

# 2013 GLOBAL OIL MARKET OUTLOOK

PTT Group Oil Market Intelligence team
15 October 2012

# **AGENDA**



**Global Oil Demand** 



**Global Oil Supply** 



**Oil Price Outlook** 



**Thailand Petroleum Demand Outlook** 



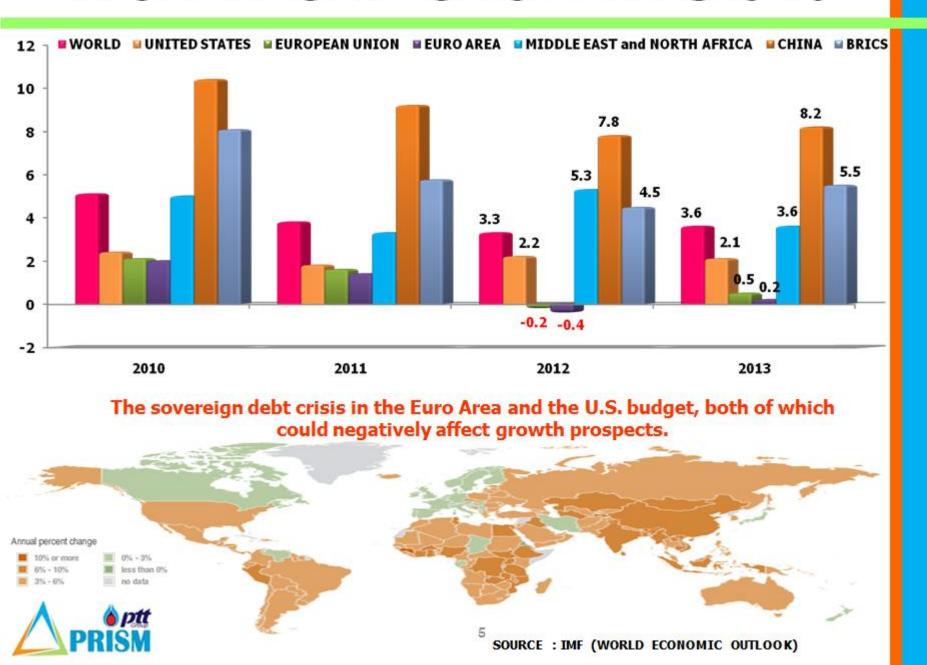
# **Oil Demand Outlook**



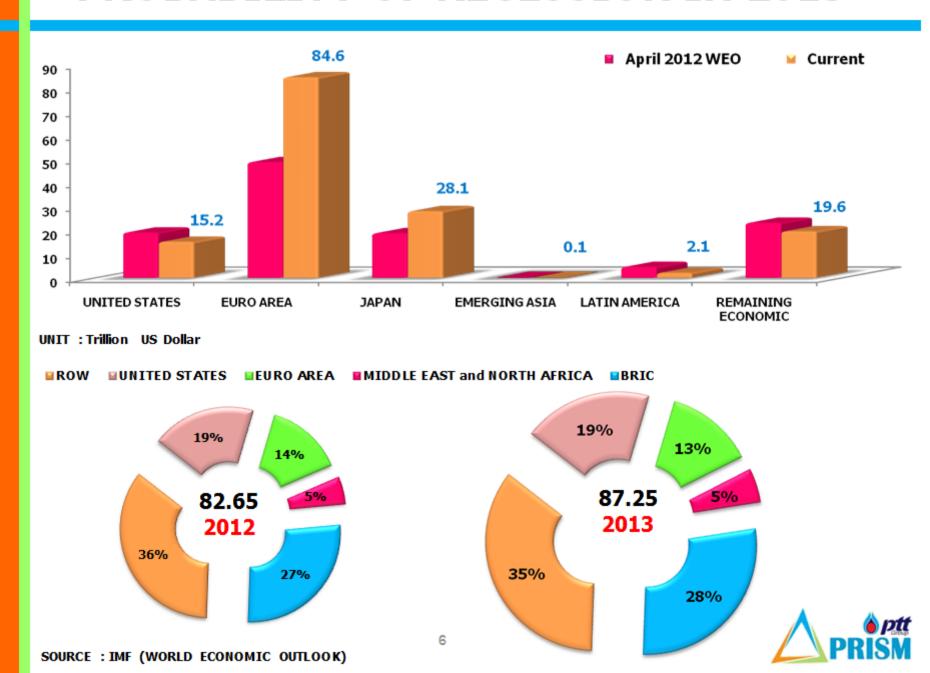
#### **FACTORS THAT WILL INFLUENCE IN OIL DEMAND**



