

# Innovative approach to improving infrastructure resilience

UNDERSTANDING RISK FINANCE

Port Vila – 16 to 20 October 2018



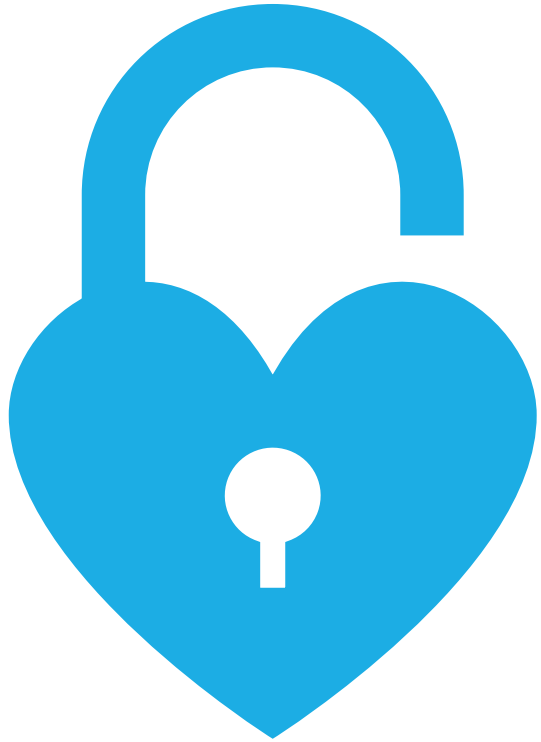


What is  
resilience?

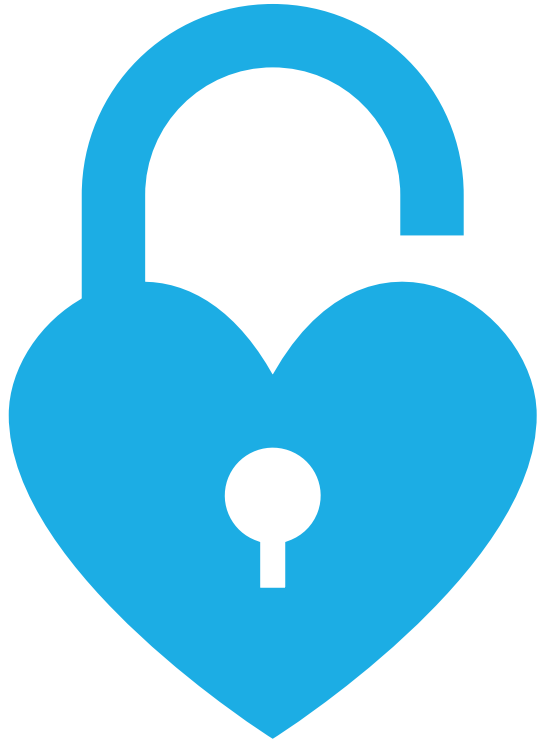
The capacity to recover  
quickly from difficulties

Can we build a more resilient  
(STRONGER) **and** more  
affordable future?

