



GOVERNMENT OF SAMOA

**MINISTRY OF WORKS, TRANSPORT & INFRASTRUCTURE**

# UNESCAP

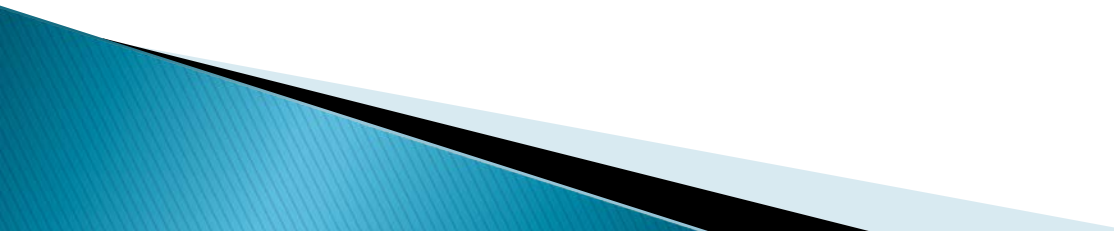
## INFRASTRUCTURE FINANCING WORKSHOP

### INFRASTRUCTURE NEEDS

1 Feb 2017,  
CBS Building

# GUIDANCE NOTES FOR SPEAKERS .... (KVA)

## MWTI...

- **Mandate and policies/plans (1)**
  - **Overview of NISP (2)**
  - **Linkages to Transport Sector Plan**
  - **Transport Sector Needs and Gaps**
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# MWTI... Mandate

## WORKS – MOW Act 2002;

### Principal Functions–

(1) The principal functions of the Ministry –

- (a) To construct, maintain and manage the public assets to which this Act applies;
- (b) To prepare policies relating to the management of the public assets to which this Act applies;
- (c) To provide advice to the Minister and the Government in relation to the construction, maintenance and management of the public assets to which this Act applies;
- (d) To exercise any of the powers relating to the public assets to which this Act applies conferred upon the Ministry or any of its officers by this Act, or by any other law;

# (1) MWTL... Mandate

## WORKS – MOW Act 2002;

### Principal Functions continue..

- (e) To establish Business Units as provided for by Part III of this Act, and to manage, operate and support those business units to operate in accordance with laws relating to the commercial operations of public bodies and in accordance with government policy;
- (f) To devolve functions to the private sector in accordance with this Act and any other applicable law; and
- (g) To regulate the construction of buildings and other structures in accordance with this Act and its Regulations, and to administer, enforce and apply the National Building Code; and
- (h) To exercise any of the powers relating to planning and urban management as provided for by Part VI of this Act.

# (1) MWTI... Mandate

## TRANSPORT – MOT Act 1978;

### Functions of Ministry –

- (1) The Administration of the MOT Act and the other Acts administered by the Ministry and for the development of an efficient and economical transport policy for Samoa.
- (2) Without limiting the general functions specified in subsection (1) of this section, the Ministry shall have the following functions:
  - (a) advising the Minister on the development of an efficient transport policy for Samoa;
  - (b) undertake research into all aspects of transportation, including the economics of the various forms of transport, whether by land, sea, or air;
  - (c) advising the Minister on investment in transport, whether by land, sea, or air, with particular reference to priorities for Government or other expenditure

## (2) National Infrastructure Strategic Plan (NISP) Overview

- ▶ NISP outlines Government priorities and strategic directions/plans for major initiatives in the economic infrastructure sector over the next 5–10 years (2011 – 2020)
  - 2011 to 2015 in detail
  - 2015 to 2020 in terms of broad directions
- ▶ NISP is an integral part of the Government's **National Planning and Budgeting** process.
- ▶ **Monitoring and Updating** the NISP will be coordinated by the MWTI

# NISP Overview

## Strategic Directions for TRANSPORT

### Land Transport

Strategic Direction	SAMOA ECONOMIC CORRIDOR	Est. Cost (T\$M)	Status/ Actual
Ongoing Program:	Staged development of the Vaitele St corridor with links to the Port of Apia; Apia town centre; the Vaitele industrial area; Faleolo Airport; and the inter-island ferry terminal.		
Additional Priority Initiatives:	Upgrade and widen Vaitele St between Lepea and Vailoa (R4)	8.0	3
	Upgrade and widen Vaitele St Vailoa to Vaitele (R5)	30.0	22
	Feasibility studies for extending the high quality road corridor to Faleolo Airport and the Port of Apia (R8,9)	2.0	Design
	Upgrade Fugalei St (R7)	20.0	
OUTCOME	Efficient linkages between major economic nodes. Capacity for traffic growth. Effective road hierarchy that separates through traffic from local access, and reduces truck traffic on residential streets.		