# **WORLD GDP GROWTH 3.6%**

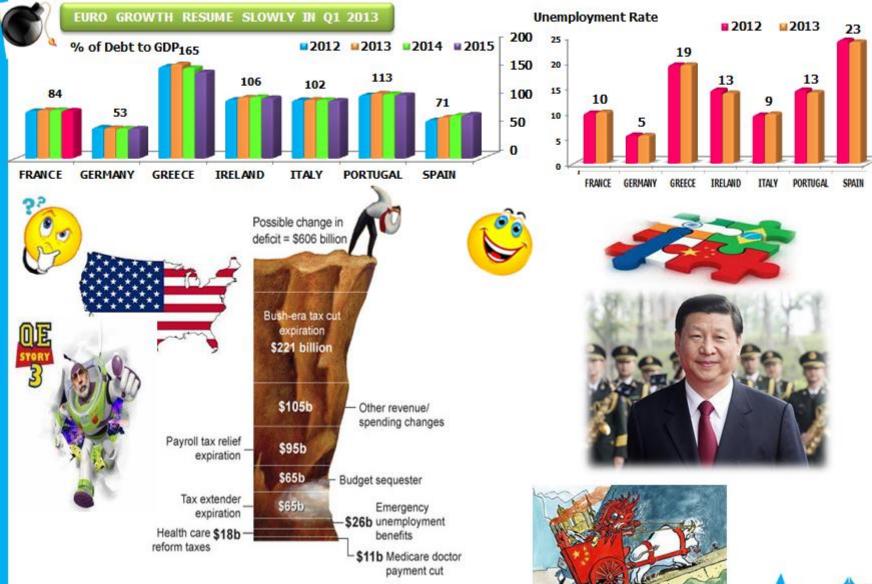


### PROBABILITY OF RECESSION IN 2013



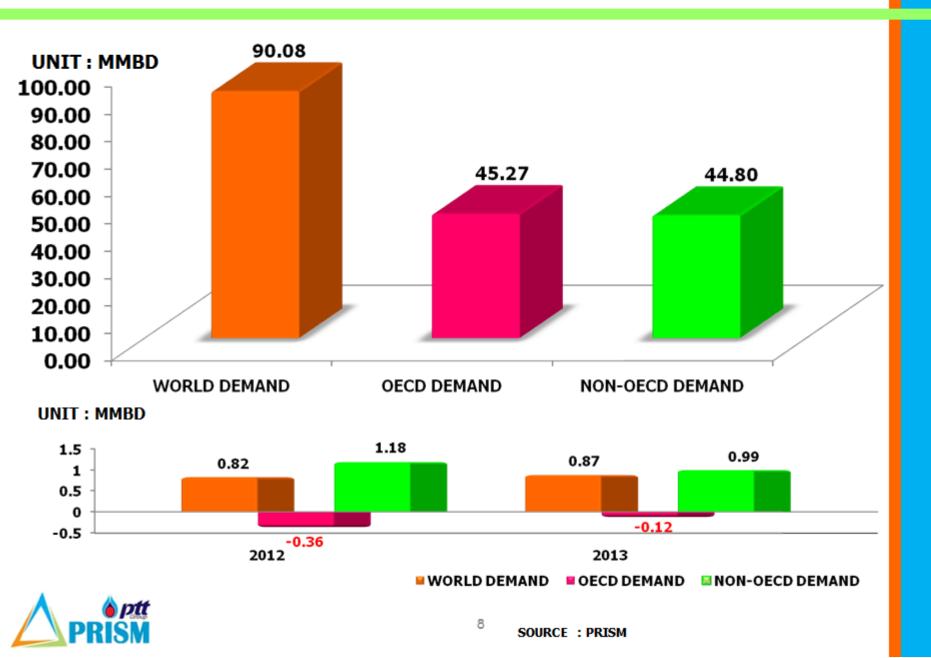
# **KEY RISKS TO WATCH**



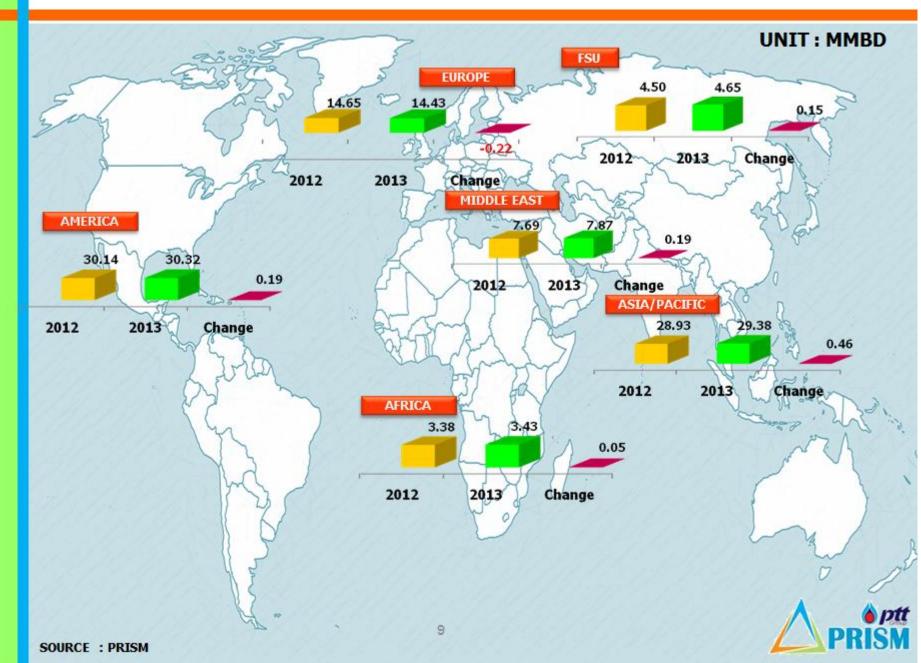




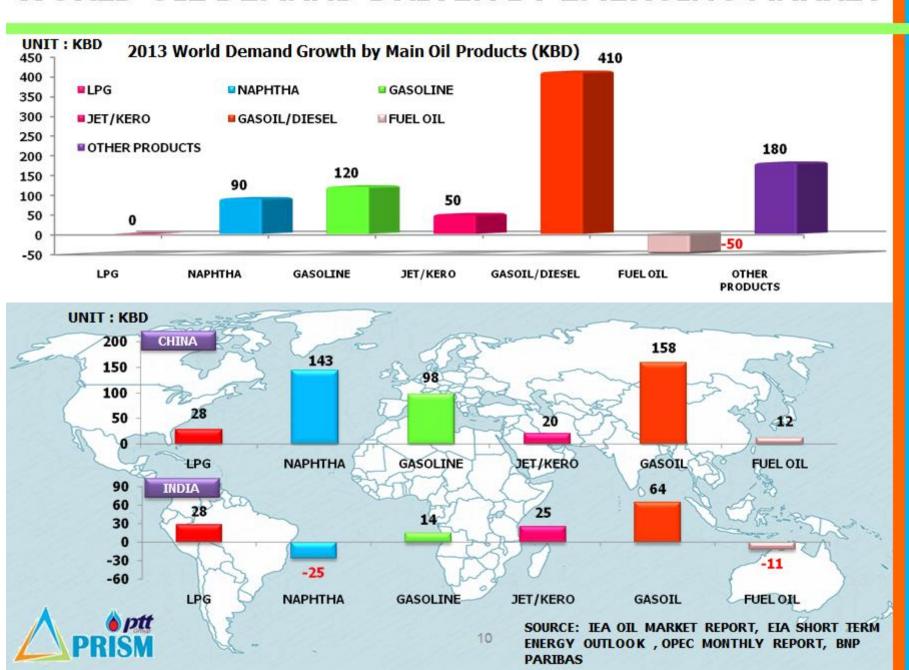