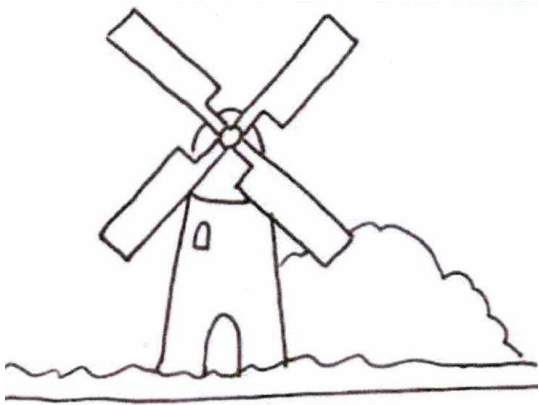
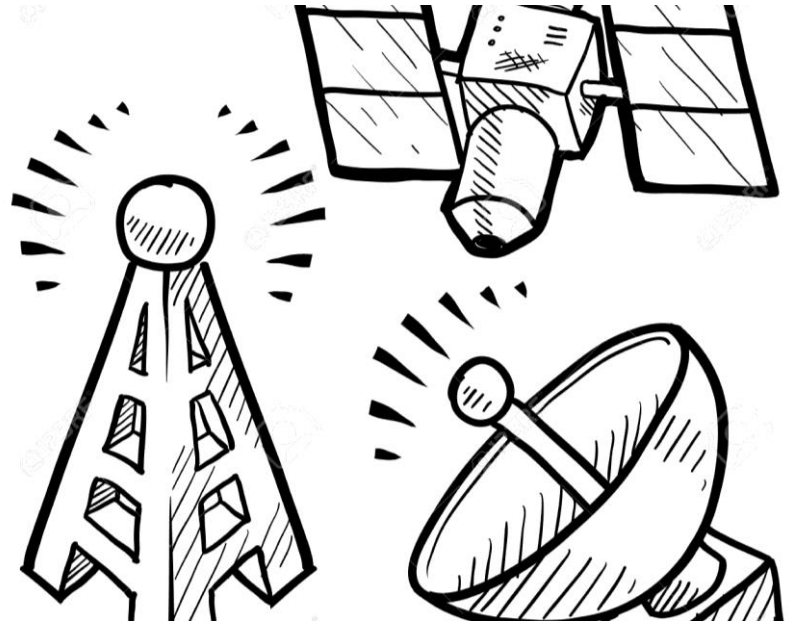
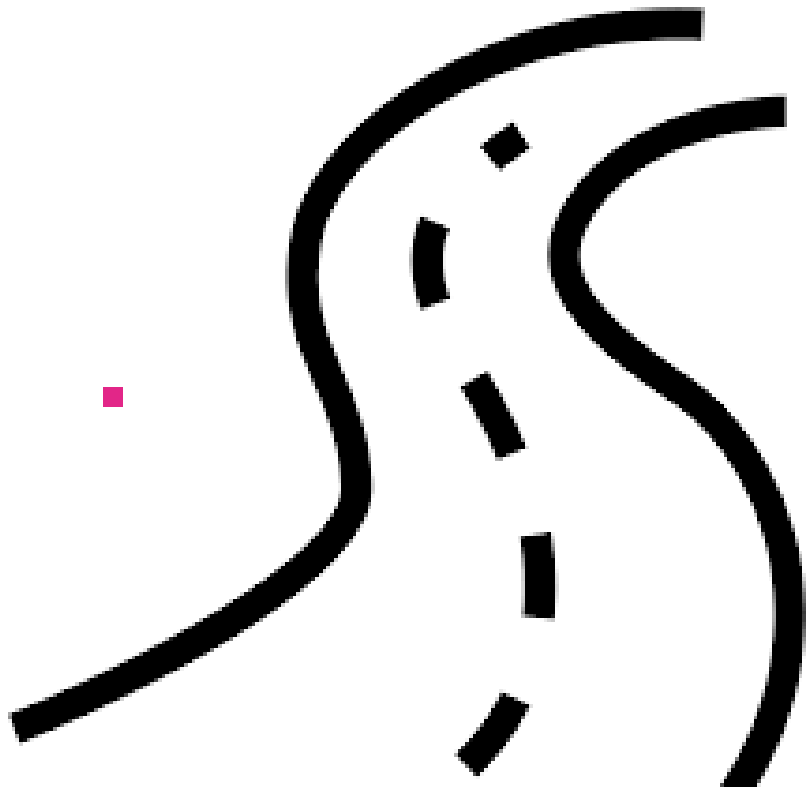




Good structural condition is the **key** to unlock achieving and maintaining resilience



