

INFRASTRUCTURE SECTORS

Energy

Goal: Provide a reliable, affordable, secure and sustainable energy supply to meet socio-economic development needs

Key Performance Indicators: Proportion of renewable and alternative energy to total energy production
 Cost of total fuel consumption
 Number and duration of power supply disruptions

| Strategies | Short-term Milestones 2012 | Medium-term Milestones 2015 | Long-term Milestones 2025 | Responsibility |
|--|--|--|---|---|
| Implement National Energy Policy Framework (NEPF) addressing: | Monitoring implementation of NEPF conducted by CIE NUA status as an autonomous entity clarified through regulation or policy | NEPF policy review and updating coordinated by department of environment | Implementation and monitoring of NEPF undertaken successfully | Department of Commerce Industry and Environment and Nauru Utilities Authority |
| (i) cost effective, secure and sustainable procurement and supply of fuel | A reliable fuel supply contract maintained Fuel bulk procurement arrangements and long term sustainable options developed | Fuel bulk procurement agreement secured and maintained Fuel storage and distribution infrastructure maintained to meet international safety standards Total energy supplied from fossil fuel decreased by 50 percent | Cost of total fuel consumption resulting from inter alia efficiency gains decreased by 30 percent | Nauru Utilities Authority and Departments of Commerce and Finance |
| (ii) reliable and efficient energy supply and distribution | Electricity power supplied to all users (households and businesses) 24/7 and at affordable cost Power generation capacity sufficient to meet domestic demand Power utility and distribution infrastructure maintained to meet international safety standards | Electricity losses and leakage reduced to less than 10 percent of power production and distribution through efficiency improvements | No or very little power outages occurring particularly failures caused by equipment malfunctioning or technical / human error | Nauru Utilities Authority |
| (iii) Management of demand focusing on consumption efficiency and conservation | Electricity power demand reduced by 30 percent through increased consumption efficiency and conservation measures (e.g. as evidenced by prepaid meters installation) | Electricity power demand reductions maintained at least 30 percent levels Energy efficiency and conservation and renewable energy principles incorporated into school educational and community programs | Individual consumers and businesses more knowledgeable about conserving power and technology application | Nauru Utilities Authority and Departments of Commerce and Education |

| Strategies | Short-term Milestones 2012 | Medium-term Milestones 2015 | Long-term Milestones 2025 | Responsibility |
|--|---|---|---|--|
| (iv) increased use of renewable energy and other alternative forms of energy | Use of renewable energy and solar photovoltaic promoted widely and implemented Wind power feasibility study completed and its findings/recommendations implemented | Renewable energy comprised 50 percent of total energy supply in Nauru Wind power energy piloted in Nauru for wider application | Other alternative forms of energy explored and their feasibility examined | Nauru Utilities Authority and Department of Commerce |

Water and Sanitation

Goal: Provide a reliable, safe, affordable, secure and sustainable water supply to meet socio-economic development needs

Key Performance Indicators: Proportion of population accessing regular and safe drinking water and improved sanitation facility (MDG)
 Proportion of rain and ground water harvesting to total water production
 Potable water available to each person on Nauru on a daily basis

| Strategies | Short-term Milestones 2012 | Medium-term Milestones 2015 | Long-term Milestones 2025 | Responsibility |
|---|--|--|---|---|
| Develop a national water resource management policy to guide the sustainable use and management of water resources in Nauru | A national water resource management policy developed and implemented Assessment of groundwater resources completed Assessment of water demand during drought periods completed General public and communities knowledgeable about water management and conservation measures | Regular supply of water available to all households and businesses Water use and sanitation guidelines developed and implemented Assessment of recycled water completed Long-term sustainable options developed to ensure water is available during drought periods | Universal access to reliable, safe and affordable supply of water Rain and ground water harvesting comprised 50 percent of total water production Program initiatives designed and implemented for recycled water Improved water supply available during drought periods | Department of Environment and Nauru Utilities Authority |
| Improve water storage capacity and infrastructure | Improvements to water catchments and infrastructure revamped and maintained (e.g. installation of guttering and downpipes and renovation of existing water tanks) | Water catchment and storage capacity expanded Water losses and leakage reduced | Rainwater harvesting production increased by 50 percent | Nauru Utilities Authority |
| Ensure optimal use of groundwater resources | Guidelines for optimal use of groundwater resources developed | Improvements made to groundwater harvesting infrastructure | Improved quality of groundwater supply | Department of Environment and NUA |
| Provide cost-effective measures for water supplied through reverse osmosis | Enhance efficiency of reverse osmosis production through improvements to desalination plant and equipment | Cost-effective sustainable options for addressing water supplied through reverse osmosis implemented | Dependence on water supplied through reverse osmosis process maintained at cost-effective and sustainable levels | Department of Environment and NUA |

Waste and Sewerage**Goal: Effective management of waste and pollution that minimizes negative impacts on public health and environment**

