



# Energy Security forum

## Session 6: Proposed Collaborative Partnerships on Energy Security

**Country Name: Cambodia**

**Ministry of Mines and Energy**

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# Energy Security Policy



To provide an adequate supply of energy throughout Cambodia at reasonable and affordable price,



To ensure a reliable and secured electricity and petroleum products supply at reasonable price, which facilitates investment in Cambodia and development of economy



To encourage exploration and environmentally and socially acceptable development of energy resources needed for supply to all sectors of Cambodia economy,



To encourage the efficient use of energy and to minimize the detrimental environmental affects resulted from energy supply and consumption.

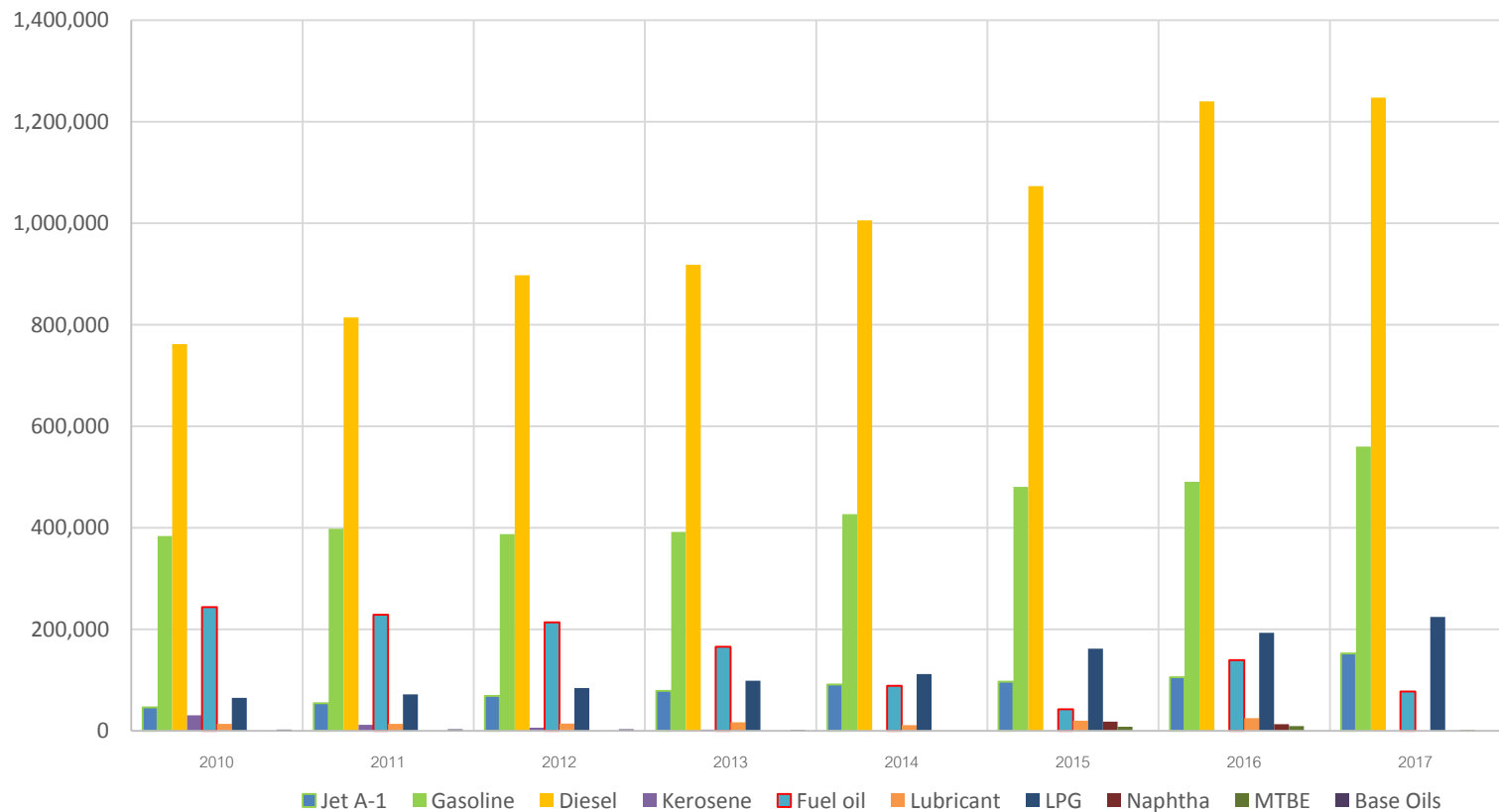


To attract foreign investor for increasing oil and gas exploration activity, electricity distribution line and LNG business.