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New infrastructure

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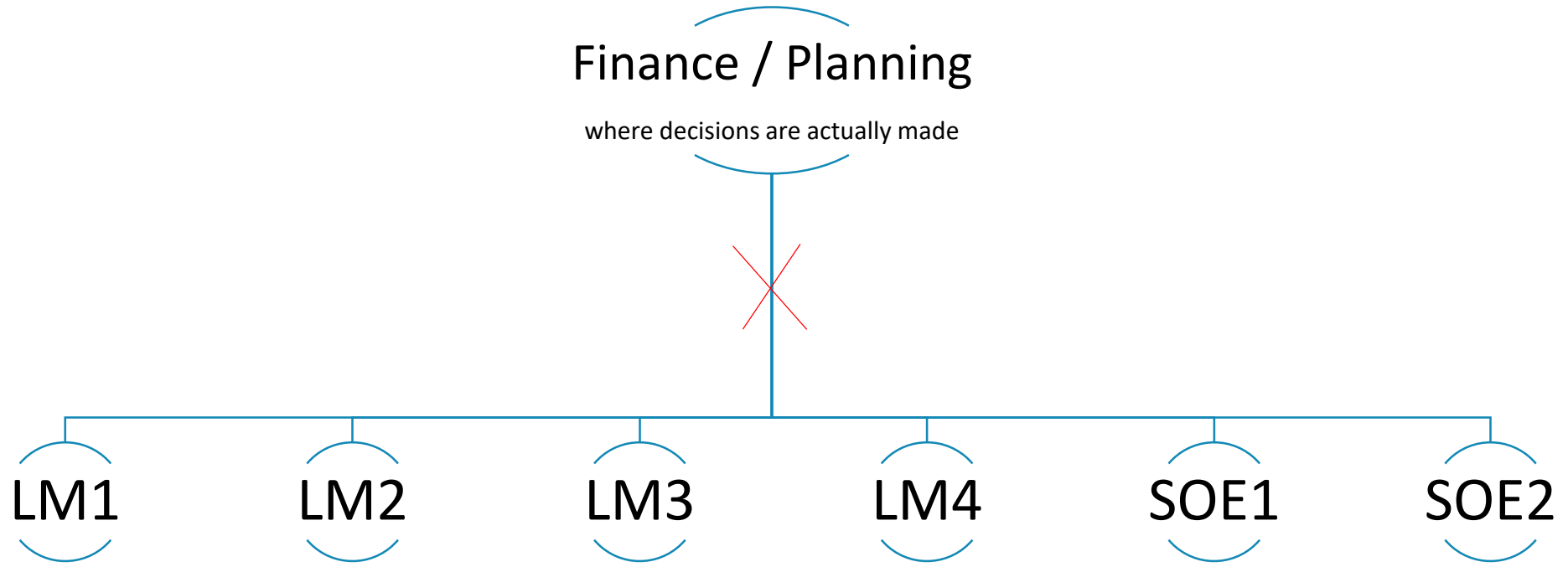
Providing resilience is like a coin; We need to address both sides:

New (infrastructure planning)  
and existing (asset management)