# **OIL DEMAND GROWTH 2013**



# FORECAST GLOBAL DEMAND



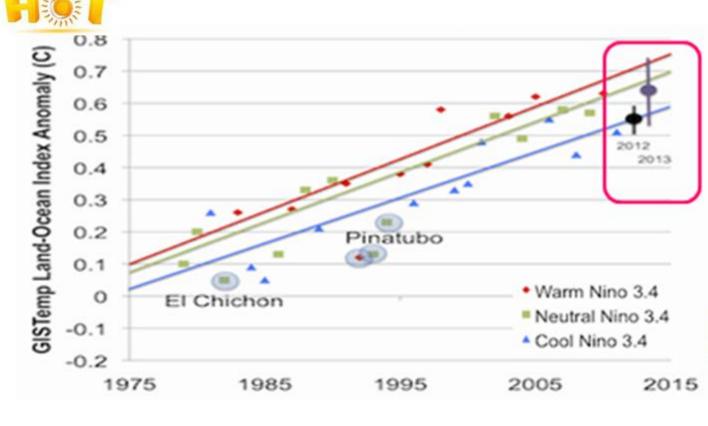
#### WORLD OIL DEMAND DRIVEN BY EMERGING MARKET



# WEATHER

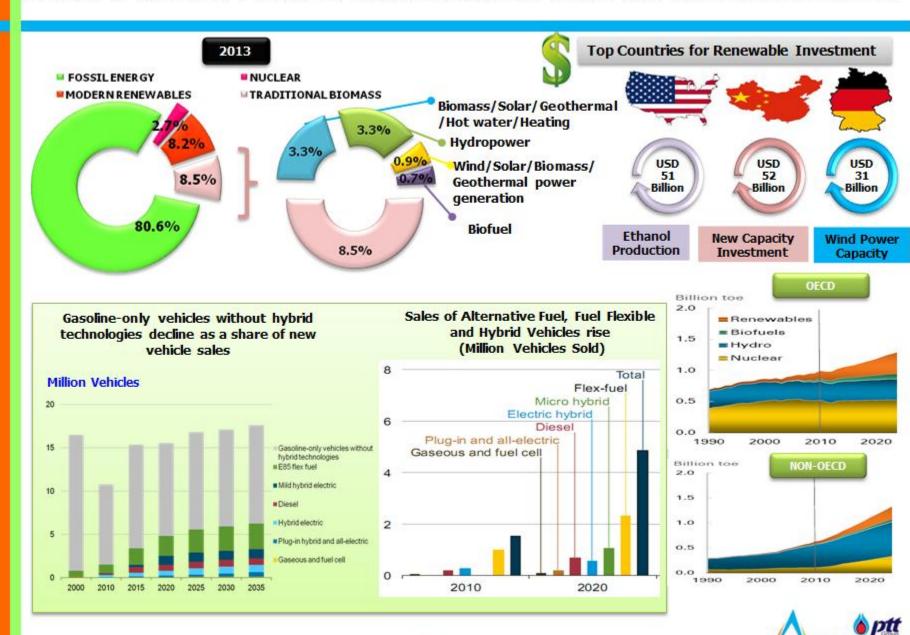


Projected to be warmer than normal
UNIT: KBD U.S. West Europe Japan
2013 -70 -15 -10





