



IEEJ : August 2014

# Country Report –Part II

## By

# Republic of the Union of Myanmar

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3.6.2014

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- **Energy Resources**
- **Energy Supply and Demand Situation**
- **Energy Projection**
- **Country's Energy Policy**
- **Challenges**

## Energy Resources

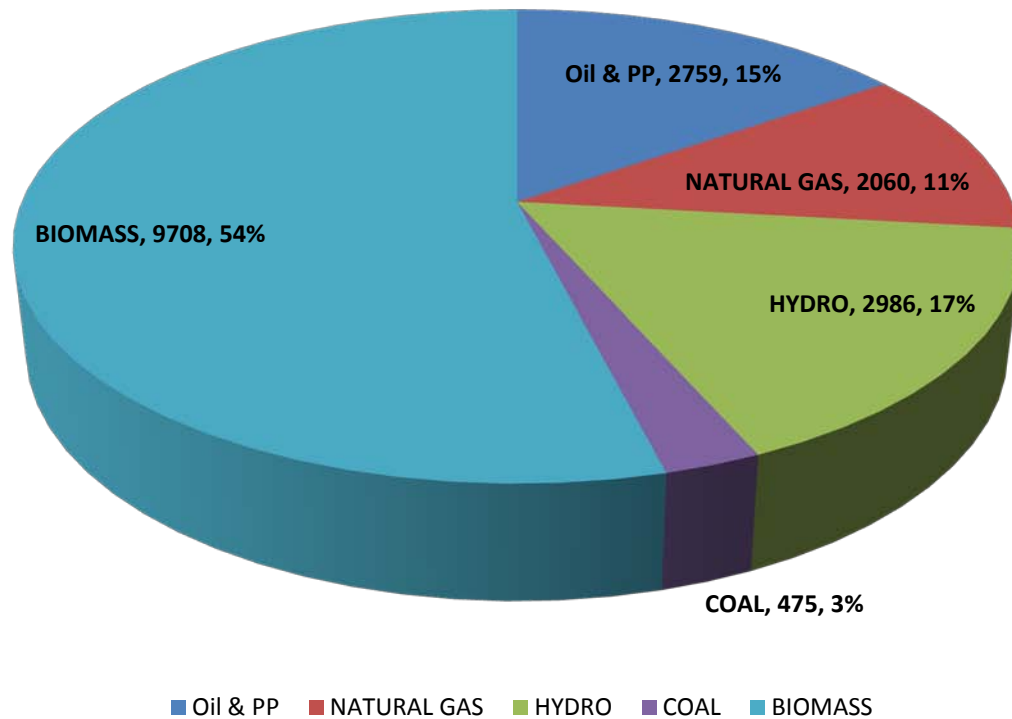
Oil	160 million barrels (Proven Reserve)
Gas	11.7 trillion cubic feet
Hydro	More than 100,000 MW (Potential) 46101 MW in 92 locations (Assessed by MOEP)
Coal	540 million tons (Estimated Reserve)
Biomass	~ 47% of total land area is covered with forest
Wind	365.1 TWh/ year (Assessed by NEDO)
Solar	51973.8 TWh/ year (Assessed by NEDO)
Geothermal	93 Location (26-65 C)
Oil Shale	720- 3300 million barrels (Gross Estimate)
Other	Tidal, Wave, etc

## Production and Generation

Source	Production	Remark
Crude Oil	19400 barrels/day	
Natural Gas	1865 MMCFD	1500 MMCFD for export, 365 MMCFD for Domestic
Power Generation	10965 GWh/ year	3831.5MW installed capacity (incl; hydro, gas, diesel, mini-hydro)
Coal	700 tons/ year	

