

Energy Policy Overview

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Country Overview

- 1,192 islands.
 - 190 Inhabited Islands.
 - 107 Resorts
 - 60 Industrial/agricultural islands
- Total land area 300 km²
- Islands range b/w 0.2 – 5 km²
- Population approx. 350,759
- Economy - Tourism and Fishing
- No proven non renewable energy resources



Energy Sector Overview

- Entirely dependant on imported fossil fuel in meeting energy demand
- Fuel import :18% of GDP

In 2015

- **Total energy import ,2014 – 3,235,914,610 MT**

GOVERNANCE AND OPERATION

Ministry of Environment and Energy

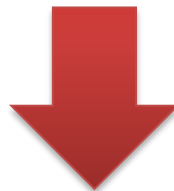
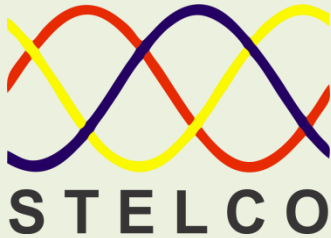
Maldives Energy Authority



STELCO

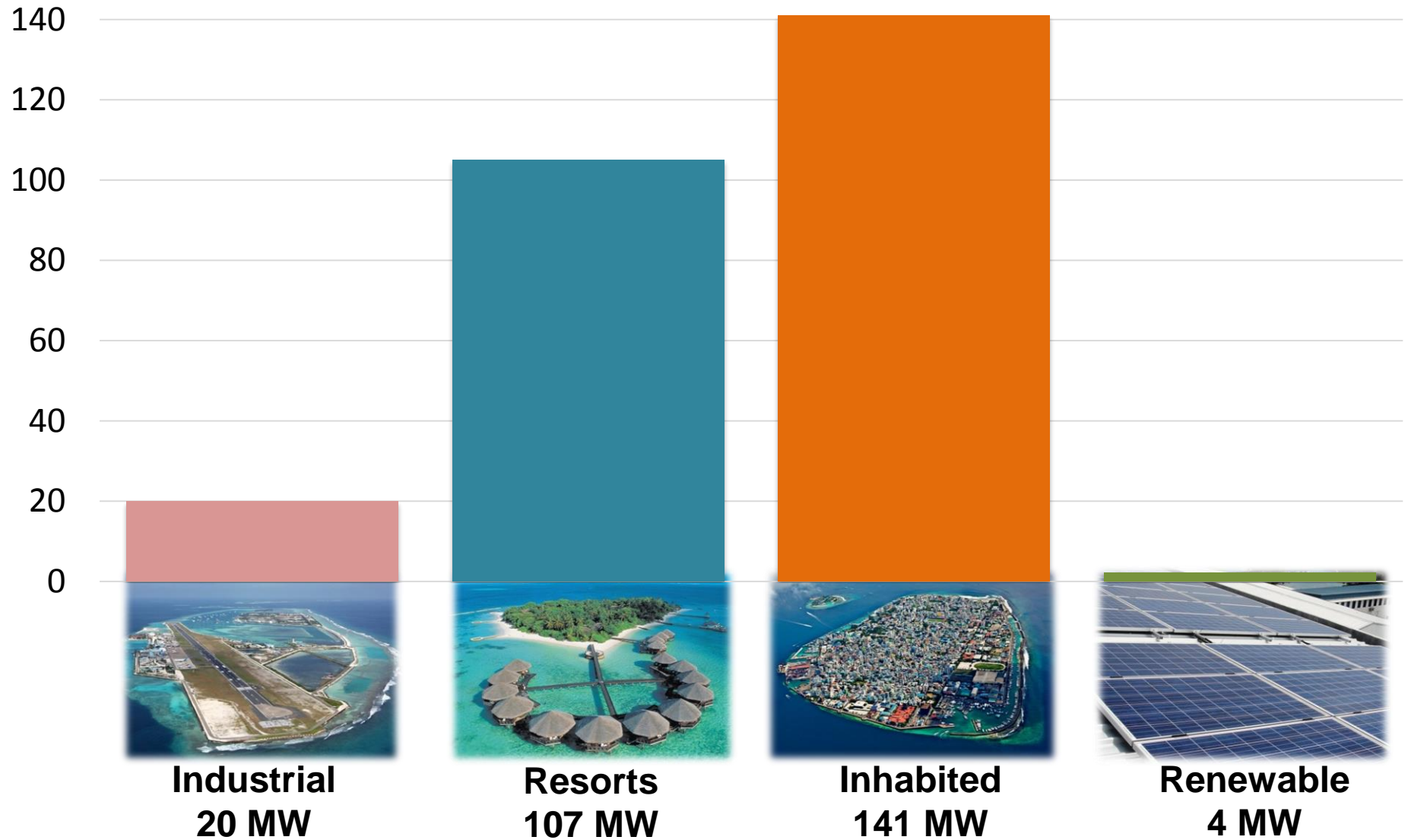
MWSC

FENAKA



Consumers

Electricity Installed Capacities



Total Installed Capacity : 270.5 MW

CONTEXT FOR ENERGY SECTOR TRANSFORMATION IN THE MALDIVES

COST OF ELECTRICITY

0.3 – 0.7 USD/kWh
Subsidies of 50% for some categories

ENERGY SECURITY

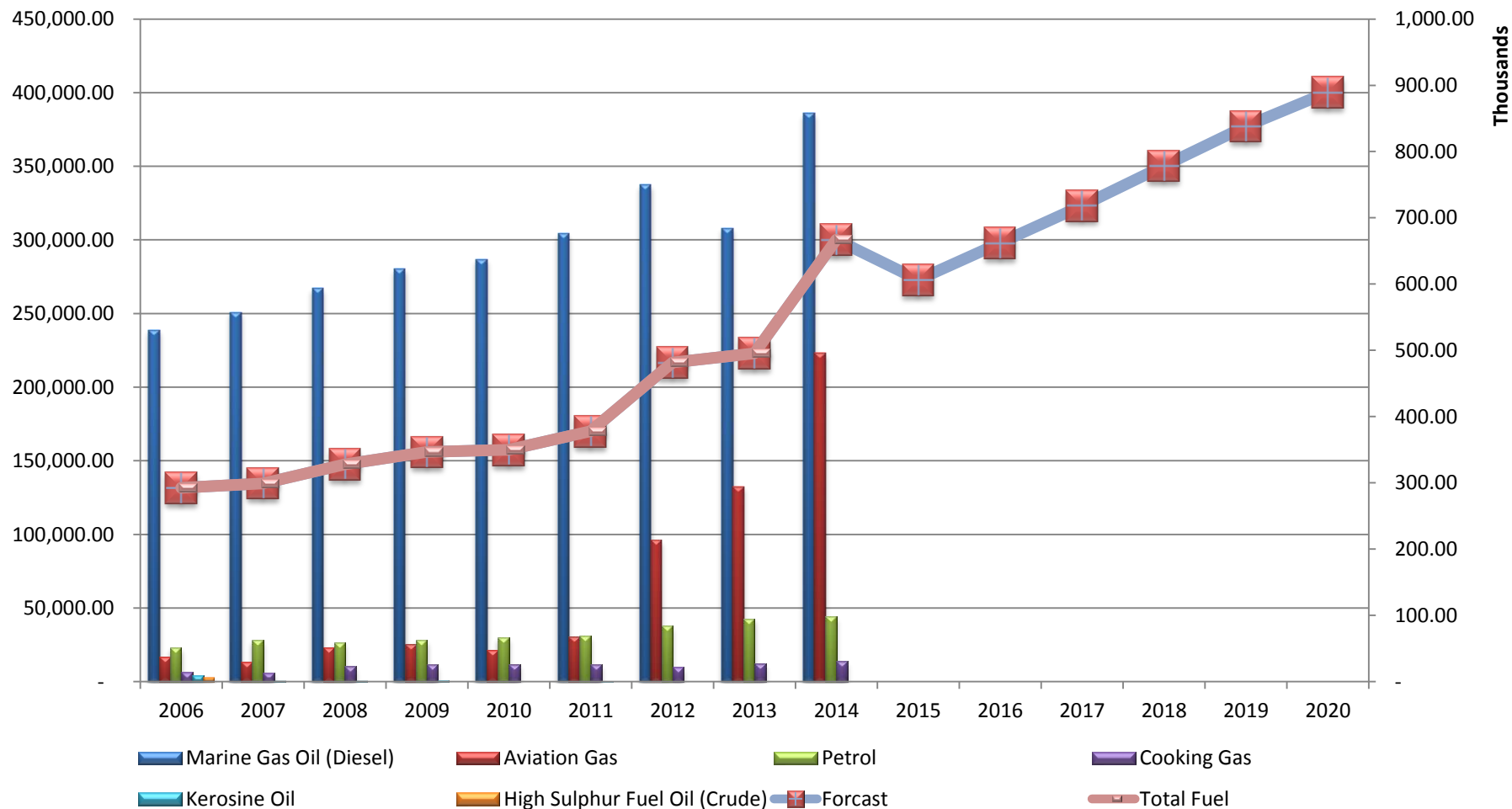
Limited indigenous sources
100% electricity through imported fuels
Fuel import ~20% of GDP