#### NON-FOSSIL FUELS GROWTH IS LED BY RENEWABLES



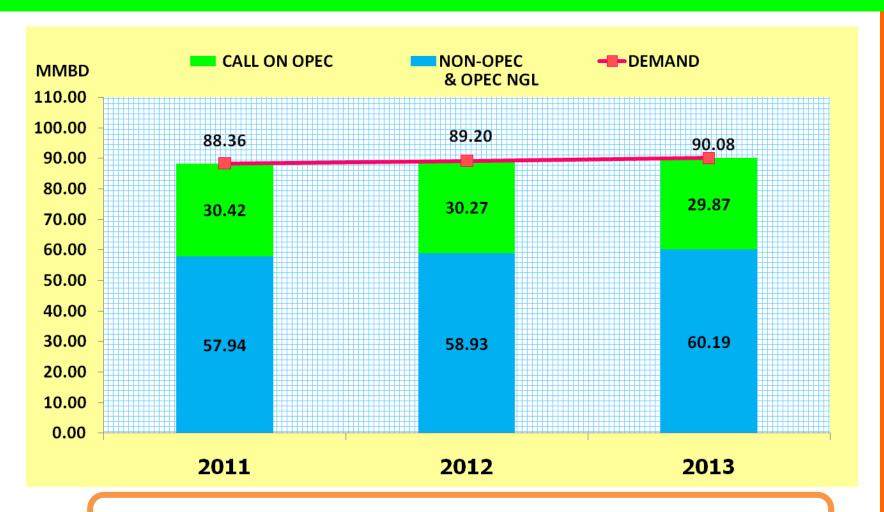
SOURCE : IEA ANNUAL OIL MARKET OUTLOOK, RENEWABLES
2012 GLOBAL STATUS REPORT



# **Oil Supply Outlook**



#### **HOW IS THE WORLD SUPPLIED?**



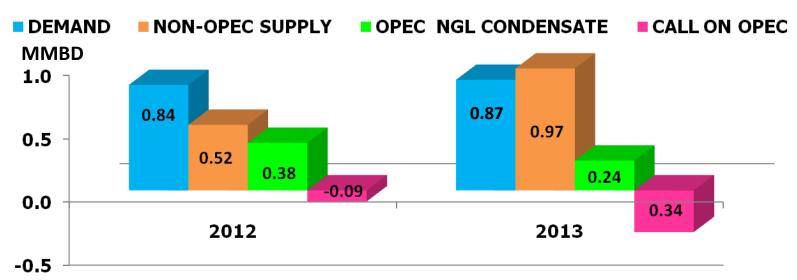
Non-OPEC production makes up two-thirds of the world's oil supply; whereas OPEC contributes the remaining portion



## WHAT IS THE TREND FOR SUPPLY?

PRISM	DEMAND	NON-OPEC SUPPLY	OPEC NGL CONDENSATE	CALL ON OPEC
2011	88.36	52.43	5.46	30.50
2012	89.20	52.95	5.84	30.41
2013	90.08	53.92	6.08	30.08

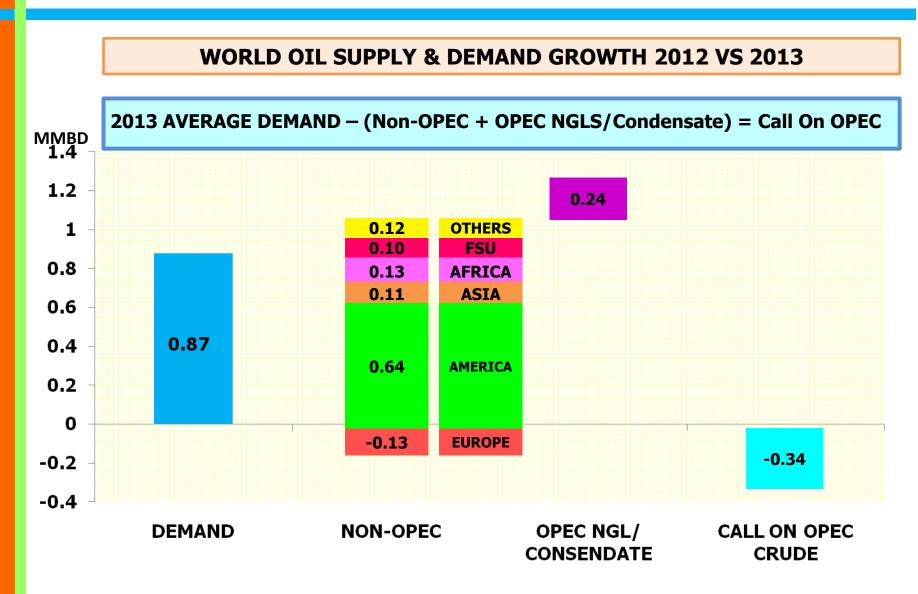
#### **OIL SUPPLY OUTLOOK GROWTH 2012 AND 2013 (MMBD)**