# II. Energy Security and Measure



## 1. Oil and Gas



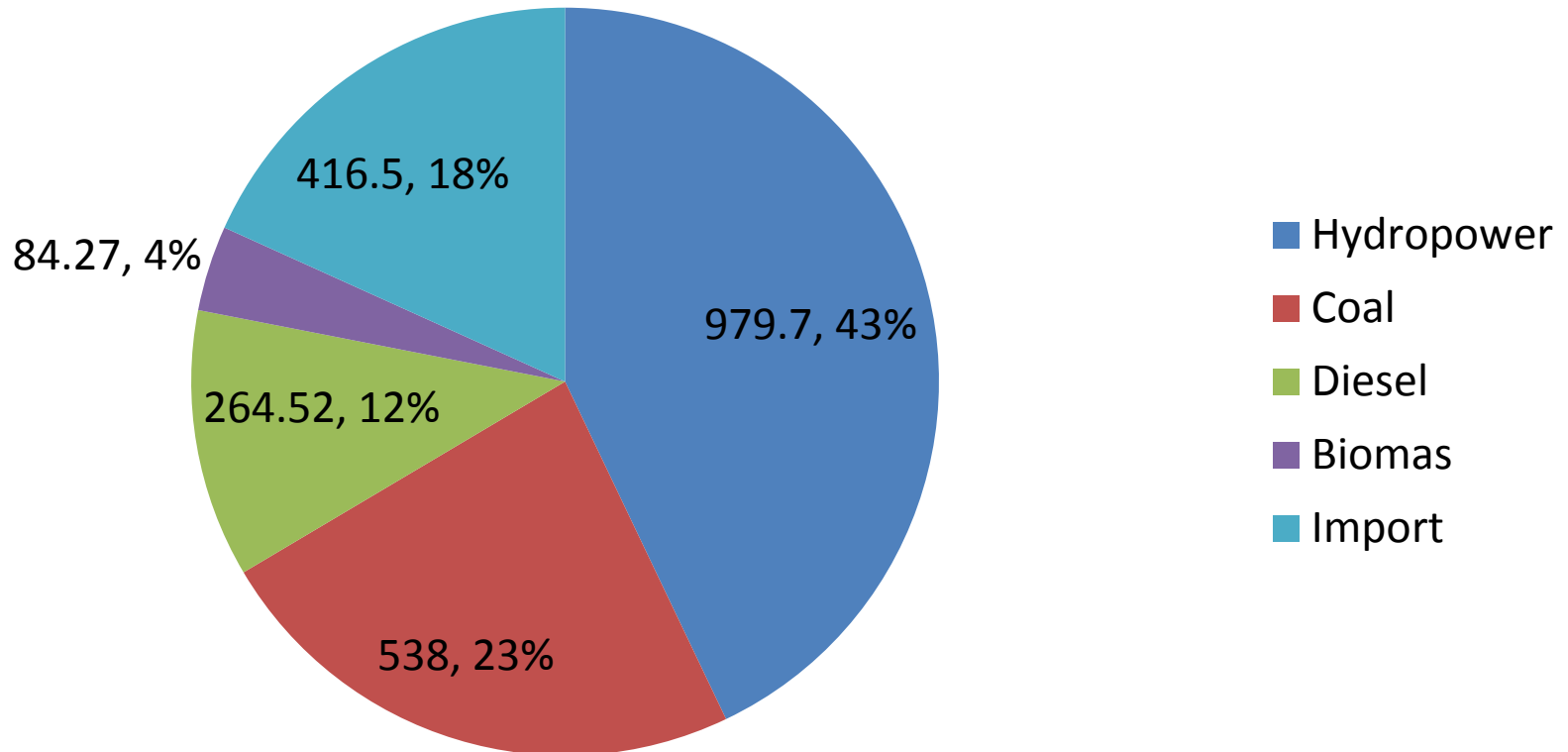
Imported Petroleum Products Data (By Customs in Ton)

