

# “Why Responsible Business Conduct Matters: Private Sector Action”



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# 70% of CO<sub>2</sub> from Industrial Sector



~190 million Ton/year of CO<sub>2</sub> (from Energy consumption)

Residential/  
Commercial/Other

Transportation

Manufacturing

Energy Sector:

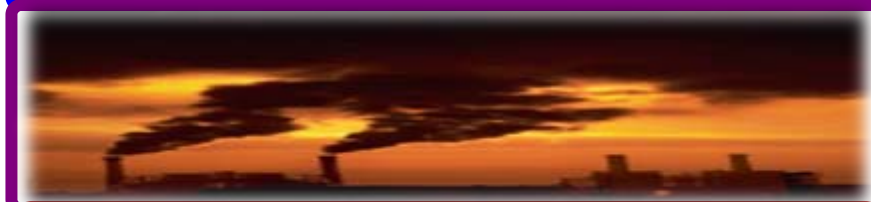
- Power Generation
- Petroleum
- Petrochem



9%



25%



18%



50%

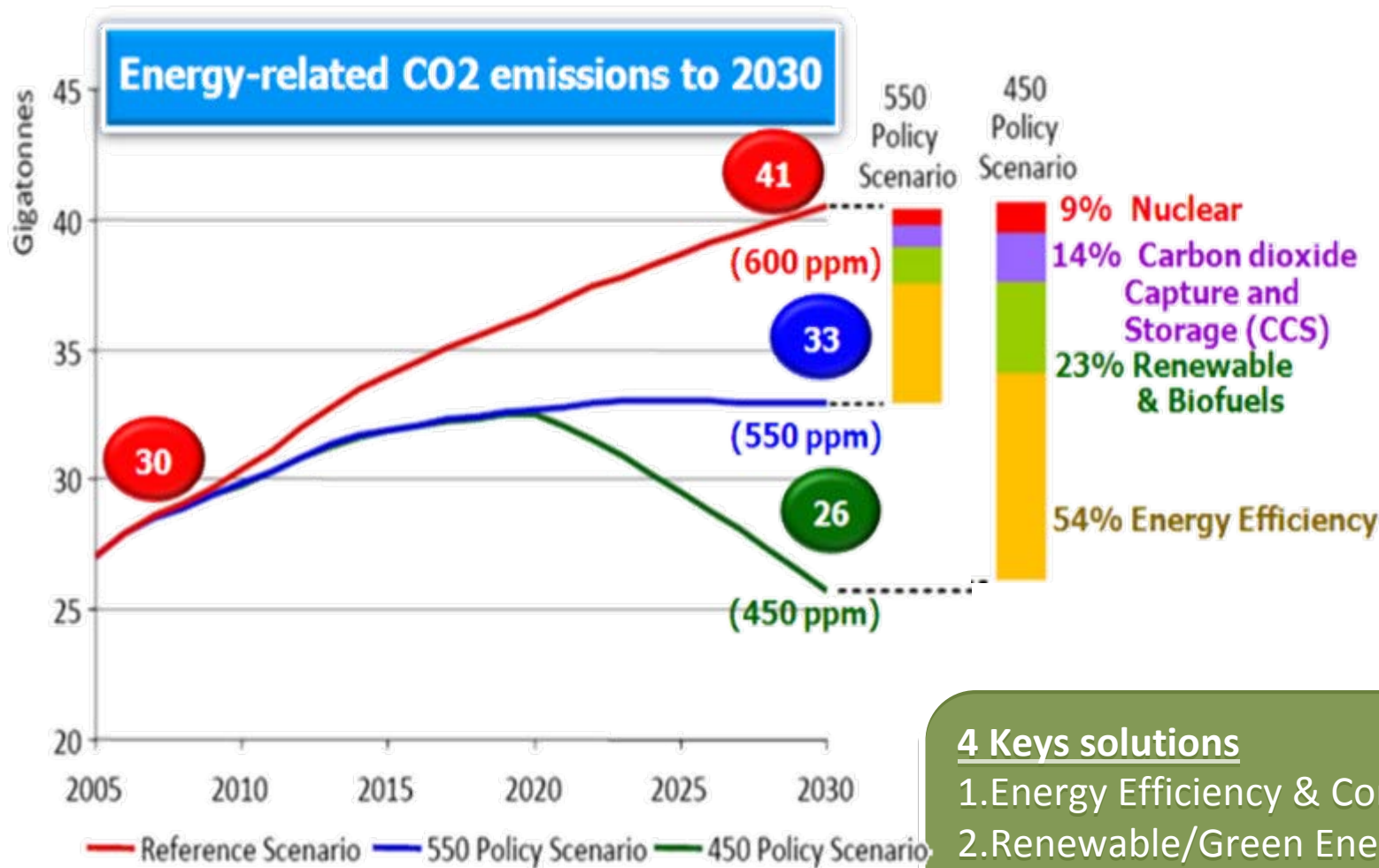
70% of CO<sub>2</sub> from  
Industrial Sector