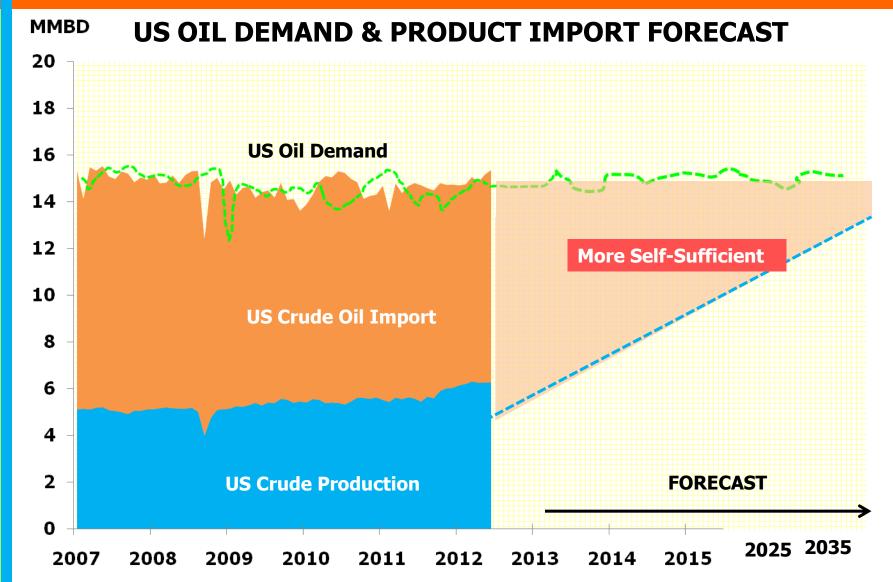
Source: EIA, IEA, OPEC and Prism

#### MAJORITY OF NON-OPEC SUPPLY GROWTH COME FROM THE AMERICA



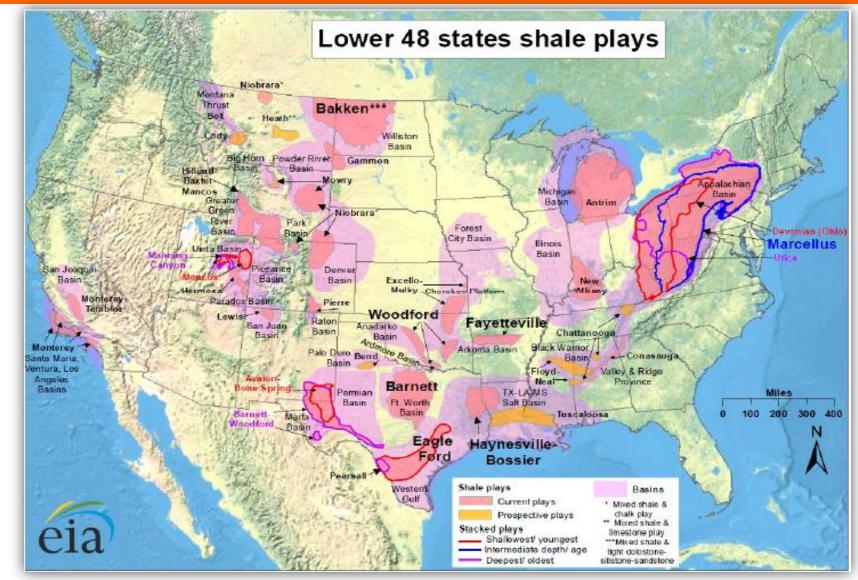


#### CAN THE US BE SELF-SUSTAINED IN THE FUTURE?



PRISM

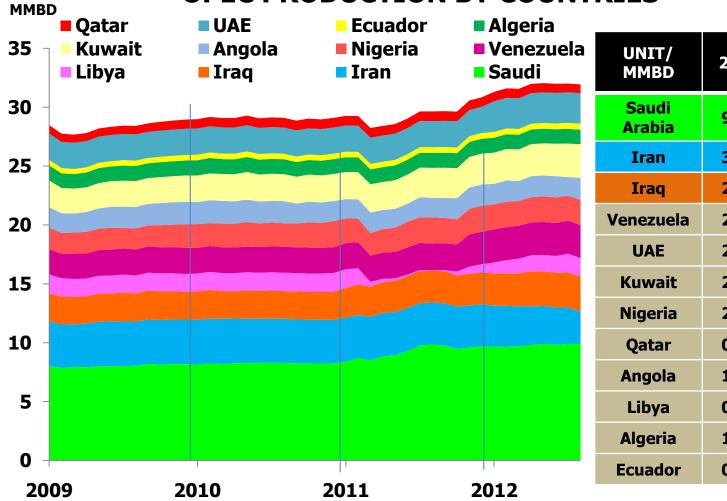
## SHALE OIL & GAS ACROSS THE US





# SAUDI ARABIA, BIG BOSS OF OPEC

#### **OPEC PRODUCTION BY COUNTRIES**

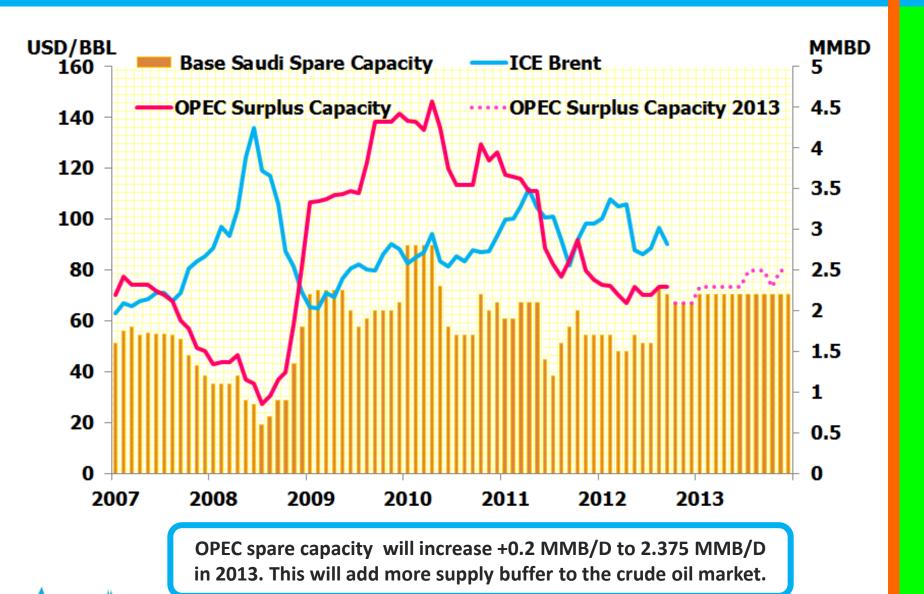


UNIT/ MMBD	2011	2012 YTD
Saudi Arabia	9.23	9.79
Iran	3.62	3.23