# Land Transport

Strategic Direction	SAFE AND RESILIENT ROAD NETWORK	Est. Cost (T\$M)	Status/ Actual
Ongoing Program:	Packages of small local works to provide improved access in all weather conditions and in the aftermath of natural disasters; and improve the safety of the road network.		
Additional Priority Initiatives:	All-weather roads program Savai'i (R10)	20.0	Con
	All weather roads program Upolu (R11)	60.0	Con
	Improve Aleisa Rd as an alternative route to Faleolo Airport (R6)	15.0	Proposal
	Rural access roads program (R12)	10.0	
	Install footpaths on major roads connecting to schools, hospital, etc. (R13)	6.0	
	Upgrade Cross-Island Rd through Vailima (R14)	30.0	Design
OUTCOME	Resilient road network. Safer roads, especially for pedestrians. Improved access.		



# Sea Transport

Strategic Direction	MEETING INTERNATIONAL SEA FREIGHT NEEDS	Est. Cost (T\$M)	Status / Actual
Ongoing Program:	Staged upgrading of international port facilities, linked to established future needs and business case.		
Additional Priority Initiatives:	Prepare a <i>National Ports Plan</i> and implement the recommendations.–this port development roadmap should guide further investment in terms of staging of port upgrades; and infrastructure priorities for serving the cruise ship market (in conjunction with the Samoa Tourism Authority). – Port Master Plan	1.0	
	Reconfigure channels/breakwaters at Apia to reduce swell problem (P3)	>20.0	
	Investment programs based on the finding of the <i>National Ports Plan (some of P5,8,10–12)</i>	50.0–80.0	
OUTCOME	More efficient nationwide system of ports. Better investment decisions.		

# Sea Transport

Strategic Direction	SAFER AND BETTER INTER-ISLAND FERRY FACILITIES	Est. Cost (T\$M)	Status/ Actual
Ongoing Program:	Staged upgrading of port and terminal facilities for inter-island sea transport.		
Additional Priority Initiatives:	Improve access to Manono (wharves and terminals) (P6)	6.0	
	Renovate the inter-island passenger terminals at Malifanua and Salelologa (P7)	2.0	Proposed
OUTCOME	Improved/safer access to Manono in all weather and tidal conditions. Improved quality of passenger facilities for inter-island travel. Improved image for the tourist market.		

# Air Transport

Strategic Direction	SUPPORTING INTERNATIONAL AIR TRAVEL AND TRADE	Est. Cost (T\$M)	Status / Actual
Ongoing Program:	Complete SAA <i>Airports Master Plan</i> to provide a roadmap for airport investment over the next 10–20 years		
	Continue SAA investments in safety and security system to ensure ongoing compliance with international requirements.	10.0	
Additional Priority Initiatives:	Refurbish Fire Tenders (2 vehicles) (A4)	2	
	Upgrade Faleolo terminal and aprons based on the recommendations of the Master Plan (A5,6)	30–40	
	Secondary Runway at Faleolo (A7)	15	
OUTCOME	Compliance with international requirements. Improved passenger experience at Faleolo. Reduced vulnerability to natural disasters.		