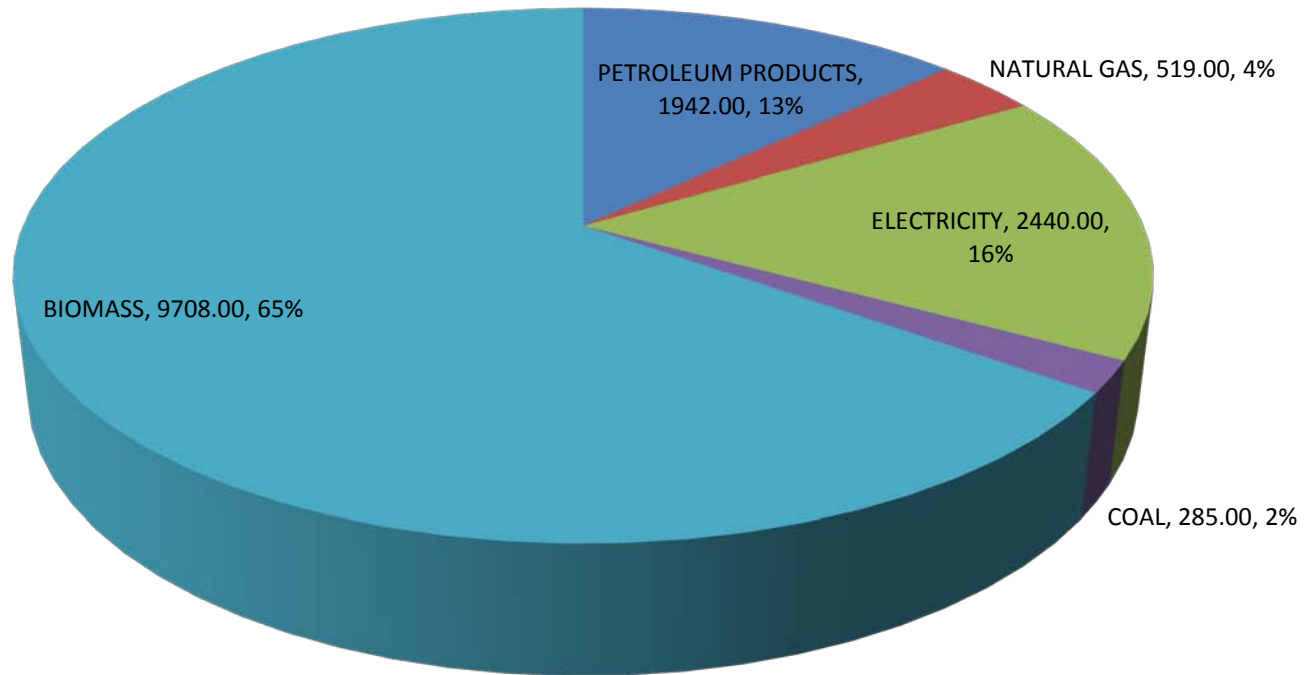
# Primary Energy Supply in FY 2012-13

Primary Energy