Iraq	2.65	2.89
Venezuela	2.33	2.80
UAE	2.33	2.60
Kuwait	2.47	2.73
Nigeria	2.10	2.14
Qatar	0.81	0.78
Angola	1.68	1.75
Libya	0.49	1.32
Algeria	1.26	1.23
Ecuador	0.47	0.49



Source: BLOOMBERG LP PROFESSIONAL, REUTERS, PRISM

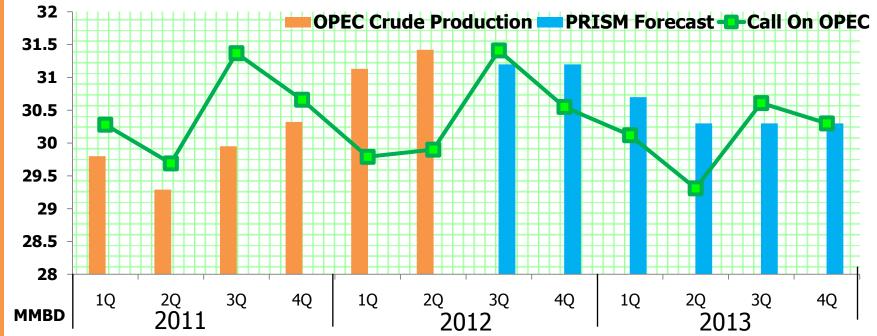
## **OPEC SURPLUS CAPACITY**





#### **BALANCE OF THE MARKET IN 2013**





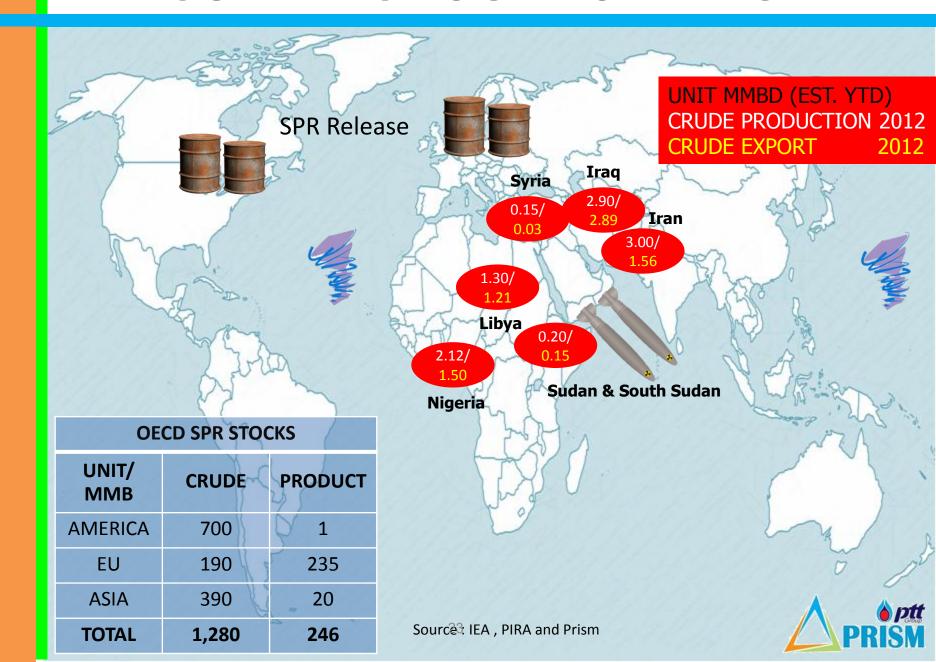
If there is no additional supply outages, the oil market in 2013 will be better balanced and can result in crude stock gain