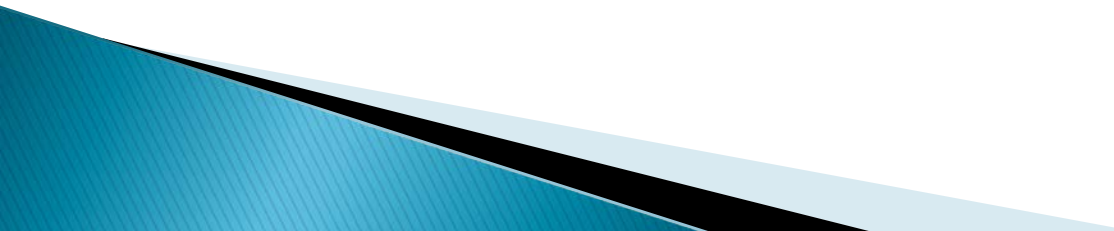
# Infrastructure (Transport) Challenges

(NISP)

## 2.2 The infrastructure challenge for Samoa

‘... economic infrastructure can be a powerful catalyst for improved social and economic outcomes, but .. **poor infrastructure is a brake on development.**

This creates the challenge for Samoa to both;

- **Improve the management of existing infrastructure**
  - **and to invest wisely in infrastructure improvements.**
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## (NISP) In particular, the challenge ... 1,2,3..

*1 ‘..keep pace with growth in demand for infrastructure services. There is strong growth in demand for infrastructure services in Samoa driven by a range of factors, such as population trends and economic activity’;*

### Opinion

- ▶ Planning vs Reactive Approach
- ▶ Planning Controls (subdivisions, relocations, etc)
- ▶ Planning from Implementation
  - Eg. Roads SLC, NPF;
  - CIM Plans; Govt Priorities – Airport propose Aleipata
- ▶ Government of the time Priorities (Plan All)
  - ▶ Airport propose Aleipata
  - ▶ Vaitele (Vaiusu) Port

(NISP) In particular, the challenge ... 1,2,3..

*2'..Address a range of specific issues and efficiencies with existing infrastructure so that the infrastructure system functions more effectively; and '..*

## Opinion

- ▶ Strengthen Role of Line Ministry/Sector
  - ▶ Planning – Implementation (LTA,SAA)
  - ▶ Monitoring (Regulate),
  - ▶ Financial Framework – Sustainability
  - ▶ Reporting to Minister & Government
  - ▶ Strengthen Role of Line Ministry/Sector
  
- ▶ Proposals for External Financing
  - ▶ Responsibility,

(NISP) In particular, the challenge ... 1,2,3..

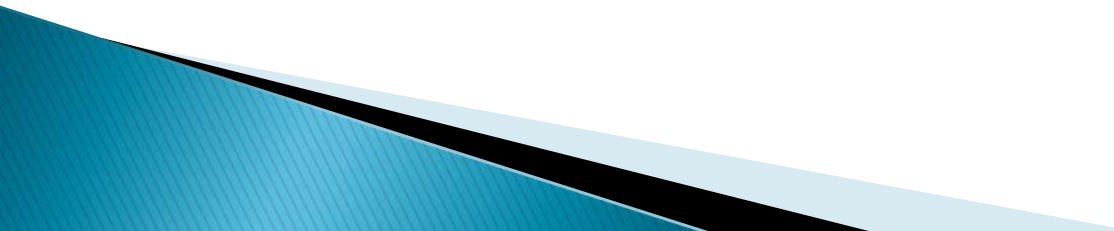
*3.. 'Improve the coverage, quality and reliability of economic infrastructure. As well as ensuring access to basic services, there are growing community expectations regarding the quality of the services provided..'*

## Opinion

- ▶ Policies, Standards & Codes
  - ▶ Legislations
  - ▶ Asset Management Policy, Strategy ..
  - ▶ Standards and Codes,
- ▶ Compliance to International Conventions (ICAO, IMO)

# POLICY/PLANS

## Land Transport

- ▶ Road Standards
    - Design, Materials & Constructions Standards
  - ▶ Legislations
  - ▶ Urban Water/Flood Management Policy
    - Drainage Issues
    - Drainage for Development
  - ▶ Infrastructure Asset Management Policy
  - ▶ etc
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# POLICY/PLANS

## Land Transport


- ▶ Road Standards
  - Design, Materials & Constructions Standards
- ▶ Legislations
- ▶ Urban Water/Flood Management Policy
- ▶ Infrastructure Asset Management Policy
  - Continuation from SIAM1 & 2, focusing on the Management of Assets and Monitoring Framework & Systems

# POLICY/PLANS

## Air Transport

- ▶ Legislations
- ▶ Open Skies Policy
  - Air Service Agreements – Regional, Reachable
- ▶ Aviation Subsector Strategy