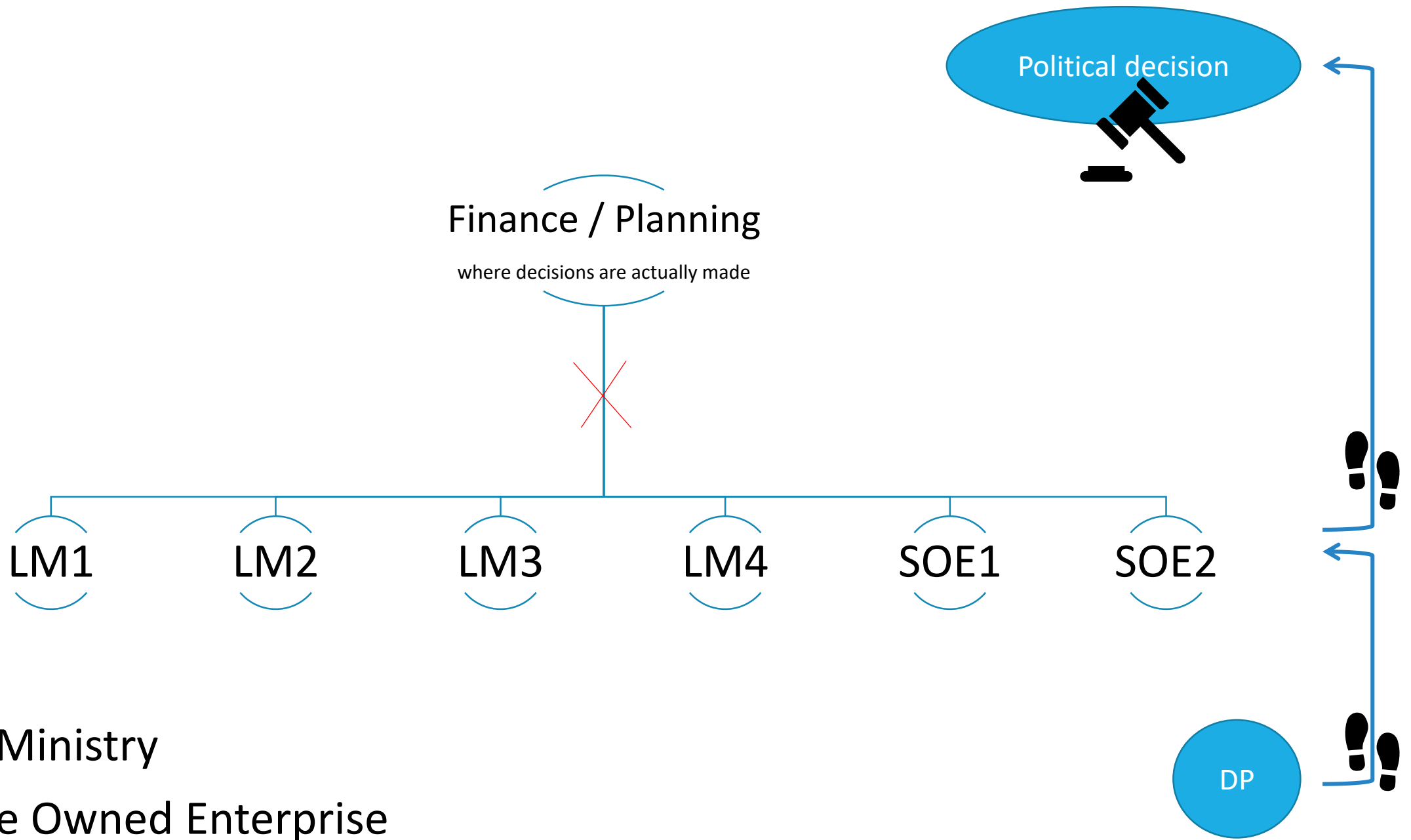
Smart Planning = Integrated Planning





LM: Line Ministry

SOE: State Owned Enterprise



LM: Line Ministry

SOE: State Owned Enterprise

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



*Infrastructure services needed*



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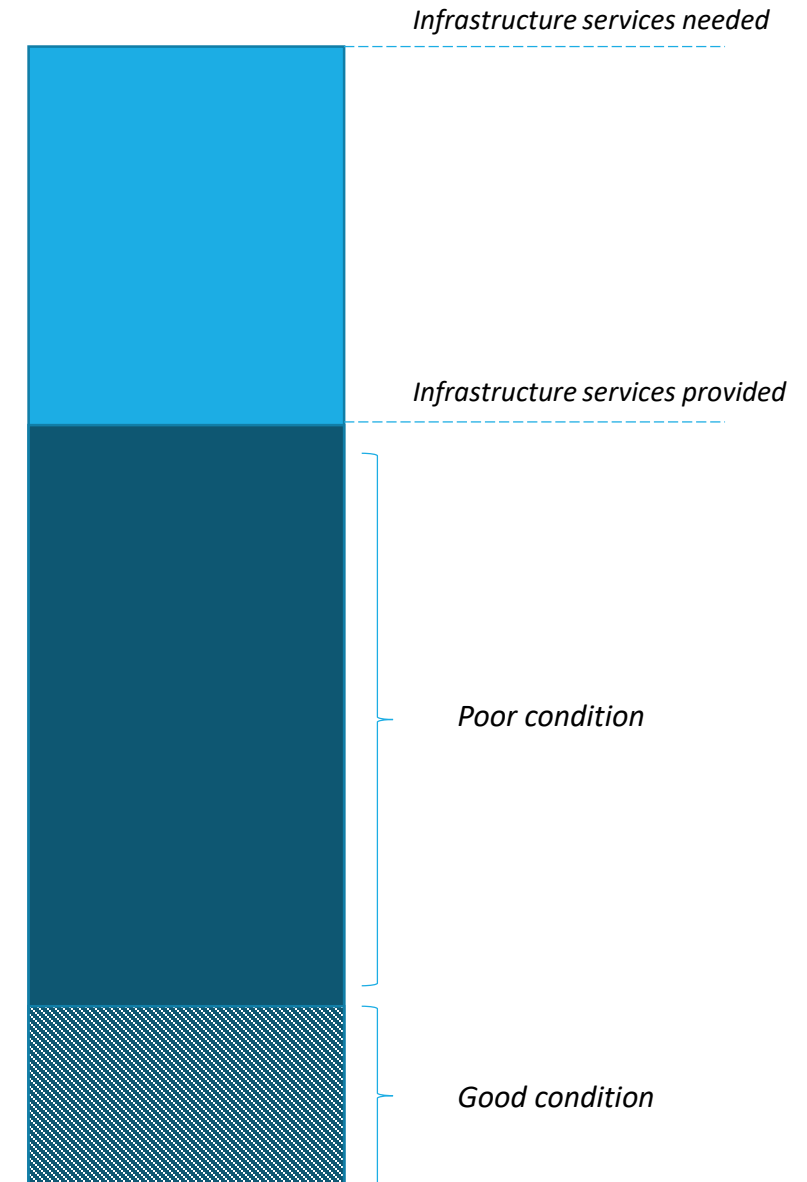
National Development Strategy



## Existing assets

- Asset registries including
  - Condition assessment
  - Performance assessment

Asset Registers



Asset registers  
are key  
information for a  
smart  
infrastructure  
plan

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# 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.