CARBON EMISSIONS

Ambitious emission reduction targets for the energy sector



Fuel import forecast 2020



Energy Sector Policies & Plans



MALDIVES NATIONAL ENERGY POLICY & STRATEGY

Renewable Technologies

Affordable

Growth

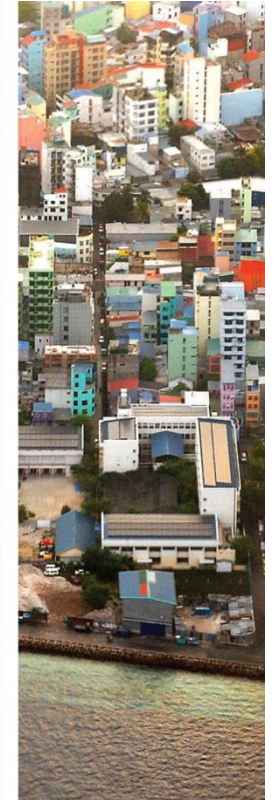
Sustainable

Carbon Neutrality

Security

Efficiency & Conservation

Ministry of Housing and Environment
2010



MALDIVES SREP INVESTMENT PLAN 2013 - 2017



Ministry of Environment and Energy
Republic of Maldives



Energy Policy and Strategies Cont...



- Policy 1: STRENGTHEN THE MANAGEMENT CAPACITY OF THE ENERGY SECTOR
 - 1.1. Strengthen the institutional and legal framework of the energy sector
 - 1.2. Ensure all activities in the energy sector produce the maximum economic, social and environmental benefits
 - 1.3. Encourage private sector participation and competition in the supply of energy sector services



Energy Policy and Strategies Cont...



- Policy 2: PROMOTE ENERGY CONSERVATION AND EFFICIENCY
 - 2.1 Ensure improvement of energy efficient equipment, appliances, vehicles and housing
 - 2.2 Create awareness among general public, government and private sectors on energy efficiency and energy conservation opportunities



Energy Policy and Strategies Cont...



- Policy 3: PROMOTE RENEWABLE ENERGY TECHNOLOGIES
 - **3.1 Compile and assess all data and information necessary to promote renewable energy investments**
 - **3.2 Create enabling framework for large scale promotion of renewable energy investments**
 - **3.3 Prepare and implement a project pipeline of priority renewable energy projects and seek funding for priorities**



- Policy 4: PROVIDE ALL CITIZENS WITH ACCESS TO AFFORDABLE AND RELIABLE SUPPLY OF ELECTRICITY
 - 4.1 Ensure that both continued reliance imported fuels and any eventual production of hydrocarbons within Maldives support economic, social and environmental development throughout the country
 - 4.2 Ensure safety in the supply and distribution of fuel and ensure that storage facilities meet the required minimum national and international standards

Energy Policy and Strategies Cont...



- Policy 5: ADOPT AN APPROPRIATE PRICING POLICY FOR THE ENERGY SECTOR
 - **5.1 Establish a regulatory framework and tariff regime that underpins utility's commercial viability and ability to effectively plan and implement necessary upgrading of its assets**
 - **5.2 Ensure that operational performance and efficiency of utilities within acceptable industry standards by end of 2016**



Ongoing Activities



- Create an enabling environment for the investments
- Install RE up to 30% of day peak load in all inhabited islands
- Promote energy efficiency and conservation





THANK YOU