# Energy Security and Measure



## 2. Electricity

### Power Generation 2017 (MW)





# II. Energy Security and Measure

## 3. Coal and other

### Coal

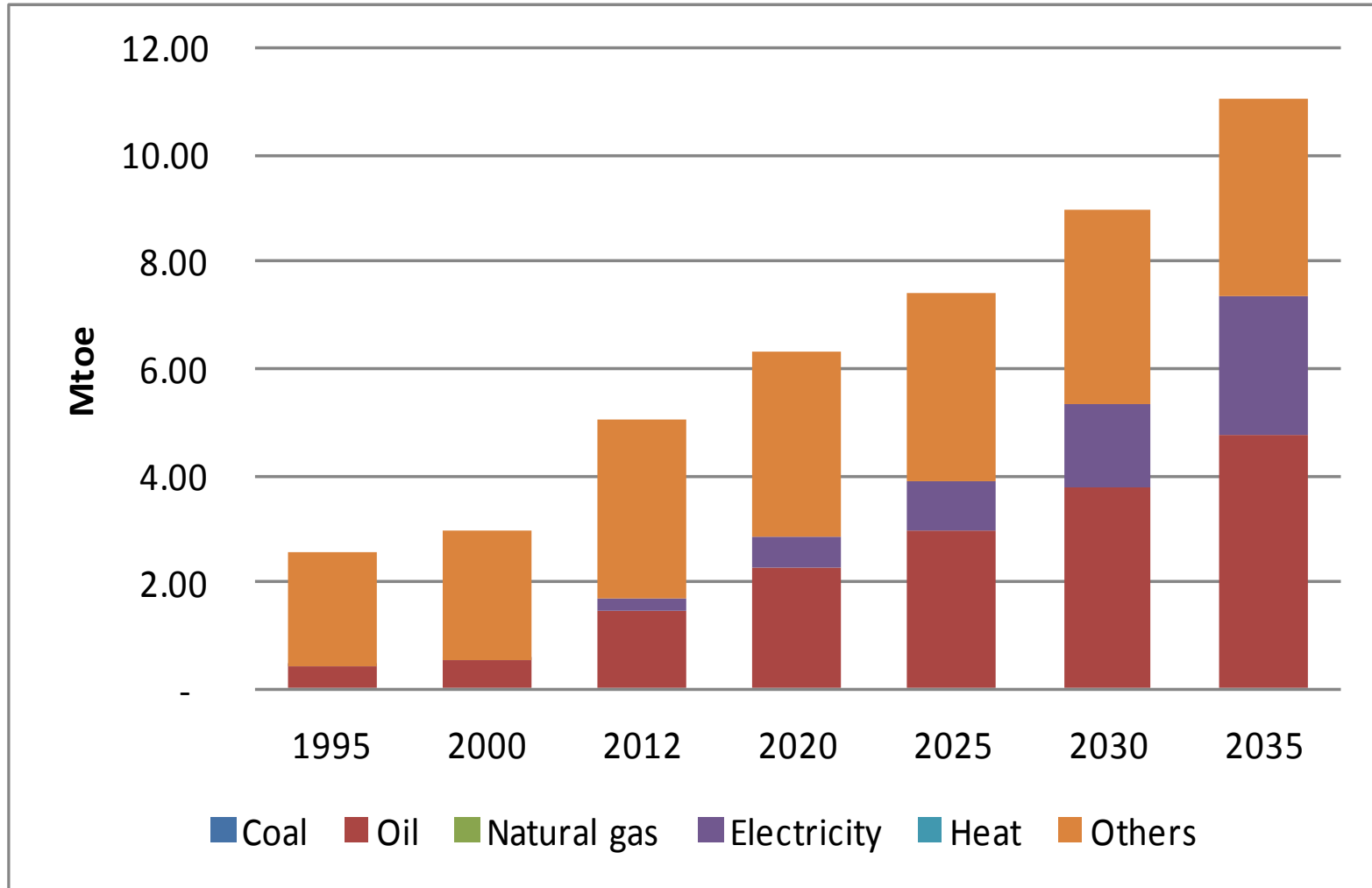
Year	Industry Coal Consumption (kt)
2010	10.19
2011	11.89
2012	13.02
2013	13.43
2014	18.93
2015	26.67

### Biomass

Year	Firewood	Biogas
2007	4,272,869	621.5 7
2008	4,459,457	1,265. 29
2009	4,583,360	1,413. 93
2010	4,644,997	2,023. 60
2011	4,856,076	2,608. 41
2012	5,053,881	2,270. 61
2013	5,262,683	602.6 5
2014	5,520,148	881.5 4
2015	5,681,802	-

# II. Energy Security and Measure

## Energy demand projection



# II. Energy Security and Measure



## CAMBODIA POWER STRATEGY

### A-Development of Generation

Increasing diversify of power supply such as Hydro, Coal power, Importing electricity, biomass and others renewable energies to meet the electricity demand and reduce fuel oil for power generation.

### B-Development of Transmission lines

Develop the national transmission line, GMS & ASEAN power grid, maximize mini-grid to rural areas, upgrading the HV, MV & LV.

### C-Development of Rural Electrification

Supply from the National Grid, Mini-grid, Grid extension and stand-alone system (BCS, SHS, Micro Hydropower, biomass, etc.



# III. Energy Security related potential collaboration



- With member of Asean + 3 Countries
  
- With international organization such as:
  - IAEA
  - IEA
  - IEF
  - ERIA

# Conclusion



- **Affordable energy products price**
- **Alternative of domestic supply source**
- **Improve distribution network**
- **Attractive foreign investment**



**Thank You**

