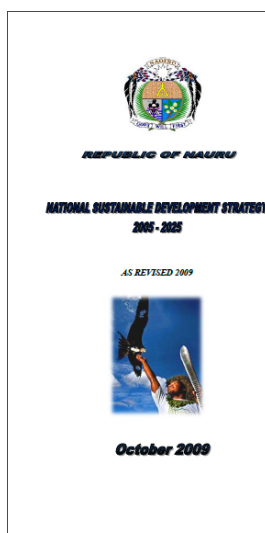


Preliminary national diagnostic for environment statistics

COUNTRY: NAURU

PRESENTER: ROSCO CAIN & ARRORA DEIYE

National vision



“A future where individual, community, business and government partnerships contribute to a sustainable quality of life for all Nauruans” –NSDS 2005-2025 (revised 2009)

- Sustainable use and management of the environment and natural resources for present and future generations
- Effective management of waste and pollution that minimizes negative impacts on public health and environment
- Provide a reliable, safe, affordable, secure and sustainable water supply to meet socio-economic development needs
- Provide a reliable, affordable, secure and sustainable energy supply to meet socio-economic development needs
- Enhance resilience to climate change impacts

Environmental concerns

Energy

Overreliance on fossil fuel for electricity generation

- 97% fossil fuel, 3% renewable energy source (2018 estimates)

Lack of energy conservation and efficiency

- Import regulations need to be reviewed

Overreliance of fuel in the transport sector

- 17,000 tons of CO² estimated

Solid waste

No environment legislation or legal framework in place

No proper chemical waste disposal systems

- such as for waste oil and asbestos

No proper landfill for solid waste

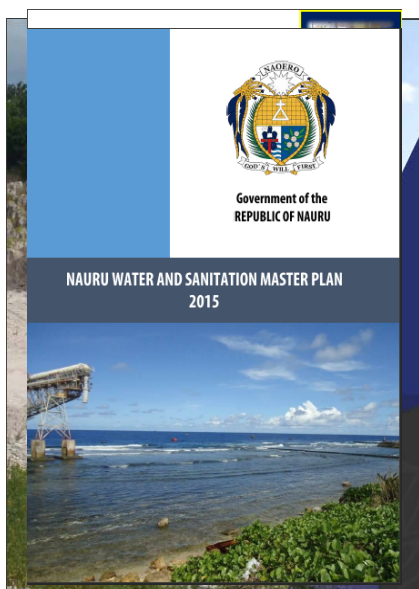
- Currently open dump
- Methane build up

Water

Resilience to drought

National water storage

Policy priorities and tools



Nauru Energy Road Map (NERM 2018)

- 24/7 grid electricity supply with minimal interruptions.
- 50% of grid electricity supplied from renewable energy sources.
- 30% improvement in energy efficiency in the residential, commercial and government sectors.

Republic of Nauru Framework for Climate Change Adaptation and Disaster Risk Reduction (RONAdapt 2015)

- Fill knowledge gaps and increase access to baseline information (common target for water, agriculture, health, fisheries and energy sectors)
- Strengthen human capacity (common target for water, agriculture, health, fisheries and energy sectors)
- Expand environmental monitoring capacity
- Reduce coastal risks to key infrastructure

Nauru Water and Sanitation Master Plan (2015)

- Increase water supply and storage capacity
- Drought management
- Rehabilitate and protect groundwater resources

National Solid Waste Management Strategy

- Sustainable management of waste and pollution

Stakeholders and institutions

Stakeholders in environment sustainable development :

Department of Commerce Industry and Environment (CIE)

Minister for CIE

Cabinet

CIE Project Steering Committee (PSC)

CIE Technical Working Groups

Development Partners

Ministry of Finance and Sustainable Development

Planning and Aid Division (PAD)

Bureau of Statistics (BoS)

Nauru Utilities Corporation (NUC)

Ministry of Health, Education, Women's Affairs

Nauru Fisheries and Marine Resources Authority (NFMRA)

Nauru Rehabilitation Corporation (NRC)

Republic of Nauru Phosphate (RONPHOS)

Role of the National Statistical office in environment statistics:

- very limited at this stage

- CIE's Water Unit is working with the Bureau of Statistics to incorporate water related statistics into their surveys.

Data sources

Nauru Utilities Corporation

- Diesel and fuel import for GHG emission estimates
- Energy usage, generation capacity

Department of Transport

Nauru Revenue and Customs Office

- Specifically for import data relating to electrical appliances and white goods

Nauru Rehabilitation Corporation

- estimating weights of collected solid wastes

Project based individual surveys among communities and private firms

- Such as information for asbestos and waste oils

Most data and information relating to environment is collected and stored via an online repository maintained by CIE

Existing compilations

No SEEA account prepared

Republic of Nauru First and Second National Communication (UNFCCC report)

Very limited compilation of environment statistics or similar official publications; most statistical work are limited to project based activities

As noted earlier, CIE maintains an online database



Priority environment data needs

Need data on deforestation and local impact of climate change

Baseline data for the environment sector (including water, energy, waste and climate change) is lacking and need to be established

Solid and chemical waste data, especially waste oil data



Constraints

Lack of technical capacity/expertise

Coordination issues; problems with information sharing


Lack of and environment legislation and similar regulatory framework

Lack of political will

Priorities towards economic gains

No baseline data/general lack of capacity to compile data

Lack of funding



Opportunities: Priority Actions

Department of Commerce Industry and Environment should establish a Technical Working Group to organize and manage Nauru's environment statistics

Bureau of Statistics to establish the Statistics Advisory Committee



Questions?