Supply(2012-13)-ktoe



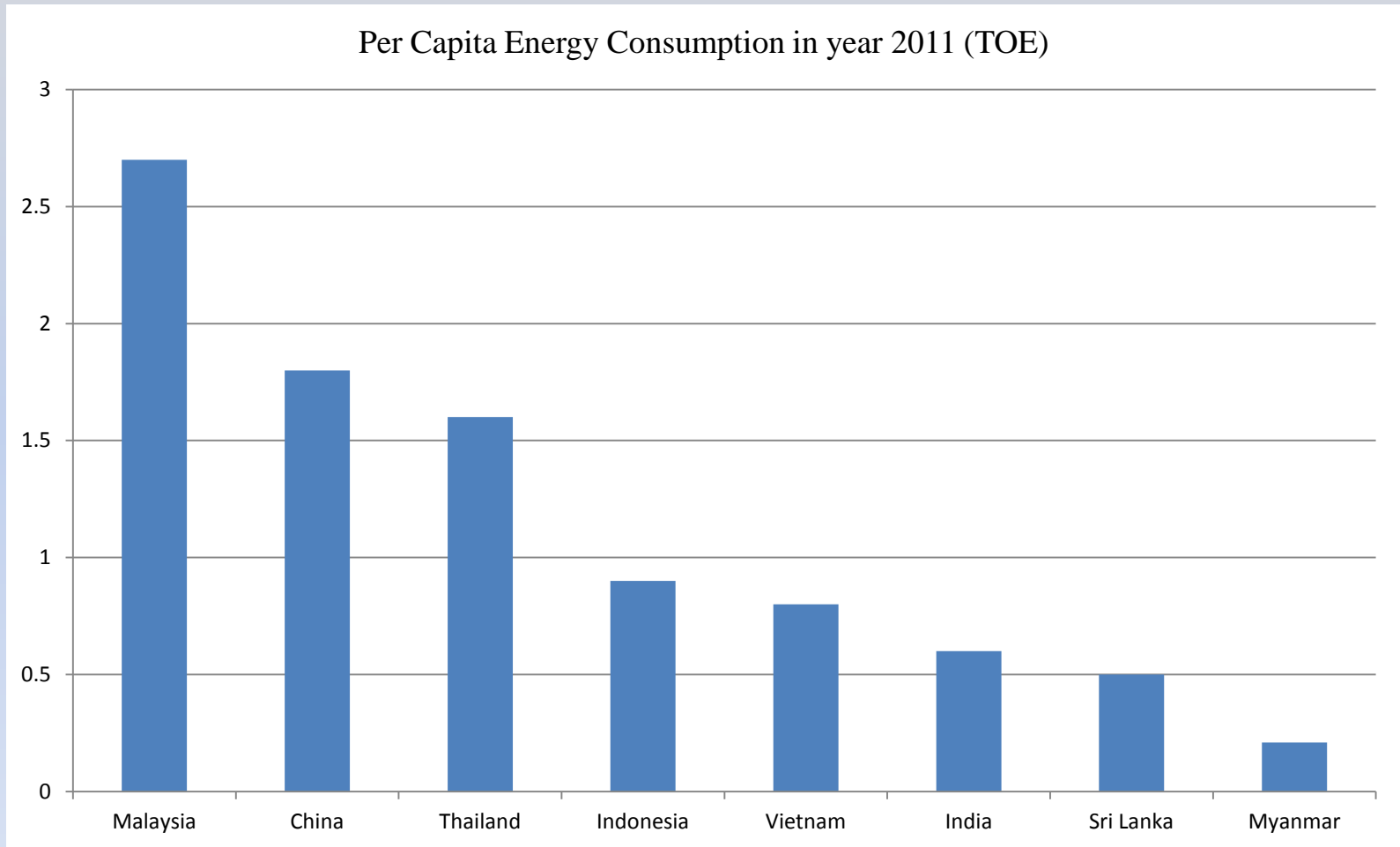
# Final Energy Consumption in FY 2012-13