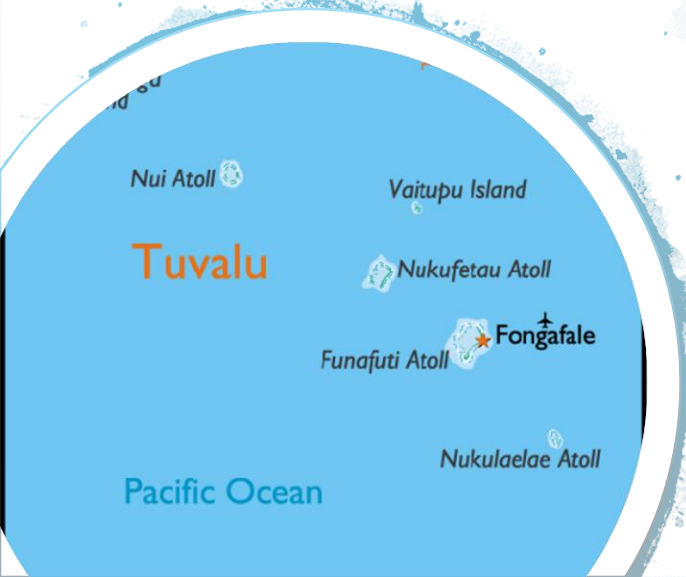
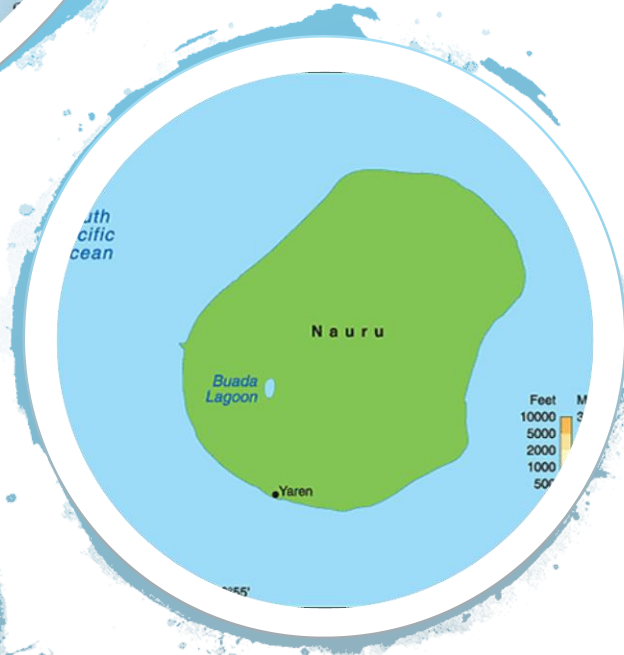






# Current Projects Fiji, Nauru and Tuvalu

- 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

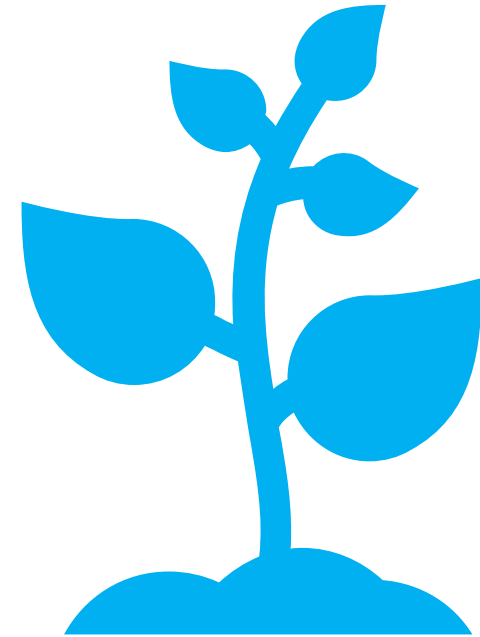


# Session 5: Innovative Approaches to Improve Infrastructure Resilience

- 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

Want to hear  
more ....  
Come & Join us

## Session 5: Innovative Approaches to Improve Infrastructure Resilience



Fiji Ministry of Economy – Raveena Kumar  
Tuvalu Planning Office – Niuatui Niuatui  
Nauru Planning Department – John Limen and Novena Itsimaera  
PCRAFI – Litea Biukoto  
PRIF – Lorena Estigarribia

Thursday, October 18<sup>th</sup> 11:00 – 12:30