

#### Organization of Arab Petroleum Exporting Countries (OAPEC)

Current Situation and Future Perspectives of Natural Gas Industry & Trade in the Arab Countries

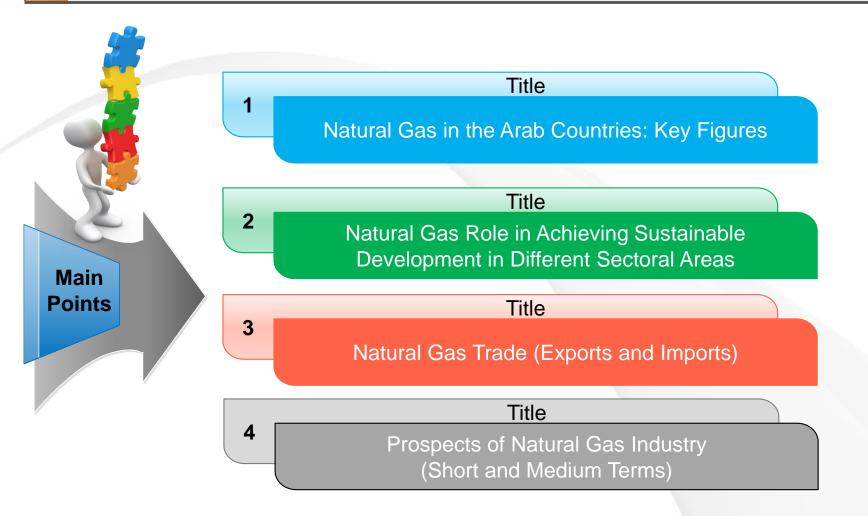
> INTERGAS Nice, France, 28-29 November 2016







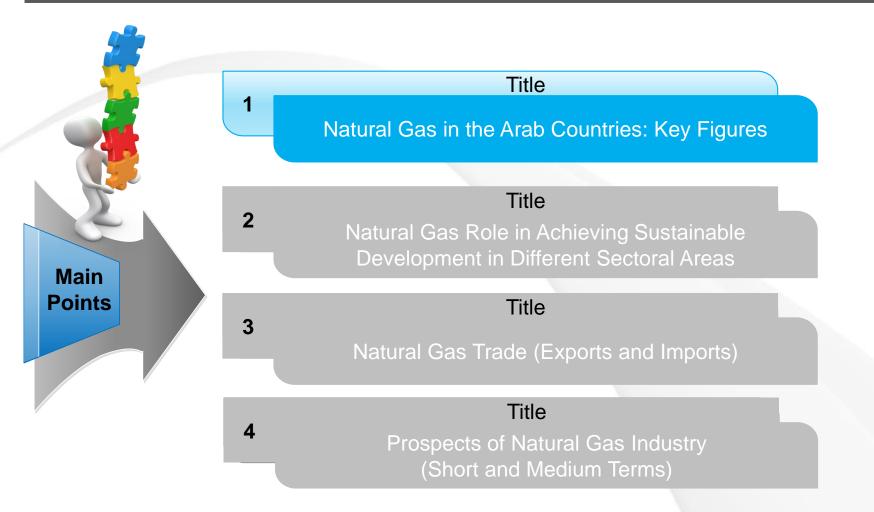
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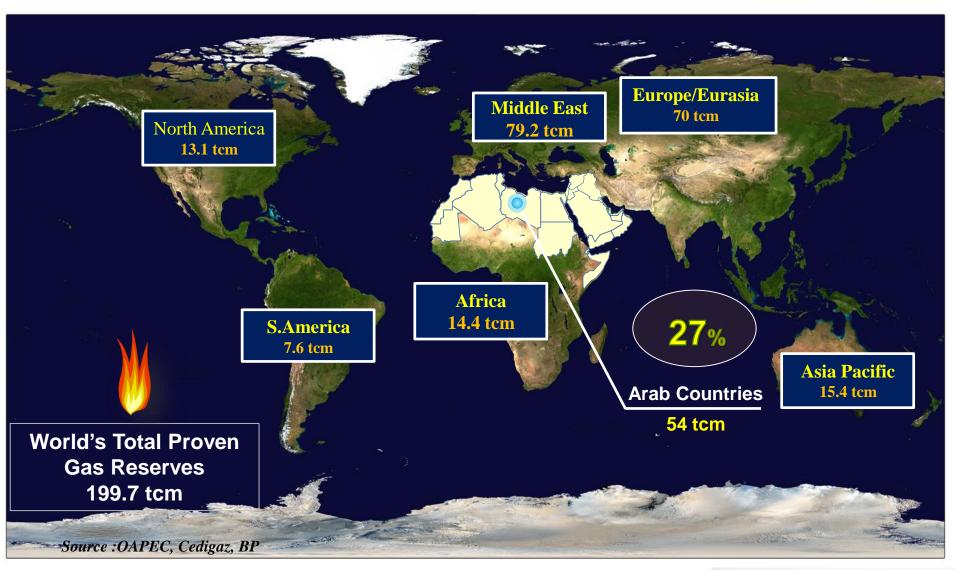
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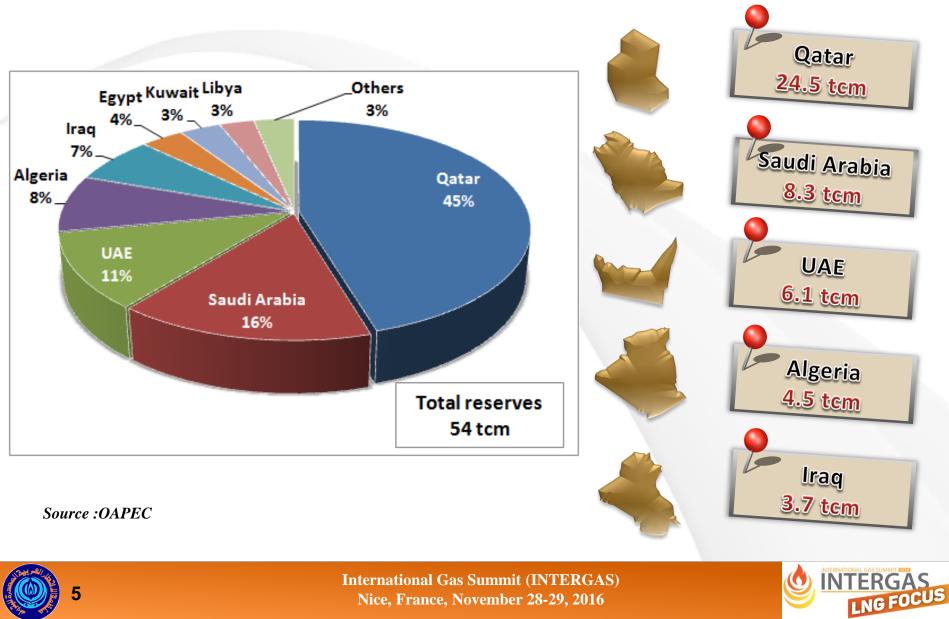