## Final Energy Consumption[2012-13]-ktoe



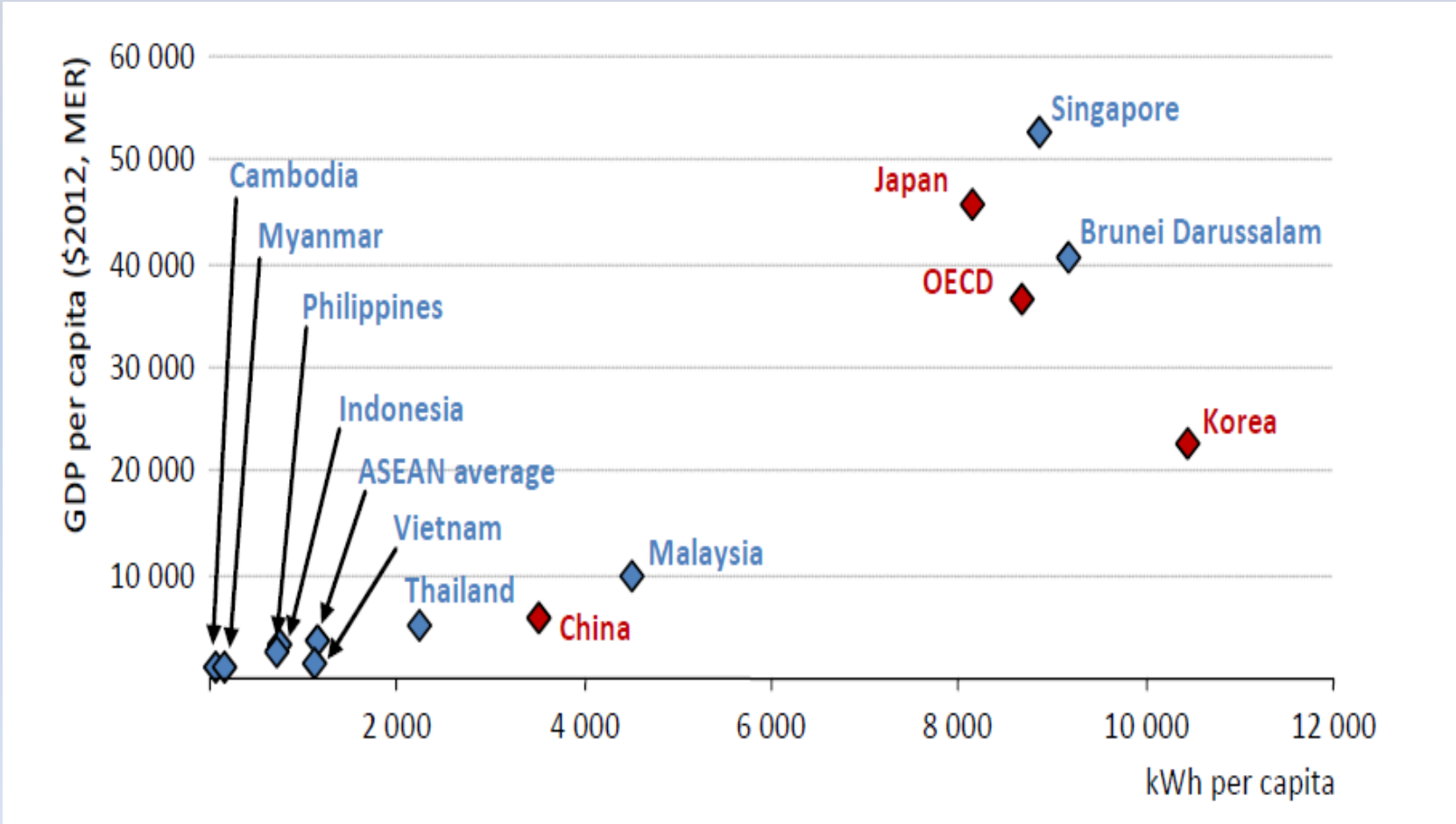
■ PETROLEUM PRODUCTS ■ NATURAL GAS ■ ELECTRICITY ■ COAL ■ BIOMASS

# Per Capita Energy and Electricity