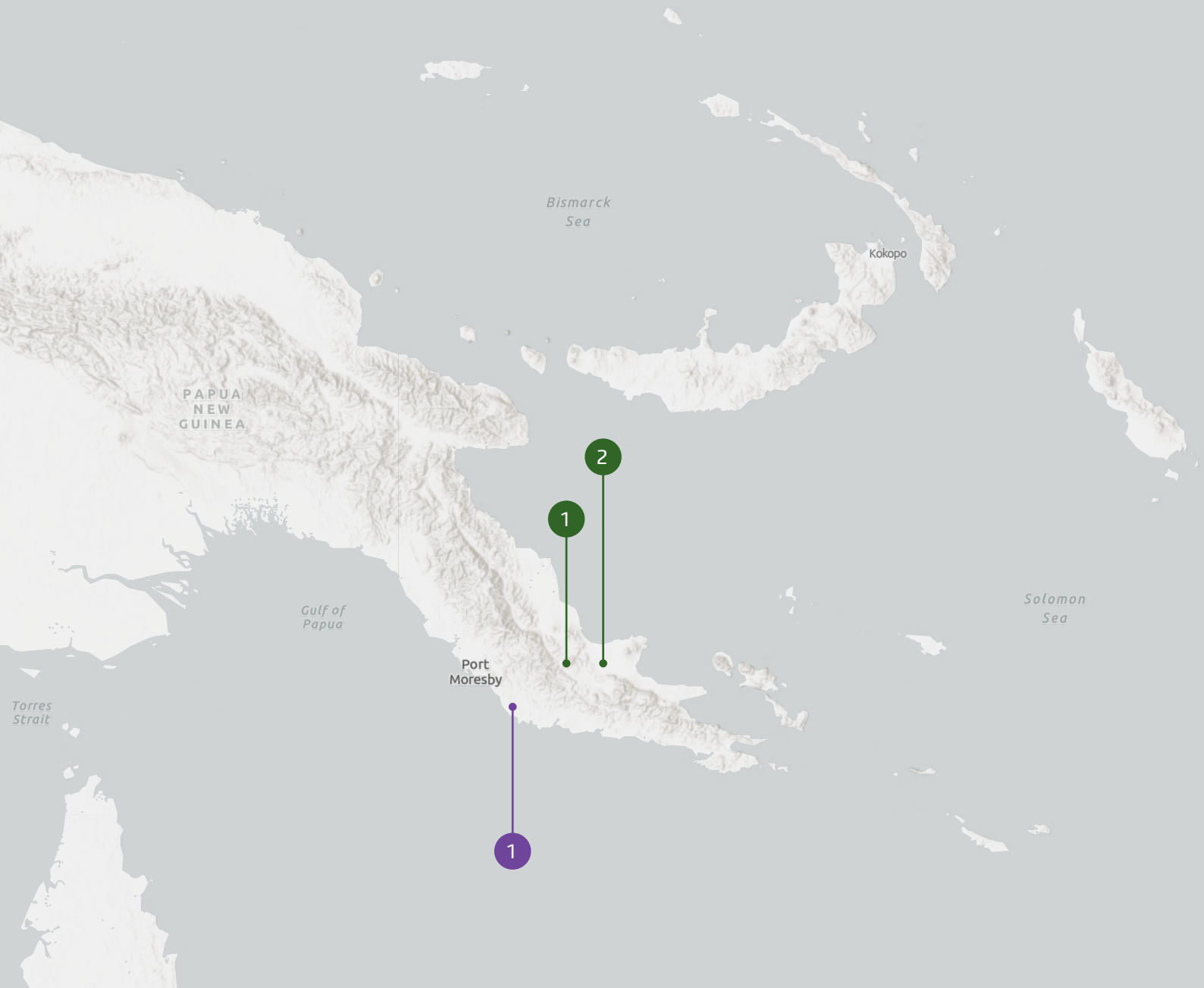
- 1. **Integrated Urban Resilience Sector project for Nuku'alofa** (2023): ER
- 2. **Multi-hazard early warning system** (2019): ER
- 3. **Cyclone Gita After Action Review** (2018): ER/IT

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PAPUA NEW GUINEA



*Bismarck
Sea*

Kokopo

PAPUA
NEW
GUINEA

2

1

*Solomon
Sea*

*Gulf of
Papua*

Port
Moresby

*Torres
Strait*

1

Papua New Guinea

Land + Buildings

- 1. **Star Mountain Development** (2016-17): SP/CM
- 2. **OPH Apartments high rise project** (2016): SP

Climate + Natural Hazards

- 1. **GCF Programme development** (2020): IT/ER
- 2. **Pilot programme for climate resilience and climate vulnerability assessments for 21 islands** (2022): ER/SP

Tourism

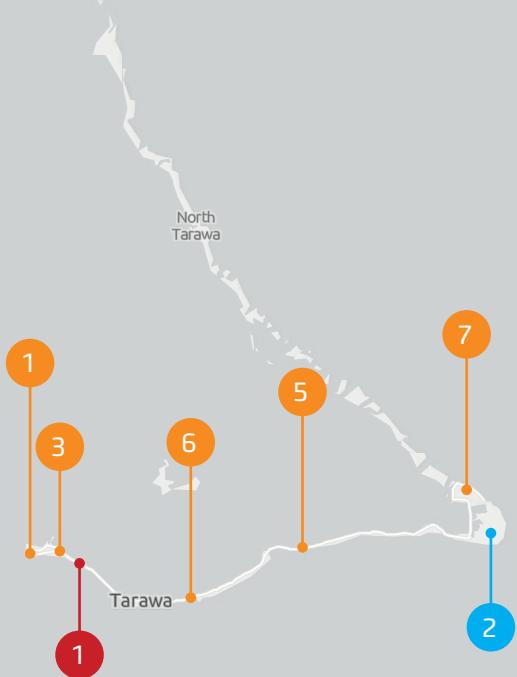
- 1. **Loloata Resort project** (2016): SP