## Sea Transport

- ▶ Legislations
  - ▶ Foreign Vessels Registrations
  - ▶ Marine Pollution Policy/ Regulations
  - ▶ IMO Affiliations (all sectors of IMO)
  - ▶ Regional Affiliation
  - ▶ Enhance Maritime Institutions
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▶ FAAFETAI

## TRANSPORT SECTOR OUTCOMES MAP SUMMARY 2019

Sector Vision

*Sustainable, safe, secure and environmentally responsible transport network that supports Samoa's economic and social development and contributes to improving the quality of life for all Samoans*

LONG-TERM OUTCOMES	1. Robust transport sector governance framework	2. Sustainable, climate resilient road transport network	3. Safe, secure and competitive maritime services	4. Upgraded capacity and safety of air transport services	5. Energy efficient and environmentally aware sector
STRATEGIC INITIATIVES (OUTPUTS)	<p>A. Align transport sector governance with international practice.</p> <p>B. Build corporate capacity to monitor and support transport sector performance.</p>	<p>A. Improve the standards and quality of road design and construction.</p> <p>B. Ensure road resurfacing and rehabilitation levels are appropriate to maintain structural integrity.</p> <p>C. Improve resilience of road network to climate change.</p> <p>D. Upgrade aging and understrength bridge infrastructure</p>	<p>A. Upgrade the port facilities to improve safety and capacity.</p> <p>B. Improve financial performance of Maritime SOEs.</p> <p>C. Identify growth and operating efficiency opportunities.</p> <p>D. Maintain a modern, reliable and safe shipping fleet.</p>	<p>A. Develop a robust foundation for growth.</p> <p>B. Ensure all airports comply with international safety and security standards.</p> <p>C. Create an international quality gateway airport to Samoa.</p>	<p>A. Integrate environmentally sustainable and socially responsible practices into infrastructure planning and construction.</p> <p>B. Encourage energy efficiency initiatives within the sector.</p>
ACTIVITIES (truncated overview of MTEF Activities)	<ul style="list-style-type: none"> <li>Enhance governance in line with best practice</li> <li>Strengthen collaboration between transport stakeholders</li> <li>Build corporate management capacity within TSCU</li> <li>Develop and implement MTEF and MEF</li> </ul>	<ul style="list-style-type: none"> <li>Improve capacity of urban arterial roads</li> <li>Outsource more activities to promote private sector and monitor performance</li> <li>Increase road resurfacing and rehabilitation levels</li> <li>Improve climate resilience of West Coast Road and assess wider network vulnerability</li> <li>Improve Cross-Island road</li> <li>Strengthen bridge design and renewal standards</li> <li>Increase bridge renewal program</li> </ul>	<ul style="list-style-type: none"> <li>Upgrade Apia port to accommodate cruise ships and improve safety</li> <li>Implement better navigation aids for Apia port</li> <li>Audit safety standards at all ports</li> <li>Develop Asset Management Plan and Master Plan for ports</li> <li>Implement marketing strategies to improve passenger numbers</li> <li>Continue to improve operating profitability</li> <li>Investigate new port at Vaiusu</li> <li>Review outsourcing practices</li> <li>Increase contributions to VRF</li> </ul>	<ul style="list-style-type: none"> <li>Develop master plan for international flights to Samoa</li> <li>Extend runway to accommodate larger planes at Faleolo</li> <li>Develop air service agreements</li> <li>Continue to improve operating profitability</li> <li>Audit safety standards at domestic airports</li> <li>Maintain ARFS at Cat.8</li> <li>Develop QA program for aviation security compliance</li> <li>Construct new terminal at Faleolo to improve capacity and access</li> <li>Ensure robust maintenance and renewal strategies are in place</li> </ul>	<ul style="list-style-type: none"> <li>Incorporate climate change adaptation considerations into design and construction</li> <li>Include social impact assessment processes in the design and construction of roads</li> <li>Measure and limit vehicle carbon emission</li> <li>Support inclusion of transport emissions in the United Nations Framework Convention on Climate Change</li> </ul>

INPUTS

Establish TSSC | Secured Funding | Training | Consulting Support | Reviewed Policy and Standards | Sustainable Revenue | Project Prioritization Criteria | Annual Reports