Consumption in year 2011



Myanmar: per capita Energy Consumption 0.21 TOE

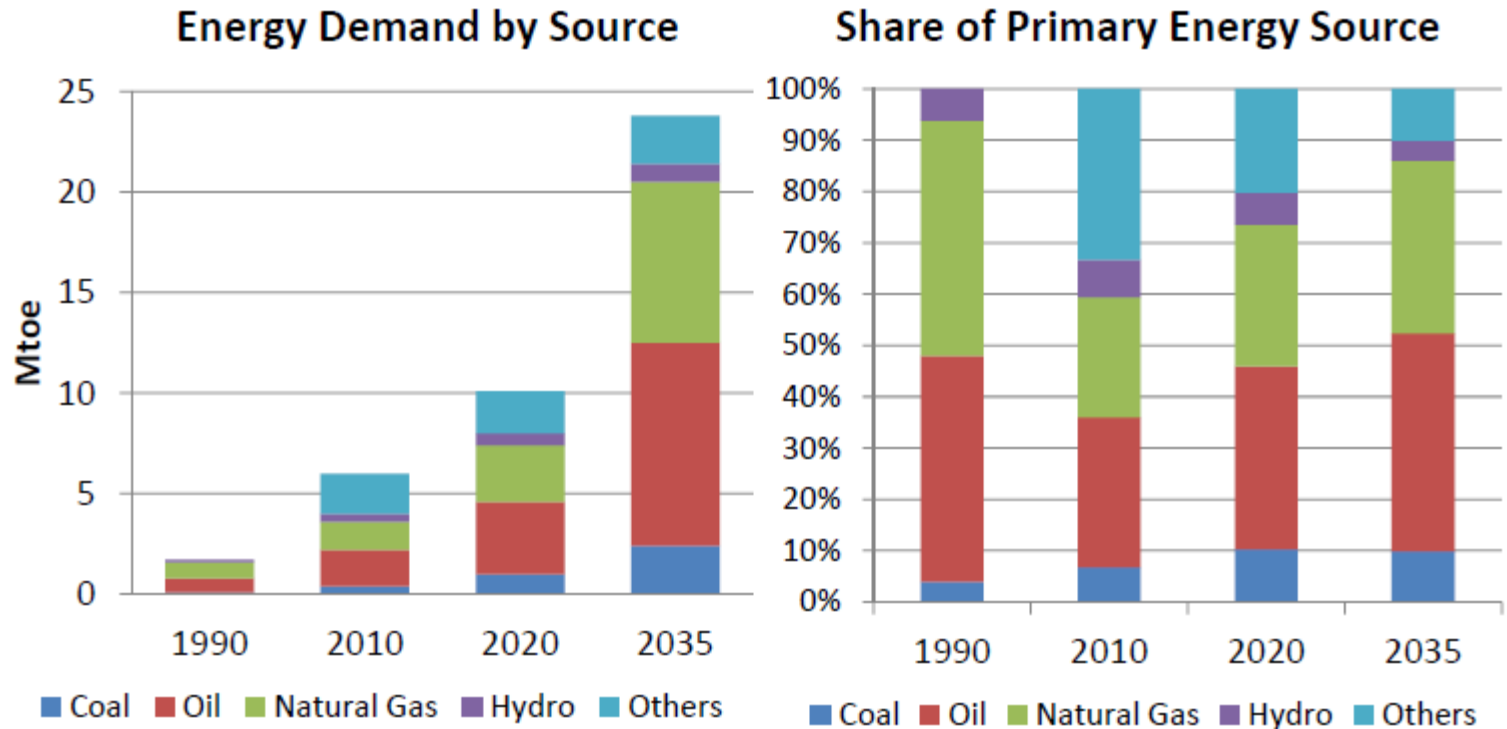
# Per Capita Energy and Electricity Consumption in year 2011



