



PT Badak NGL
A World Class Energy Company

CBM to LNG

LNG 17 - Unconventional Gas Conference Session

Nanang Untung

PT Badak NGL

President Director

Houston , 19th April 2013

SINERGY – Safety, health & environment – INnovative – profEssional – integRity – diGnitY



PT BADAK NGL - Plant



PT Badak NGL
A World Class Energy Company

Production Capacity

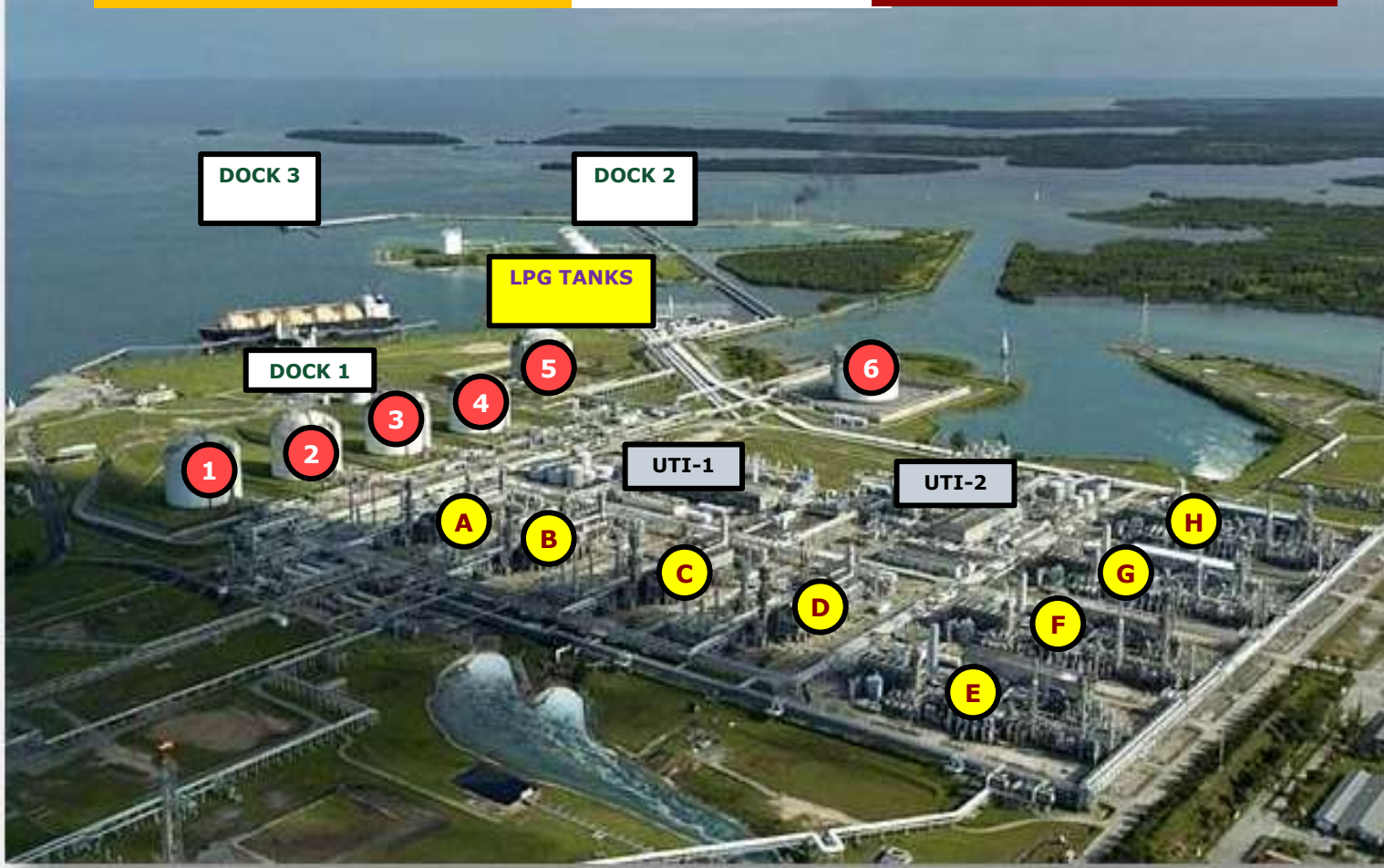
LNG : 22.5 MPTA
LPG : 1.2 MPTA
Feed Gas : 3,429 MMScfd

8 Process Trains

6 LNG Tanks
5 LPG Tanks
3 Loading Docks

15 Power Generators

22 Cooling Water Pumps
21 Boilers



ISRS 8 Level 8
(2010,2011,2012)