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# Energy Sector will play Significant Role to Reduce CO<sub>2</sub>



Source: IEA World Energy Outlook, 2008

## 4 Keys solutions

1. Energy Efficiency & Conservation
2. Renewable/Green Energy
3. CCS (CO<sub>2</sub> Capture and Storage)
4. Nuclear Energy



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# CO<sub>2</sub> Roadmap for Thailand is needed

Baseline:



- **Energy Conservation Plan**
- **Renewable Energy Development Plan**
- *Carbon Capture & Storage?*
- *Go Nuclear?*

Year ??

- ???



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CO<sub>2</sub> Million Ton/Year

# 42 million Ton CO<sub>2</sub> reduction from Renewable Energy Development Plan 15 yrs

2008 Baseline

2022 Target

Million Ton/Year



MINISTRY OF ENERGY

Electric  
-5

Thermal  
-16

BioFuels  
-8

NGV  
-13

-42

Million Ton/Year



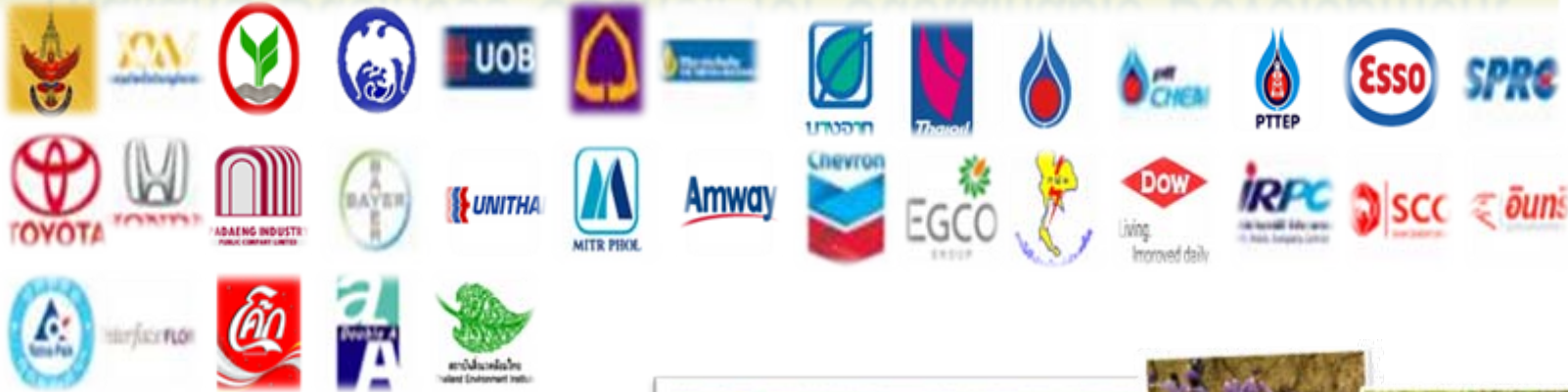
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# Several Thai Private Companies collaborate towards the shared GOALs



## Thailand Business Council for Sustainable Development



### 3 Shared Goals:

- Natural Disaster Adaptation
- Water Security
- **Low Carbon Society**



To Identify own Footprint



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# BCP walking to ZERO Global Warming Impact Company in 5 years