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Source: Average EIA/IEA/OPEC

## **SUPPLY SHOCK TO WATCH**





# **Oil Price Outlook**



## **2013 OIL MARKET OUTLOOK SUMMARY**



#### **Moderate Economic Growth**

But downside risks remain...

Oil Demand + 0.9 MBD to 90.1 MBD

Sufficient supply with growth from NON-OPEC

Lower call on OPEC by 0.3 MBD to 30.1 MBD





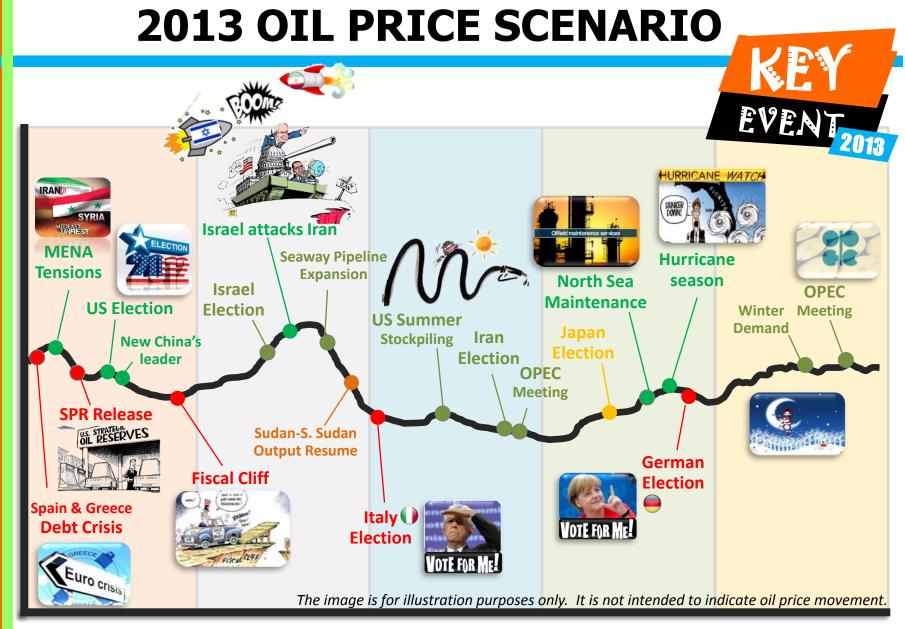












Q4-2012

Source: Thaioil

Q1-2013

Q2-2013

Q3-2013



### **2013 OIL PRICE OUTLOOK**

#### What We See.... "Volatile oil prices on economic and politic uncertainties"



#### Factors to watch....



**US Fiscal Cliff** 



**Middle East Tension** 





## **2013 OIL PRICE OUTLOOK**

#### What others see. . .

- Slowing global economic growth and receding worries over a loss of Middle East supply are the key factors to bring oil prices down next year
- Only 4% of analysts expect Brent to below \$100 next year
- 51% of analysts believe Brent will average between \$100-110 in 2013

Unit: \$BBL		BRENT		
	Q4-12	2012	2013	
CGES	100.9	109.6	90.7	
Citi	105.0	110.0	99.0	
UBS	100.0	107.9	100.0	
Soc Gen	103.3	109.5	102.9	
Deutsche Bank	100.0	106.3	104.0	
PRISM	111.0	112.0	108.0	
ABN Amro	105.0	110.0	110.0	
BofA Merrill	108.0	111.0	110.0	
JBC Energy	110.8	112.0	110.7	
JPMorgan	105.0	110.0	113.0	
ANZ	114.0	111.5	118.5	
BNP Paribas	117.0	113.0	120.0	
Barclays	117.0	113.0	125.0	
Goldman Sachs	125.0	120.0	130.0	
Median from Reuters	107.0	110.0	107.0	





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# Thailand Oil Demand Outlook



## OIL DEMAND FORECAST FRAMEWORK

#### **Oil Prices Outlook**

MOPS Prices Outlook (Gasoline/Diesel/Jet/FO/LPG)

# Oil Demand Outlook

#### **Economic Factor**

GDP, Private Consumption, Manufacturing Production Index, Car Sales, Tourism

# **Government Policies Factor**

Bio-fuel, Fuel Specification, Energy Prices e.g. Diesel, NGV, LPG Petroleum Pricing Structure,

Source: Thaioil



## **GROWTH DESPITE GLOBAL SLOWDOWN**

#### Thai GDP is forecasted to grow around 5%.

• Global economic slowdown namely US, EU and China largely depresses Thai export value.



