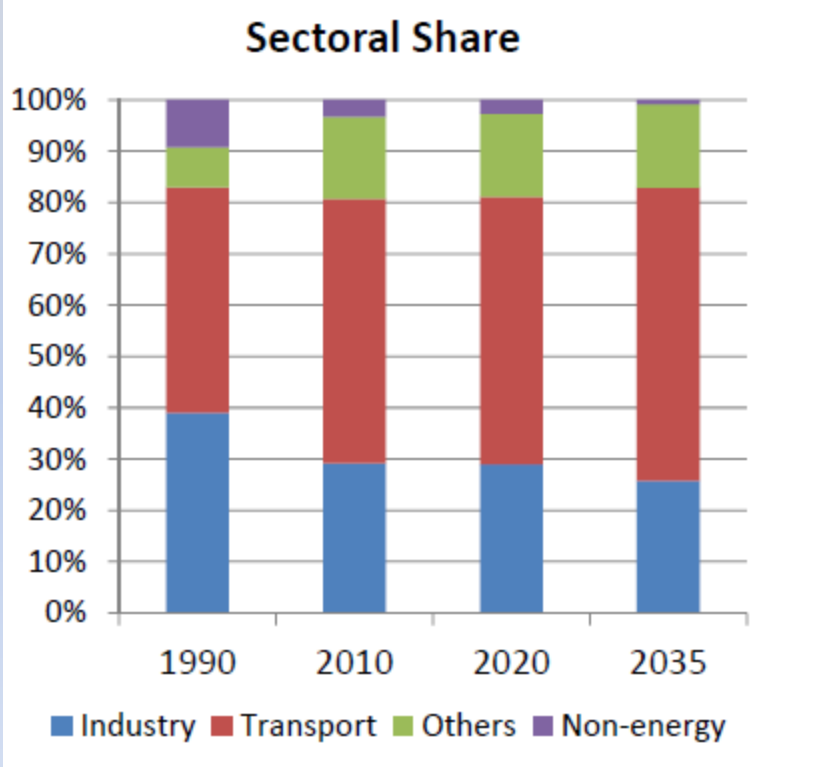
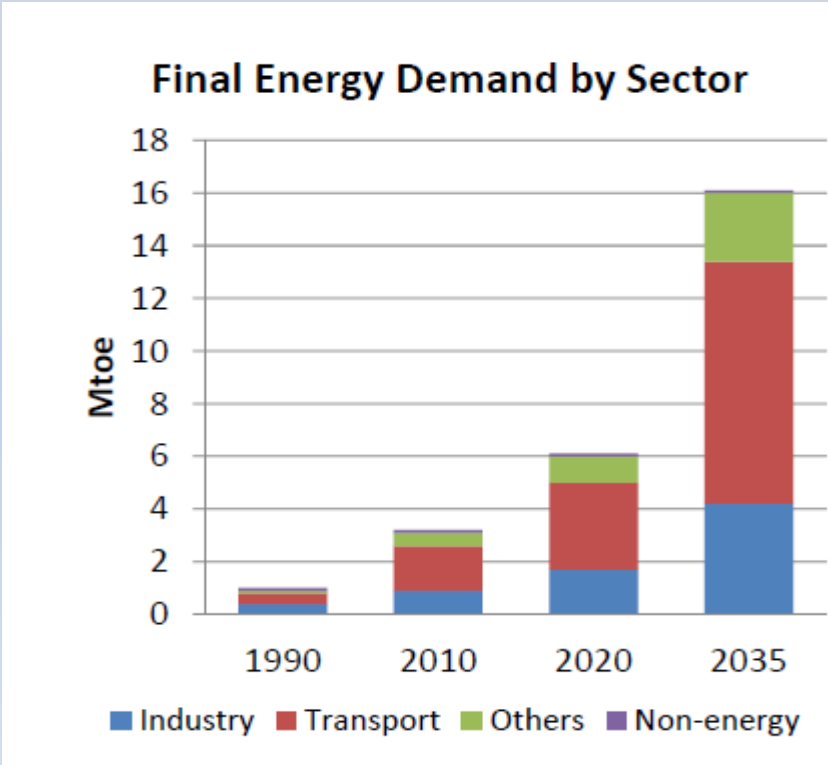
Myanmar: per capita Electricity Consumption 180 kWh



