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# Thailand Presentation

1. Present situation
2. Basic fact sheets
3. Country scenarios

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# 1. Present Situation- Thailand

1. Ninety percent of energy imports is Crude oil and petroleum products.
2. Transportation consumes a third of total energy demand.

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### 3. Overall policy objectives on Alternative biofuels

- To reduce dependence of oil imports
- To provide new opportunities to farmers and other stakeholders in the supply chain
- To strengthen economic sustainability in related industries

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4. Biofuels are biodiesel and ethanol

5. Main crops are

(1) Biodiesel palm oil

(2) Ethanol molasses  
tapioca

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## 6. Underlying assumptions in setting targets

- Use excess supply to produce biofuels  
(This implies that consumption takes priority)
- Price of biodiesel and ethanol is pre-determined to encourage investment

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## 6. Underlying assumptions in setting targets (continued)

- Interventions needed, but only temporary.  
(fiscal, regulatory)
- Blended diesel and gasohol decidedly cheaper than gasoline to encourage and users
- Use of the Oil Fund

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7. Price of B100 = 0.97 CPO+ 0.15 M+oh+3.22

Price of ethanol = Brazil price+ logistics+  
insurance+ loss+ survey

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## 8. Target for oil palm production

2007	0.51 m. ha
2008-2012	To increase 0.08 m. ha to reach 0.91 m. ha

Target for tapioca and sugar cane molasses  
not considered as necessary because of  
huge supplies

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## 9. Government regulations

- 1) From Feb 1, 2008 All diesel is B2 (2% biodiesel)
- 2) From 2011 All diesel will be B5 (B2 to phase out)
- 3) Gasohol 91 & Gasohol 95 available throughout country (10% ethanol)
- 4) E20 available in Bangkok (20% ethanol)

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## 10. Gasoline prices in Baht per litre

Gasoline 95	32.79
Gasohol 95	28.79
Gasoline 91	31.69
Gasohol 91	27.99
Diesel (B2)	29.14
E20	26.79
B5	28.67

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11. Jan 08

-Shortage of cooking oil

-Price of cooking oil allowed to increase

-Price of tapioca shot up.

-Government to import 30,000 tons of crude palm oil



Thank you for your attention.

