Innovative approach to improving infrastructure resilience

UNDERSTANDING RISK FINANCE

Port Vila – 16 to 20 October 2018
What is resilience?
The capacity to recover quickly from difficulties.
Can we build a more resilient (STRONGER) and more affordable future?
Good structural condition is the **key** to unlock achieving and maintaining resilience.
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Providing resilience is like a coin; We need to address both sides:

New (infrastructure planning) and existing (asset management)
Smart Planning = Integrated Planning
Finance / Planning

where decisions are actually made

LM: Line Ministry
SOE: State Owned Enterprise
Finance / Planning
where decisions are actually made

LM: Line Ministry
SOE: State Owned Enterprise

Political decision
Not having a solid **SMART PLAN** is like leaving our future sustainability to a game of chance

- Infrastructure built may not be a priority
- Funds were not budgeted and now need to be made available
- Priority projects sectors with less capacity are not implemented
- Life cycle costs are not budgeted considered
- Country is unable to plan for sustainability
Where do we start?

Good news: We are already on our way!

Where do we want to be?
• What is the demand for infrastructure services in the next 5 to 10 years?
• What are the sustainable service levels that the government can afford providing?

National Development Strategy
Where do we start?

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National Development Strategy

Existing assets
- Asset registries including
  - Condition assessment
  - Performance assessment

Asset Registers
Asset registers are key information for a smart infrastructure plan.
How useful is an asset register?

- List of all assets you own
- Contains details on your assets such as their value, location and condition
- Many government agencies have a records on their small value assets such as tables, chairs, computers, etc.
- However, governments are lacking vital information on their most valuable assets such as power plants, sewerage systems, roads, bridges, etc.
Working together to assist core data collection that is consistent, integrating DRM, investment planning and management, and government finance requirements.
Current Projects Fiji, Nauru and Tuvalu

• Developing National Asset Management Policies and Frameworks
• Developing Valuation Methodologies for all sectors
• Integrating Investment Planning with asset management and linking those with budgeting processes.
Country development program
Take control
Session 5: Innovative Approaches to Improve Infrastructure Resilience

- The importance of asset registries
- How to improve infrastructure resilience by linking asset information to
  - Disaster Risk Management
  - Infrastructure Planning
  - Government Finance
- Present current projects in Nauru, Fiji and Tuvalu
- Panel discussion with colleagues to learn from their experience
Session 5: Innovative Approaches to Improve Infrastructure Resilience

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Tuvalu Planning Office – Niuatui Niuatui
Nauru Planning Department – John Limen and Novena Itsimaera
PCRAFI – Litea Biukoto
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Thursday, October 18th 11:00 – 12:30