Million ton/year

CSR

- o Forestation
- o Used cooking oil to Biodiesel

Renewable Energy

(360,000)

- o Biofuel Plants (Biodiesel, Ethanol)
- o Solar Power Plants

Decarbonized Fuel

(20,000)

- o Natural Gas to replace Fuel Oil

Efficiency

(50,000)

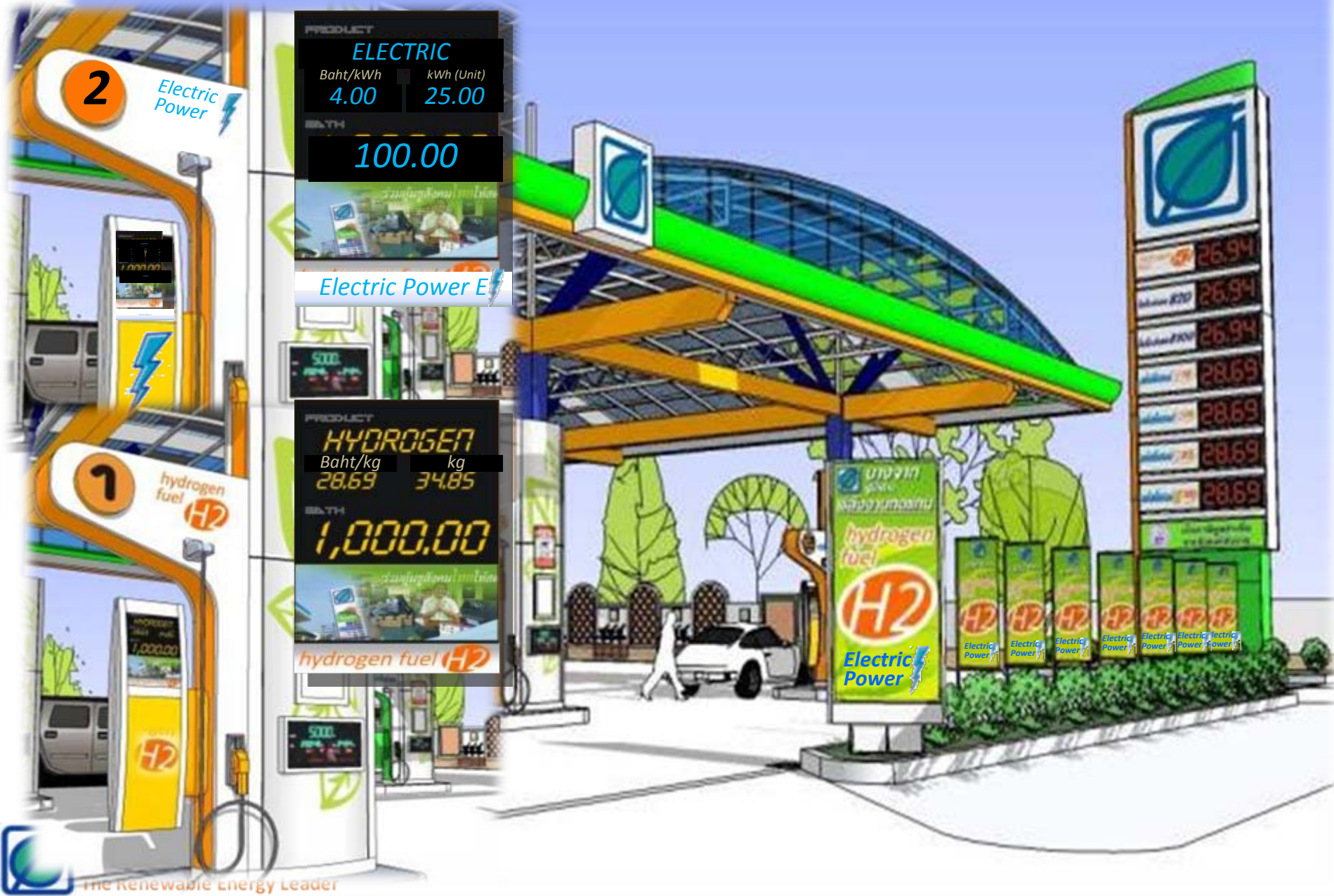
- o Shutdown Low-efficiency Unit
- o Energy Conservation

