



# Energy Conservation Program in Thailand



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Ministry of Energy

Seminar On "Enhanced Energy Efficiency By Management"



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## Presentation Outlines

- Introduction to DEDE
- Energy Situation in Thailand
- Energy Conservation Promotion Act.
- Present Scheme of EE Promotion
- Highlighted Programs
- Energy Efficiency Training Program
- Energy Technology Display Center

## Introduction to DEDE

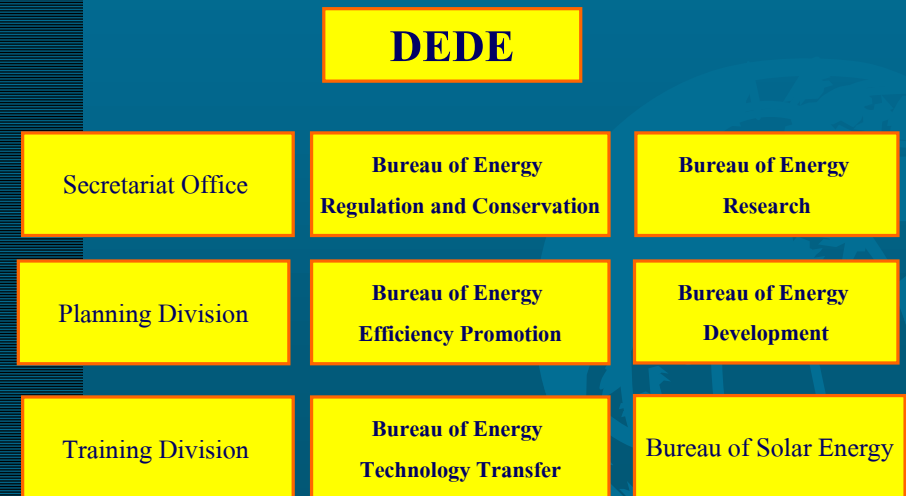
### Department of Alternative Development and Efficiency ( DEDE )

- Established in 1953 as a National Energy Office
- Transfer to Department of Energy Development and Promotion (DEDP) under the Ministry of Science Technology and Environment in 1992
- Under the Ministry of Energy since 2002

## Mission

“ Encouraging the Promoting Energy Efficiency and Conservation as well as Providing and Developing Sources of Alternative Energy to Serve all Energy Consuming Sectors with Competitive Cost and Good Quality of Life ”

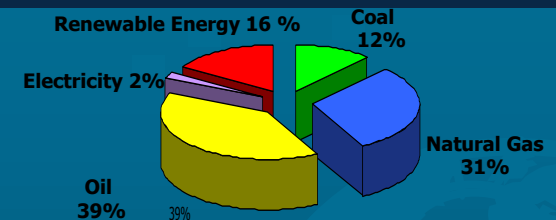
## Organization Structure



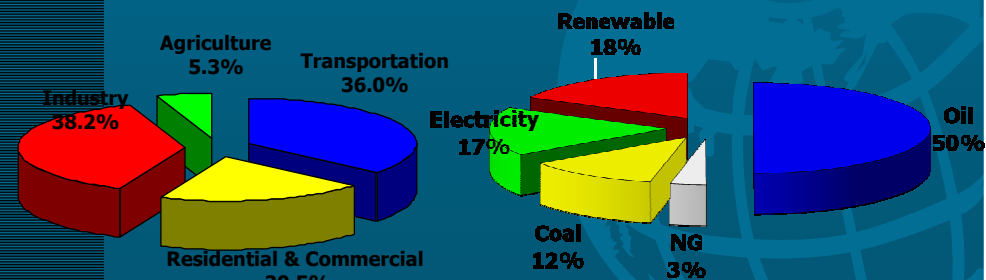
## Energy Situation in Thailand

### Thailand's Energy Situation 2006

#### Supply



#### Demand



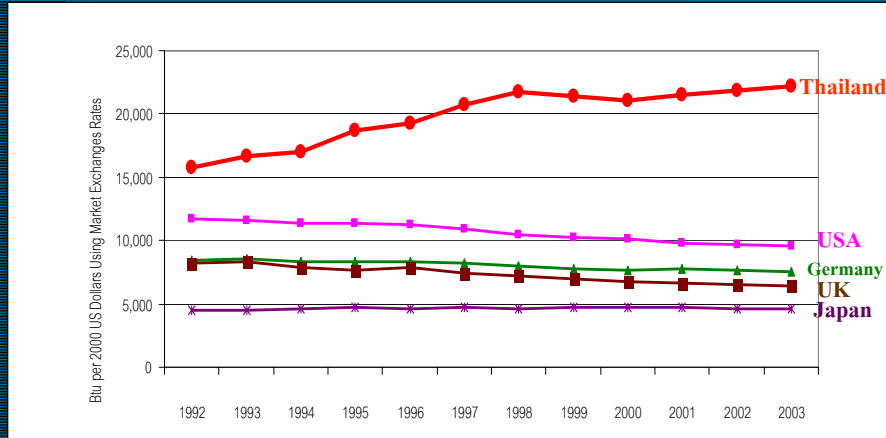
**Total Energy Consumption 63.18 ktoe**

Source: Energy Report DEDE 2005

# Energy Intensity

World Primary Energy Consumption Per Dollar of Gross Domestic Product, 1992-2003

(Compare with Developed Countries)

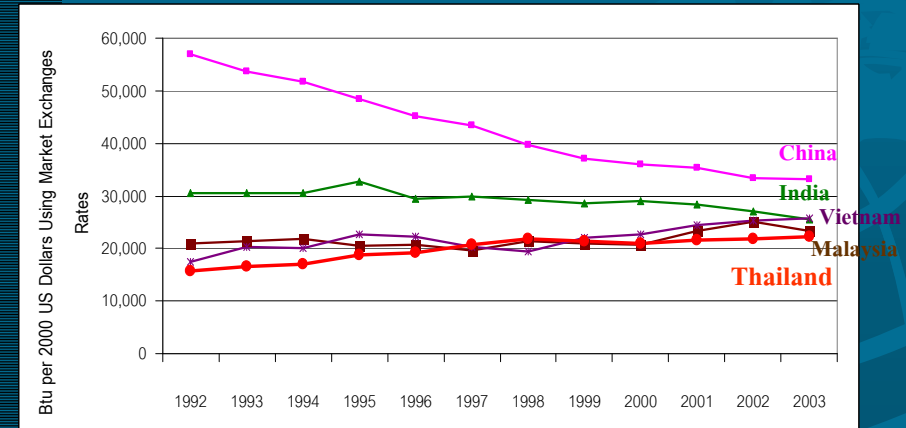


Energy Intensity [Total Primary Energy Consumption Per Dollar of Gross Domestic Product]  
<http://www.eia.doe.gov/pub/international/iealf/table1g.xls>

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## Thailand's Energy Situation

- Growth of energy demand was about 5 % annually for the last five years
- Industry sector is the biggest consumer
- Energy cost accounted for 17% of GDP (Approx. 35 billion USD)
- 63 % of total consumption was imported
- Total energy imported value was about 22 billion USD ( 88% was Oil )