Key Performance Indicators: Proportion of waste effectively and sustainably managed
 Number of national and sector policies, plans and programs in which waste and pollution issues have been integrated

| Strategies | Short-term Milestones 2012 | Medium-term Milestones 2015 | Long-term Milestones 2025 | Responsibility |
|---|--|--|--|---|
| Strengthen the waste and sewerage sector by enhancing the capacity to manage solid and hazardous waste and sewerage | National solid waste management strategy finalized and implemented Hazardous waste management strategy developed (Waigani Convention) | National implementation plan (NIP) developed (Stockholm Convention) and implemented | Pollution and waste management efforts become sustainable | Department of Environment and Nauru Rehab Corporation |
| Develop marine pollution management strategies | | Marine Pollution Prevention legislation (MPPA) drawing upon the regional model developed A National Marine Pollution Advisory Council to implement the MPPA established National Marine Pollution Contingency Plan (NATPLAN) developed | Regulations for sustainable financing for marine pollution management activities developed and implemented | Departments of Environment, Ports Authority & NFMRA |

Transport**Goal: Improve transport infrastructure and provide reliable and affordable public transport service**

Key Performance Indicators: Public transport vehicles per capita
 Value of Public expenditure on roads
 Frequency of international air and sea links

| Strategies | Short-term Milestones 2012 | Medium-term Milestones 2015 | Long-term Milestones 2025 | Responsibility |
|---|---|--|---|-----------------|
| Contract out road maintenance comprising: cleaning of blocked drainage; rehabilitation of road side protection; resealing of damaged roads; maintenance and rehabilitation of street lights | Contract awarded and works carried out. Contract performance reports prepared. | Road works and regular maintenance carried out | Well maintained road network throughout Nauru | Chief Secretary |
| Establish private sector mechanism to provide regular, reliable, low cost public road transport | Private sector provides public transport | Private sector provides regular, reliable, low cost public road transport service | | Transport |
| Maintain Government vehicles | Government vehicles maintained in accordance with specified maintenance schedule Provision of increased number of school buses for growing student population | Government vehicles in good running condition | | Transport |
| Refurbish and develop port infrastructure for vessel handling | Procurement of barges, raft, mooring certification and repairs. Construction of an interim Ports building Long term wharf and port infrastructure plan approved | Wharf and port infrastructure completed and effective vessel and cargo handling operations established | Efficient transport infrastructure operating. | Ports |
| Develop regular sea freight service | Affordable, reliable shipping service negotiated and available through Sub regional Shipping arrangements | Reliable and regular sea freight service available | Efficient, regular and sustainable sea freight service. | Transport |

| Strategies | Short-term Milestones 2012 | Medium-term Milestones 2015 | Long-term Milestones 2025 | Responsibility |
|---|---|---------------------------------------|------------------------------|----------------|
| Maintain safe, reliable and economically sustainable air services | Increased frequency of air services available Airport safety and security standards meet minimum international requirements Refurbished civil aviation infrastructure Runway resurfaced. | Airport security standards maintained | | Civil Aviation |

Communications and media

Goal: Provide universal and reliable access to internationally competitive communication services and an independent and commercially viable media

Key Performance Indicators: Cellular subscribers per 100 population (MDG)
 Internet users per 100 population (MDG)
 Proportion of local content on TV
 Copies of local newspapers sold in a week

| Strategies | Short-term Milestones 2012 | Medium-term Milestones 2015 | Long-term Milestones 2025 | Responsibility |
|--|---|--|---|----------------|
| Develop an ICT sector that delivers a range of services to subscribers at reasonable cost and is responsive to changes in technology and consumer expectations | Ability to map Nauru's ICT progress against ITU ICT Development Index (IDI) indicators, WSIS targets and MDG goals. Strategy developed for Internet access for all households | Nauru measures performance against ITU ICT Development Index (IDI) indicators, WSIS targets and MDG goals. National internet gateway is capable of meeting subscriber demand. Broadband infrastructure capable of reliably providing an Internet connection at a speed of at least 1024kbps to subscribers | Phone and Internet access available to all households | ICT |
| Create a competitive market in the provision of telecommunication services | Open market to new competitors | Competitive market Reduction in prices and efficient telecommunication services | | |
| Profitable and reliable postal and philatelic services provided to the public, business and government at reasonable cost | Modern work practices and technology introduced. Increased sales of philatelic products. International mail delivery standards achieved. Private sector courier companies operating | | | Nauru Post |
| Improve radio and TV and introduce a regular newspaper | Increased local content on TV Operational newspaper with more regular output and more pages Inclusive talk-back radio operational and higher professional output on radio | | | Home Affairs |

| Strategies | Short-term Milestones 2012 | Medium-term Milestones 2015 | Long-term Milestones 2025 | Responsibility |
|---|--|--------------------------------|---|----------------|
| Increase the independence of the media and encourage community owned media enterprise | Strategy prepared and adopted for more independent media including independent community radio | Independent media operating | A vibrant democracy in which access to information enhances public participation in decision-making | Home Affairs |