











# Brunei Darussalam Methanol Project

February 9, 2006

Mitsubishi Gas Chemical Co., Inc. Brunei National Petroleum Company Sdn Bhd ITOCHU Corporation

#### runei Darussalam Methanol Project







#### **Outline of Methanol Project**

Equity Share : MGC 50%, PB 25%, ITC 25%

Production Capacity: 2,500MT/day

850,000MT/year

Technology: Mitsubishi Methanol Process

Gas Supplier: Brunei Shell Petroleum Co.

Off-taker: Mitsubishi Gas Chemical Co., Inc.

Employee: Appr. 120-130 persons









### **Project Time line**

Establishment of JVC: Q1 2006

Basic Engineering Design Works: Q1-Q3 2006

Finance Closure: Q1 2007

Commencement of Construction: Q1 2007

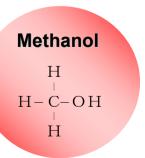
Mechanical Completion: Q1 2009

Commercial Operation: Q2 2009

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# What is Methanol?

drunei Darussalam Methanol Project



## Clear liquid chemical



#### Brunei Darussalam Methanol Project



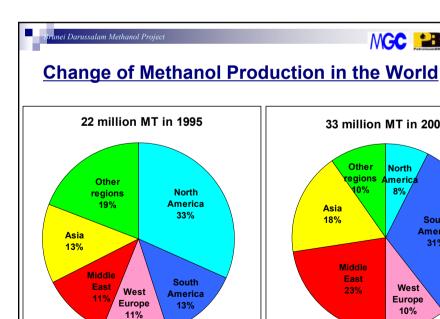


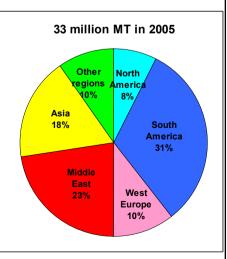


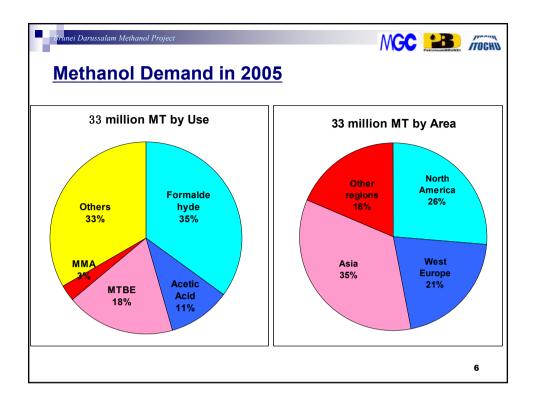
#### **Features of Methanol**

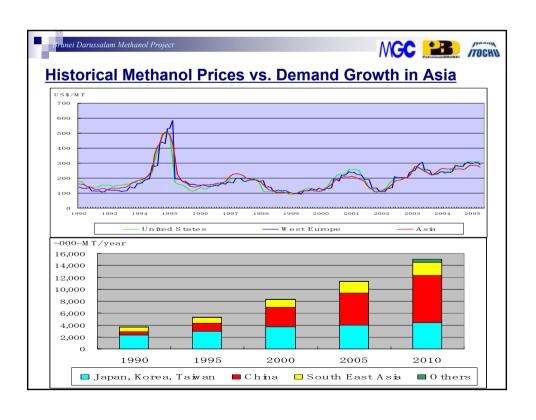
- · Essential raw material
- Produced from natural gas mainly
- Wide variety of derivatives
- Growth of demand worldwide
- International trading actively
- Production shift to vast natural gas area

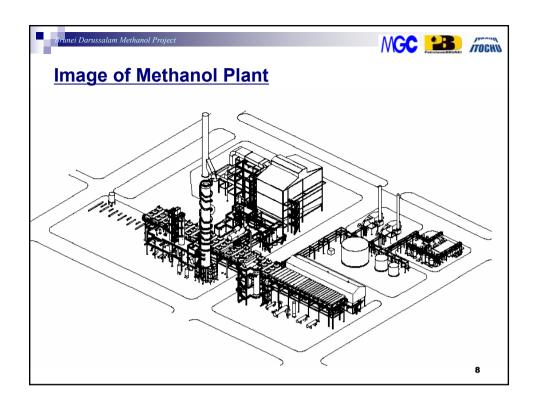
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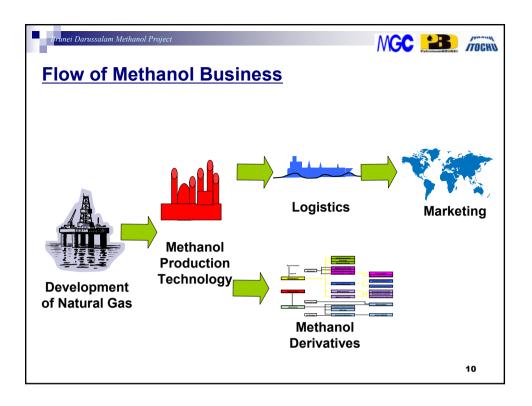