PT Badak Journey



PT Badak NGL
A World Class Energy Company

PHASE I BUILDING TRUST



PHASE II EXPANSION



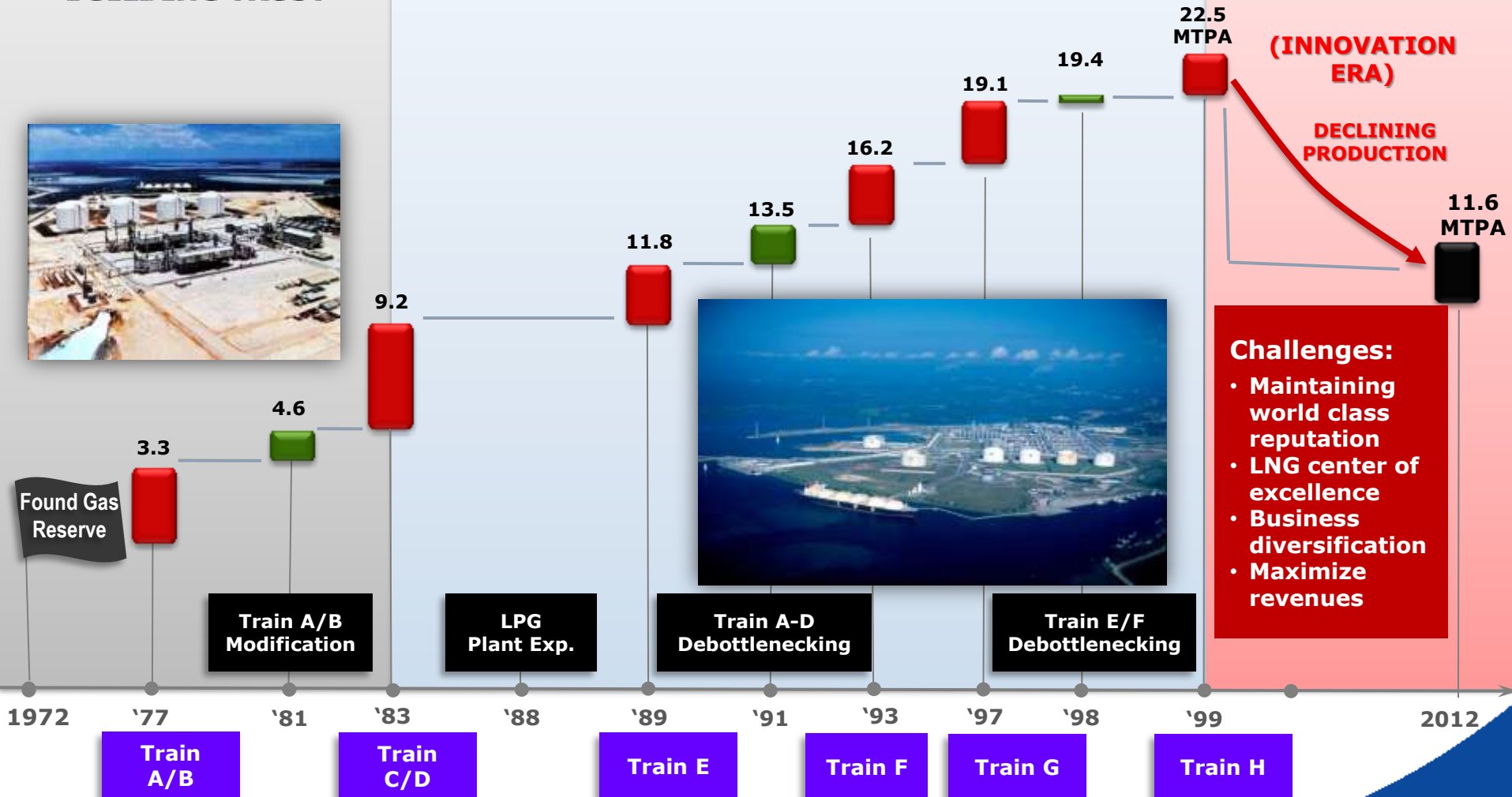
PHASE III SUSTAINABILITY

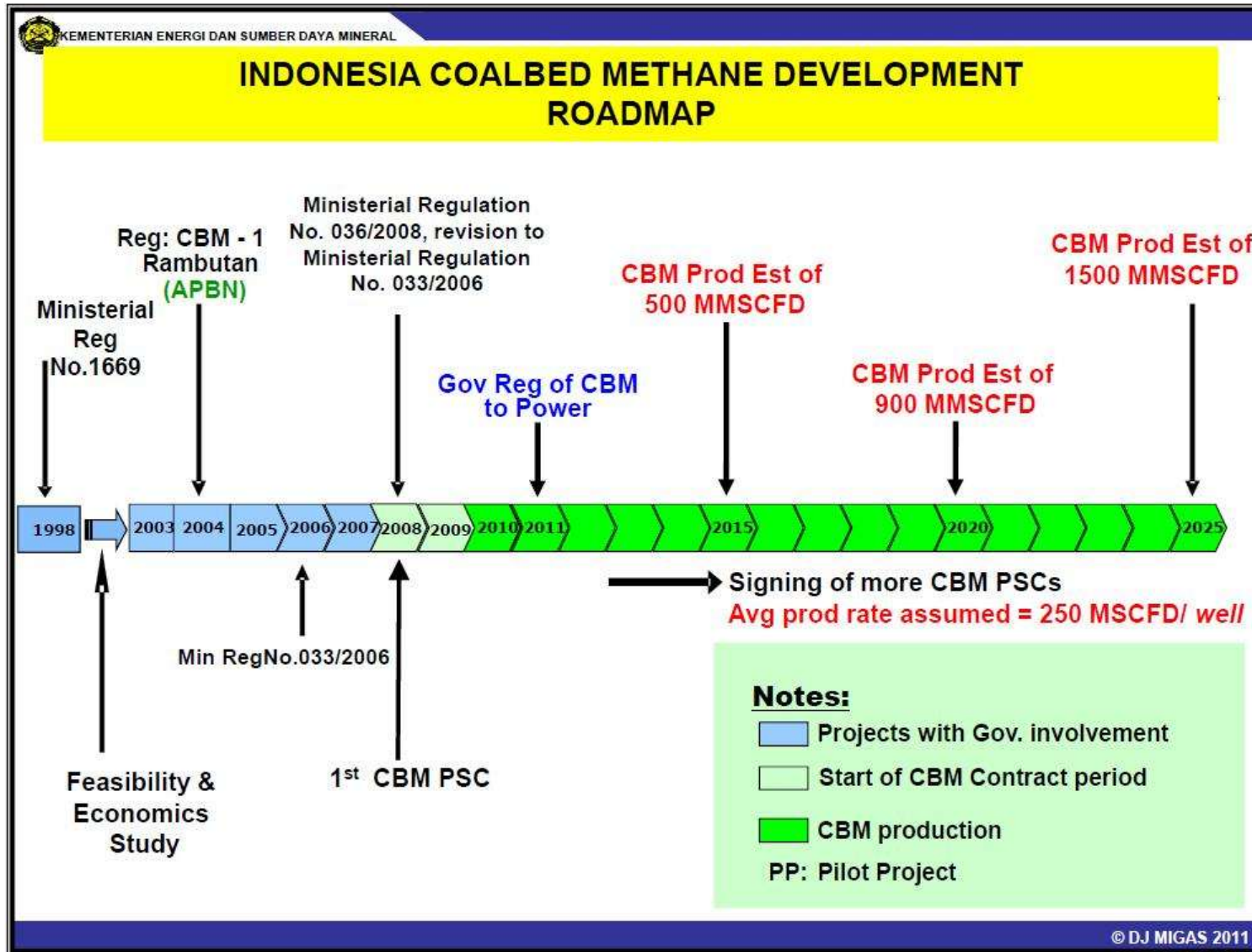
(INNOVATION ERA)

DECLINING PRODUCTION

Challenges:

- Maintaining world class reputation
- LNG center of excellence
- Business diversification
- Maximize revenues





CBM INDONESIA MAP



PT Badak NGL
A World Class Energy Company

Big CBM potency in Kalimantan



Source: Taken from website of Indonesia Directorate General of Oil and Gas, Directorate of Upstream Business Development, 2013.
<http://www.wkmigas.com/about-working-area/about-wk-cbm/>