# Demand Forecast: Primary Energy



# Demand Forecast: Final Energy Consumption



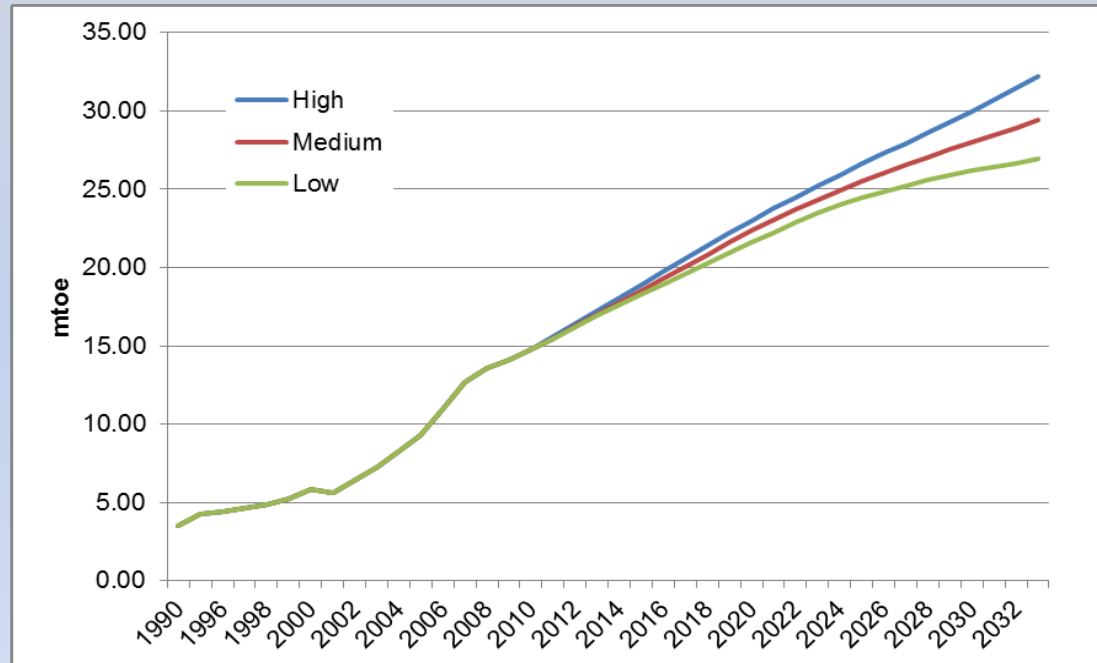
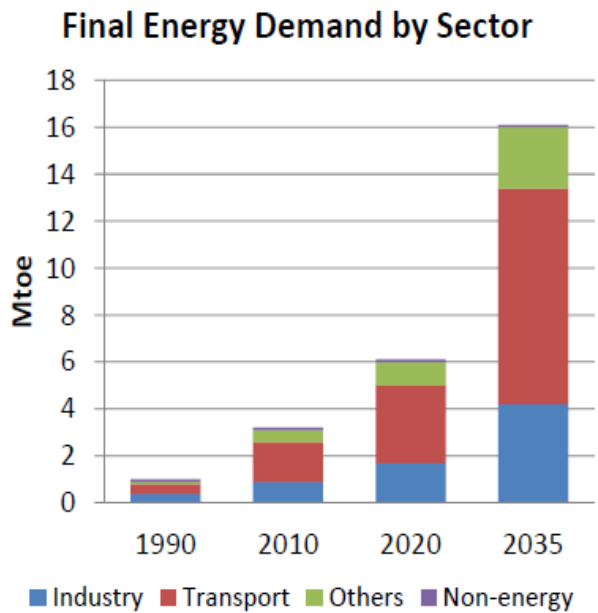
# Long Term Energy Master Plan

- Economic Growth Outlook
- Energy Statistics and Energy Balance
- Energy Demand Forecast
- Expansion Plan
- Financial Analysis
- Energy Policy and Institutional Arrangements