GDP Growth %yoy				
	2012F	2013F		
JP Morgan	3.5	2.3		
Standard Chartered	3.5	4.9		
Kasikorn Research	5.0	5.0		
HSBC	5.5	4.5		
Nomura	5.5	4.7		
Thai Fiscal Policy Office	5.0-6.0	5.2-6.2		
Phatra Securities	5.7	4.5		
Goldman Sachs	5.7	4.8		
PRISM	5.7	5.0		
Bank of Thailand	5.7	5.0		
SCB	5.7	5.2		
NESDB	5.5-6.5	n.a.		
Tisco Securities	6.0	5.0		
UBS	6.0	5.5		
Median	5.7	4.5		



## OIL DEMAND FORECAST FRAMEWORK

#### **Oil Prices Outlook**

MOPS Prices Outlook (Gasoline/Diesel/Jet/FO/LPG)

# Oil Demand Outlook

#### **Economic Factor**

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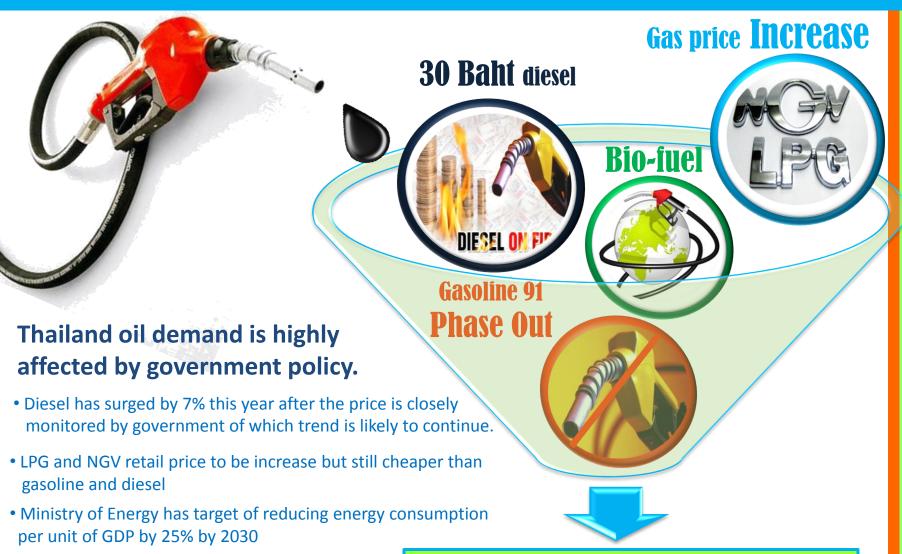
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Bio-fuel, Fuel Specification, Energy Prices e.g. Diesel, NGV, LPG Petroleum Pricing Structure,

Source: Thaioil



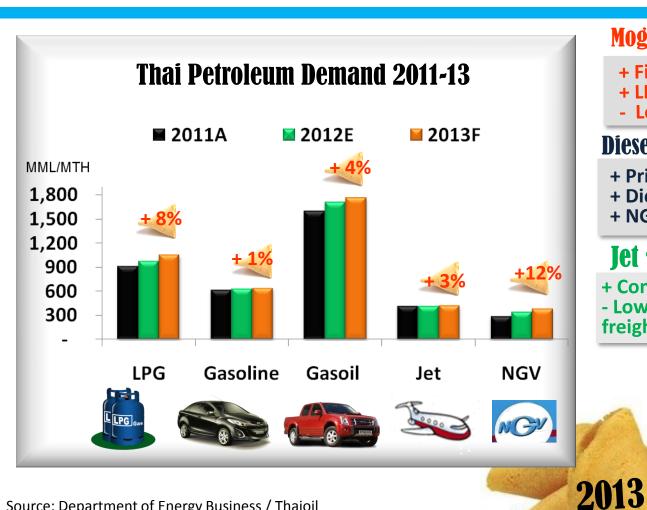
## **GOV'T POLICY... THE BIGGEST FACTOR**





**Implication on Oil Demand** 

### **UNSTOPPABLE DEMAND**



**Mogas** +1%

- + First car tax rebate scheme
- + LPG price to increase
- Less support from oil fund

Diesel +4%

- + Price control at 30B/litre
- + Diesel tax delay
- + NGV price to rise

**Jet +3%** 

- + Continue tourism growth
- Lower long haul fright & freight cargo Total demand grows Aolo

Source: Department of Energy Business / Thaioil





# ISM THANK YOU

#### **PTT Group Oil Market Intelligence Team**