50 Gas Methane Based (CBM) Working Area already awarded by Government of Indonesia since 2008

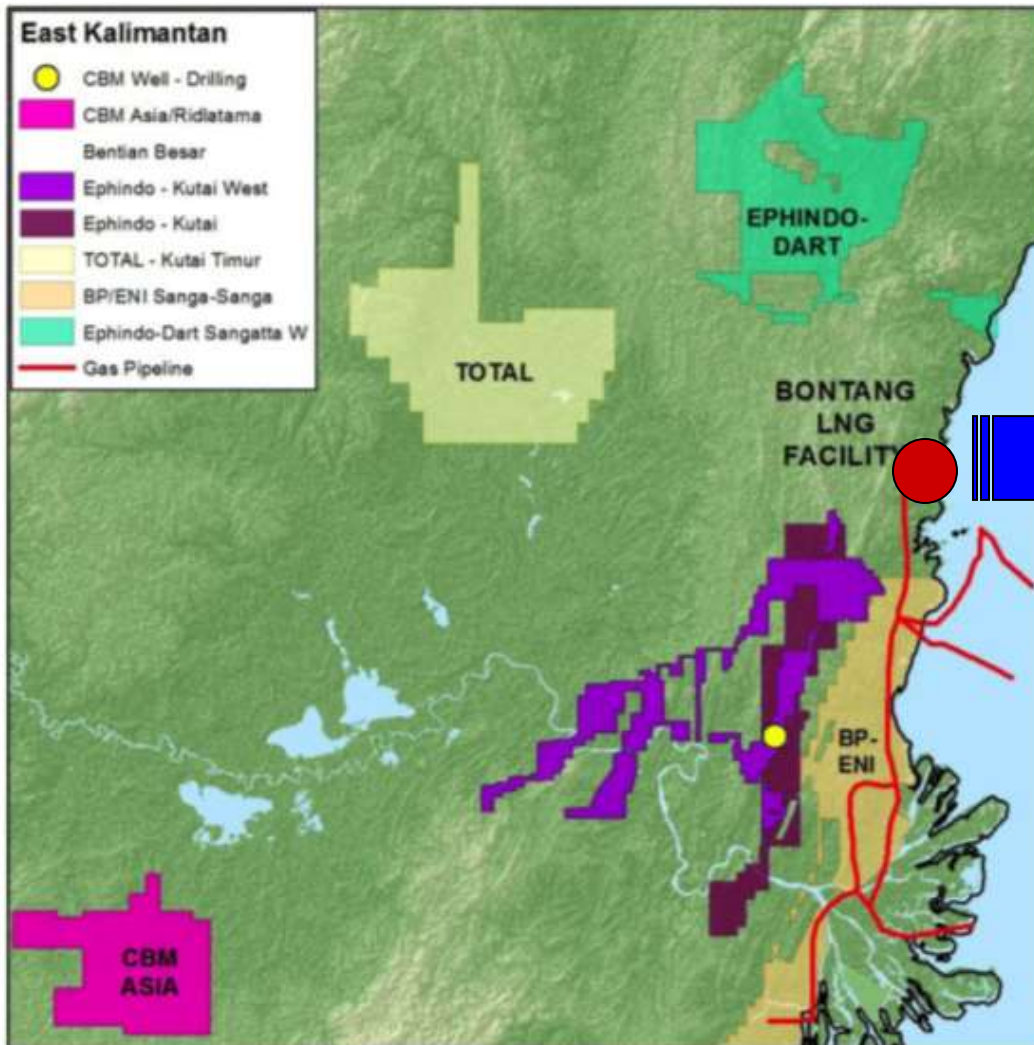
Working Area already on Production Stage:

1. Sanga-sanga Working Area (East Kalimantan)
2. Muara Enim II (South Sumatera)

PT BADAK NGL STRATEGIC LOCATION



PT Badak NGL
A World Class Energy Company



BONTANG LNG FACILITY
Located in the heart of East Kalimantan CBM Development

Total CBM Potency Surround Bontang LNG Facility

1. Kutei Area - est. 80 Tcf
2. Berau Area - est. 8 Tcf
3. Barito Area - est. 100 Tcf

Courtesy of CBM Asia

THE FIRST CBM TO LNG

VICO CBM



PT Badak NGL
A World Class Energy Company



Activities and Achievements



Key Milestones	2009	2010				2011				2012			
	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
PSC Awarded	★												
Coring - Conventional Wells													
Permeability Testing													
Single Well Pilots - Recompletions													
Multi Well Pilot No. 1 and 2													
Exploration Wells													
First Gas into LNG Bontang Plant								★					
CBM to Electricity Project GSPA with PLN												★	

Good Gas Rate
MUT-205 & PAM-204

Source: Vico, April 7th 2013

WRAPPED UP



PT Badak NGL
A World Class Energy Company

1

PT Badak NGL is the 1st LNG Plant in the world that processed CBM into LNG

2

As a world class LNG company, PT Badak NGL always maintain competitive performance and strive to keep the asset integrity for long-term foreseeable operation

3

Available under utilized Capacity LNG Plant and Strategically Located in the heart of East Kalimantan CBM Gas Development is the main driver to efficiently monetize CBM to LNG



PT Badak NGL
A World Class Energy Company



thank you