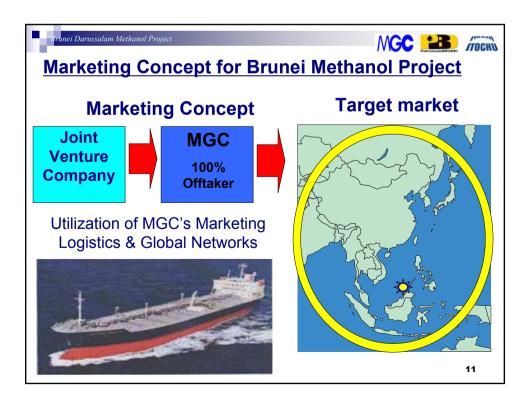


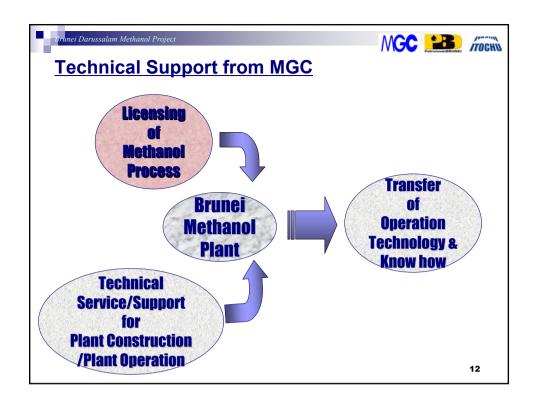


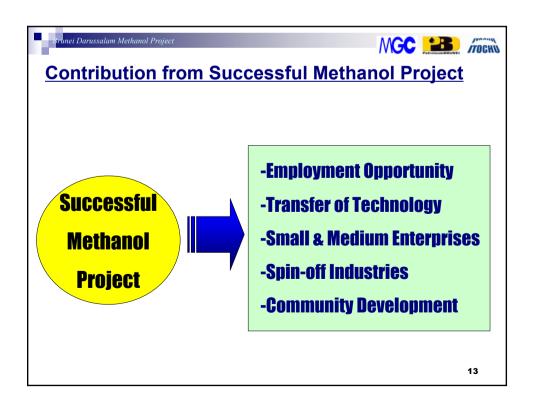


















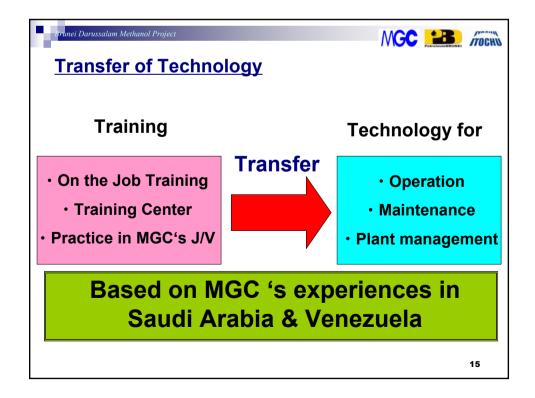


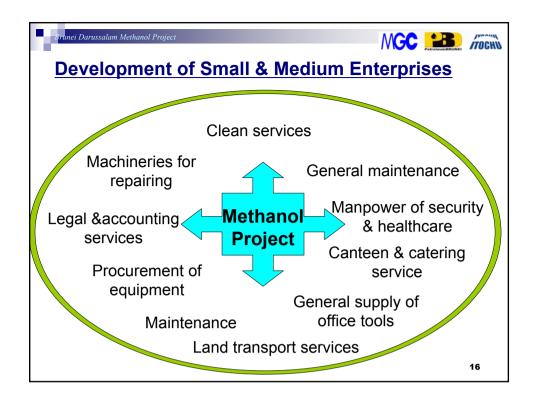
#### **Employment Opportunities**

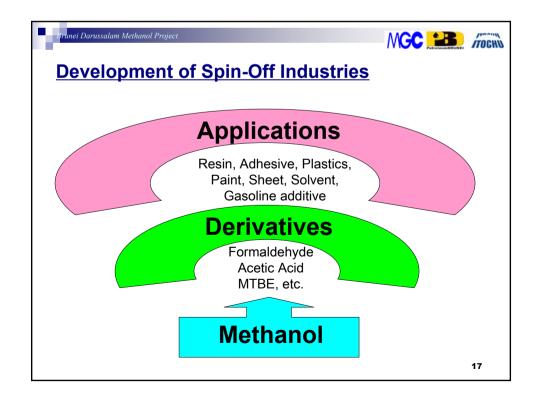
## **Target of Employment of Bruneian People in Methanol Project**

 $1^{st}:90\%$  within 2 years from start of commercial operation

 $2^{\text{nd}}:95\%$  within 5 years from start of commercial operation















#### **Community Development**

#### **Explanations at the major milestones**

- -Financial Closure
- -Commencement of Construction Work
- -Commencement of Commissioning

#### Create an opportunity for the resident people

- -Traditional Japanese Festival
- -Environmental Day
- -Cleaning campaign
- -Plant site tour











# Thank you for your kind attention







Mitsubishi Gas Chemical Co., Inc. Brunei National Petroleum Company Sdn Bhd **ITOCHU Corporation**