Transport  
Household  
Agriculture  
Industry  
Commercial  
Electricity

# Preliminary Phase result



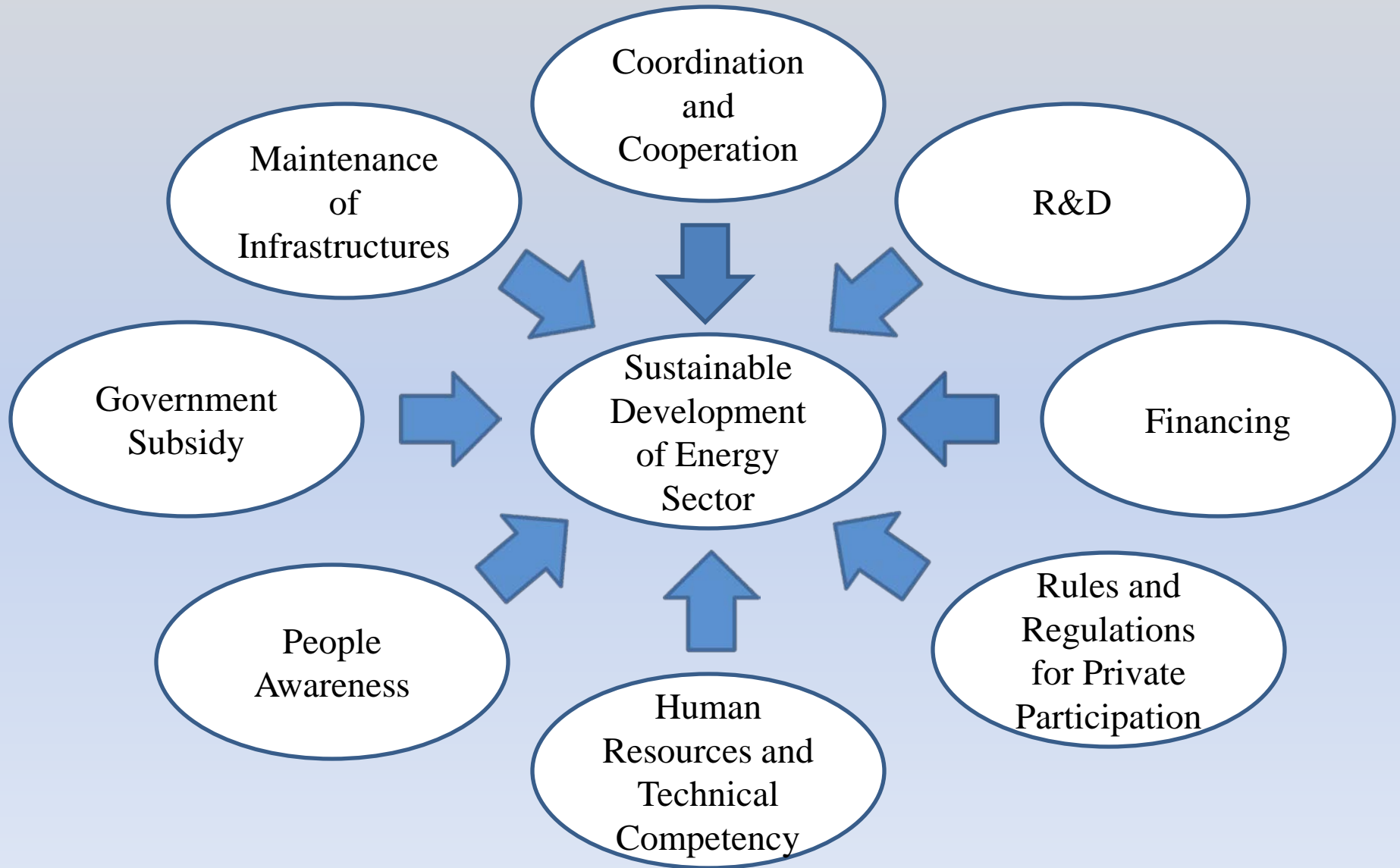
# Energy Concerned Ministries

Ministry of Energy	- Oil and Gas, Geothermal
Ministry of Electric Power	- Electricity, Solar
Ministry of Coal	- Coal
Ministry of Industry	- EE&C, Solar
Ministry of Agriculture and Irrigation	- Mini-hydro, Bio-diesel
Ministry of Environmental Conservation and Forestry	- Fuel wood and Biomass
Ministry of Science and Technology	- Renewable Energy
Ministry of Livestock, Fisheries and Rural Development	- Rural Development

# New Energy Policy of the Country

- 1 To implement short term and long term comprehensive energy development plan
- 2 To formulate rules and regulation in order to promote private sector participation
- 3 To compile energy statistics and energy resources information
- 4 To implement the socio-eco development program
- 5 To promote renewable energy utilization
- 6 To promote energy efficiency and conservation
- 7 To establish R,D,D&D (Research, Development, Design and Dessemination)
- 8 To promote international collaboration
- 9 To formulate energy pricing policy

# Major Challenges



**Thank you for your kind attention.**

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