~400,000 ton/y



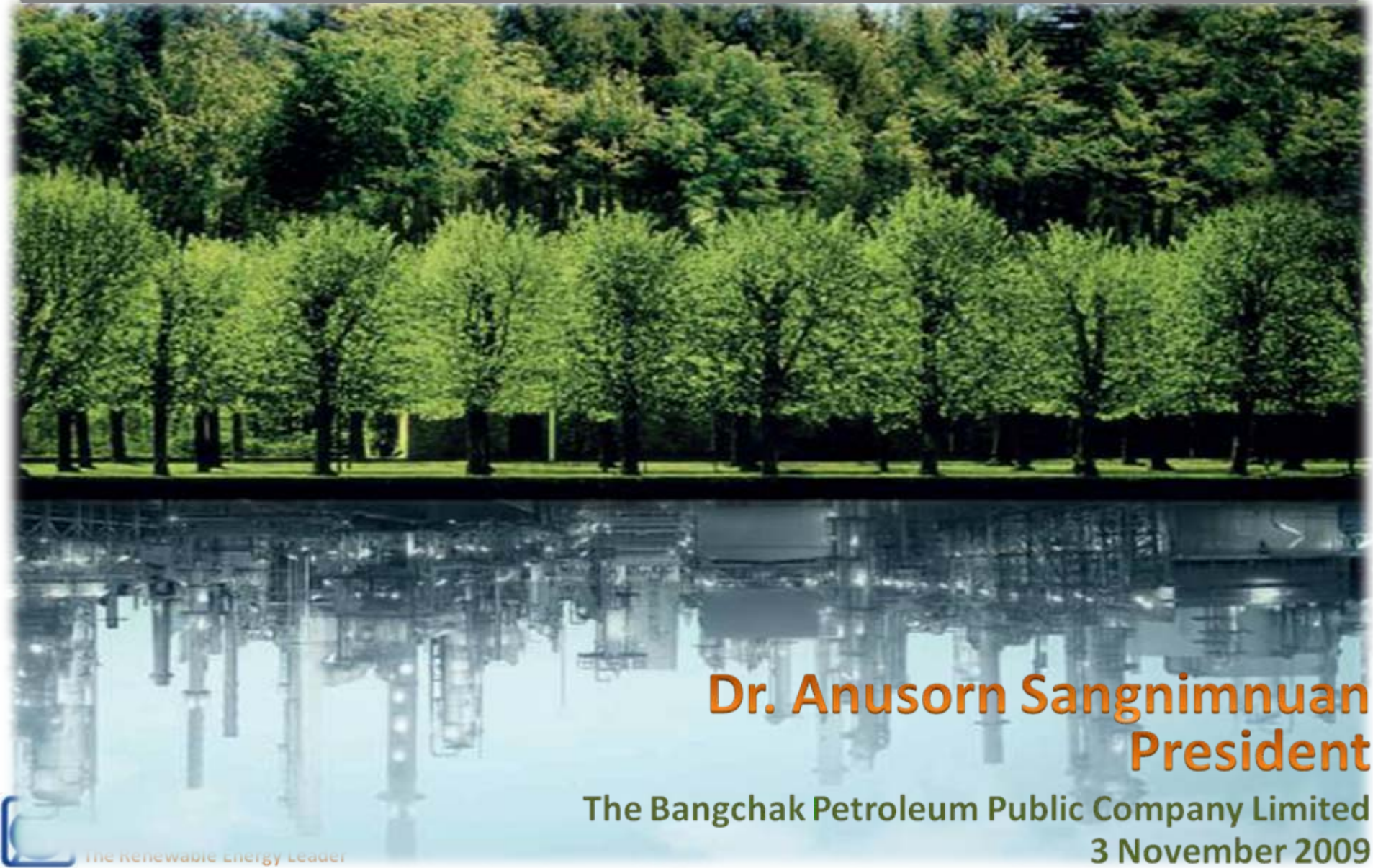


# Bangchak's FUEL Station, for Future





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