



# Training on Climate Change Related Statistics and the System of Environmental-Economic Accounting for Pacific Island Countries

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COUNTRY: Samoa

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## Outline



- Introduction
- National vision
- Environment concerns
- Stakeholders and data sources
- Existing account compilation
- Constraints
- Opportunities



## Country background



### Samoa:

- Consist of 2 main islands Savaii and Upolu
- Total population of 95,000 (2016 census)
- Total land area of 2,830sq.km
- Climate change vulnerability
- SEEA Accounts compilation



## National vision



Strategy for the Development of Samoa  
“Improved Quality of Life for All”

*Theme: Boost productivity for sustainable development*



# Environmental concerns



- Natural disasters
- Resilience of agriculture and fisheries
- Energy dependence
- Decrease in forest cover from cyclone, fires, expansion
- Degradation of coastal habitats
- Invasive species, non-native forest species, threatened species
- Wastes
- Climate variability
- Forest clearance, overexploitation of natural resources, non-sustainable development.



# Policy priorities and tools



## POLICY PRIORITIES

### Economic

- Macroeconomic Resilience
- Agriculture and Fisheries Productivity
- Export Products
- Tourism Development

### Social

- Quality Education and Training
- Social Institutions Strengthened

### Infrastructure

- Transport Systems and Networks Improved

### Environment

- *Environmental Sustainability*
- Climate and Disaster Resilience
- Environment resilience



# Policy priorities and tools



## Policy Tools

### ACTS

- Water Resources Management Act 2008
- Waste Management Act 2010
- National Parks and Reserve Acts 1974
- Planning and Urban Management Act 2004
- Ministry of Works Transport and Infrastructure Act
- Disaster and Emergency Management Act 2007

### REGULATIONS

- Protection of wildlife regulations 2004
- Marine wildlife protection regulations 2009
- Planning and Urban Management (EIA) Regulation 2008
- Water licensing regulations 2011



# Policy priorities and tools cont.



## MULTILATERAL ENVIRONMENT AGREEMENT

- United Nations Framework Convention on Climate Change 1994
- United Nations Framework Convention on Biological Diversity 1994
- Kyoto Protocol Framework convention on climate change 2000
- United Nations Framework on Forestry 2003
- Conventions on the Conservation of Migratory Species of Wild Animals 2005



## Data sources



- Population and Housing Census (2016)
- Government Finance Statistics
- Integrated Business Information Database
- Surveys
- Administrative data
- Some climate, conservation, energy, forest, GHG, ODSS, waste statistics etc
- Samoa's State of the Environment (SOE) Report 2013
- Existing compilations
- Experimental Water Accounts (with support from ESCAP and ABS)



## Stakeholders



### Data providers:

- Ministry of Natural Resources and Environment (Leading Agency)
- Ministry of Agriculture and Fisheries
- Scientific Research of Samoa
- Ministry of Works Transport and infrastructure
- Ministry of Women Community and Social Development
- Samoa Water Authority
- Tourism Authority
- Samoa Trust Estate Corporation (STEC)
- **Samoa Bureau of Statistics**

### User:

Ministry of Finance, Ministry of Natural Resources and Environment, Public, Researchers



## Role of national statistics



- Collect, collate, analyze and present data
- Provide accurate, relevant, quality and timely statistics
- Conduct or assist environment surveys e.g. Agriculture survey, WASH, Sanitation
- Census
- Integrated business information database



## Existing compilations



### **THE SEEA CENTRAL FRAMEWORK**

- 2013 Samoa Establish an Environment Unit
- 2013 – Introduction of SEEA Central Framework through regional training
- Identified priority areas via stakeholder consultations 2014 and Recommend
  - Water Account
  - Waste Account
  - Energy Account
- 2018 mission with SEEA experts to revisit, review and update the Accounts
  - 2 Water Accounts Publish for FY11/12-FY3/14 and FY2014-15
  - Drafted waste account
  - Compiling Energy Accounts
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## Constraints



- Lack of staff capacity
- Data availability
- Quality of data
- Institutional coordination
- Data sharing
- - Confidentiality
- Financing



## Opportunities: Priority Actions



### Priority Actions:

*Account: Water-* Improve PSUT

Action: Need to verify some missing data and include other industries like crop production

*Account: Waste –* Recheck collection data

Action: Verify from responsible Ministry, existing reports, survey reasons of waste collections data and apply appropriate method for missing data.

*Account: Energy –* Data collection in progress

Actions: still waiting for data from data providers

Need to consider all fuels, energy balance (data already provided)



# Thank you

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