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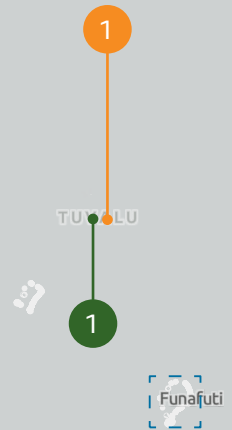
KIRIBATI - TARAWA



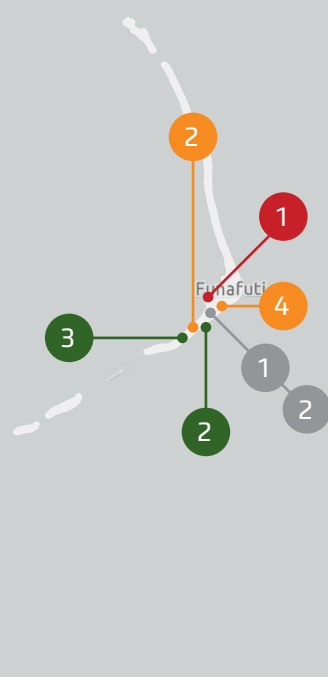
KIRIBATI - KIRITIMATI (CHRISTMAS ISLAND)



TUVALU



TUVALU - FUNAFUTI



Kiribati: Tarawa – Kiritimati (Christmas Island)

Transport

1. **Institutional strengthening - Environmental Dept.** (1995): IT
2. **Cassidy International Airport - runway pavement testing** (2009): SP/EP
3. **Betio Port re-development, JICA** (1996): SP
New Betio Port project, JICA (2008): SP/ER
4. **Port Ronton study - NZAid** (2011): EP/ER
5. **KAP II Climate Adaption project** (2015–17): SP
6. **ADF Patrol Base Rehabilitation Project (DFAT)** (2018 – 2020): ES/SP
7. **Bonriki International airport runway rehabilitation study** (2019): ED/SP

Climate + Natural Hazards

1. **National climate service framework** (2020): ER/IT

Waste

1. **Landfill rehabilitation project** (2015–16): ED/ER

Water

1. **Kiritimati Water Supply implementation project** (1997–2000): IT/ER/CM
2. **South Tarawa Water Supply Project** (2022–23): ED/SP

Tuvalu

Transport

1. **Vaitupu Harbour upgrade, JICA** (1994): SP
2. **Port upgrade project, JICA** (2006): SP
3. **Improvement of AM broadcasting, JICA** (2009): SP
4. **Tuvalu International Airport – pavement rehabilitation study** (2019): ED/SP

Land + Buildings

1. **Motufoua School development, JICA** (1994): SP

2. **Government admin building** (1999): SP
3. **Princess Margaret Hospital upgrade, JICA** (2000): SP

Waste

1. **Tuvalu waste management study, ADB** (2003): ER

Energy

1. **Diesel power station, JICA** (2004): SP
2. **Solar Energy Project** (2015): SP/ED

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PALAU ISLANDS



TRUK ISLAND



PONAPE ISLANDS



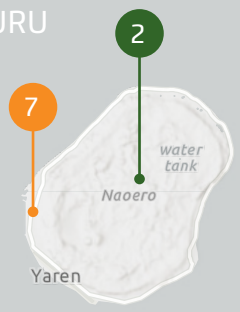
YAP ISLANDS



KOSRAE ISLANDS



NAURU



Federated States of Micronesia, Republic of Marshall Islands, Palau and Nauru

Transport

- 1. **Okat Port development, JICA (1999) Kosrae:** SP
- 2. **Kayangel community fisheries project, JICA (2001):** SP
- 3. **Weno Port upgrade project, Truk, JICA (2005):** SP
- 4. **Pelelieu community fisheries project, JICA (2005):** SP
- 5. **Pohnpei International Airport runway extensions, JICA (2010):** SP
- 6. **Pohnpei Port expansion (2023):** SP
- 7. **Nauru Port Rehabilitation project (2016):** ED/SP

Waste

- 1. **Palau Tyre Product Stewardship Policy options (2023):** ER
- 2. **FSM National Solid and Hazardous Waste Strategy (2024):** IT/ER
- 3. **RMI Marjuro Atoll Waste study (2022-24):** EP/IT

Tourism

- 1. **Coastal hazard assessment for 3 resort sites - Palau (2007):** ER

Infrastructure

- 1. **RMI Outer Islands Wharf upgrades, World Bank (2023):** SP
- 2. **Nauru Urban Resilience Project, ADB (2022-24):** EP/IT

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Office locations

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Vanuatu	Neeraj Shankar
Tahiti, New Caledonia, Wallis + Futuna	Sarah Guy
Tonga + Cook Islands	Sarah McCarter
Papua New Guinea +Timor Leste	Trevor Smith

Technical Specialists

- Richard Reinen-Hamill - Finance + Insurance
- Chris Purchas - Waste +Resource Recovery
- Tom Shand - Coastal
- Paddy Pringle - Climate Risk + Resilience





 **Tonkin+Taylor**

www.tonkintaylor.co.nz