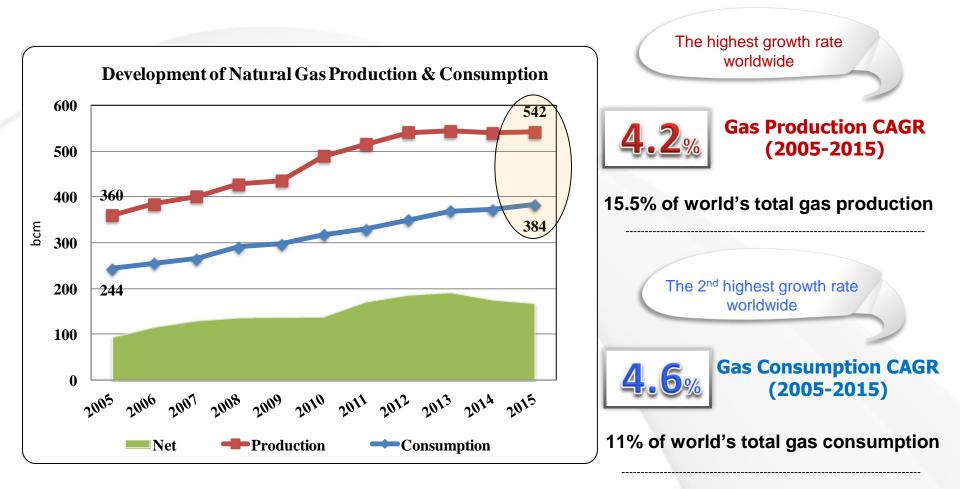




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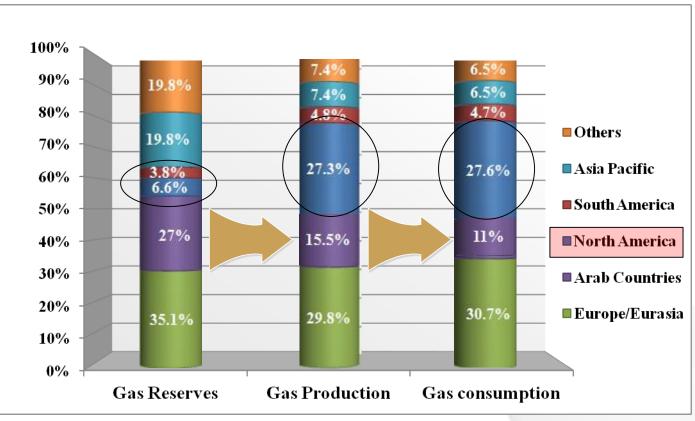
Nice, France, November 28-29, 2016



Source :OAPEC







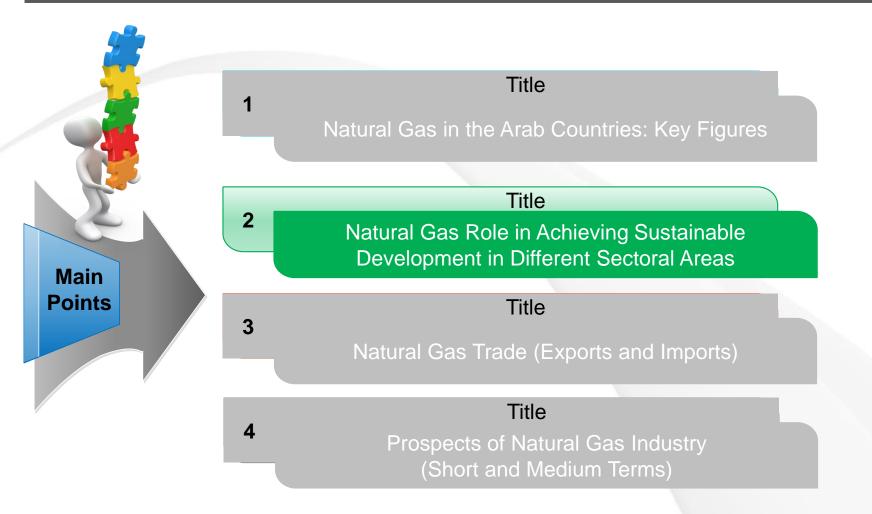
#### Source : OAPEC, Cedigaz



Despite gas reserves in the Arab region are relatively large compared with other regions, its production share is only 15.5% of the world's total gas production.
This paves the way for attracting more investments in developing gas reserves.



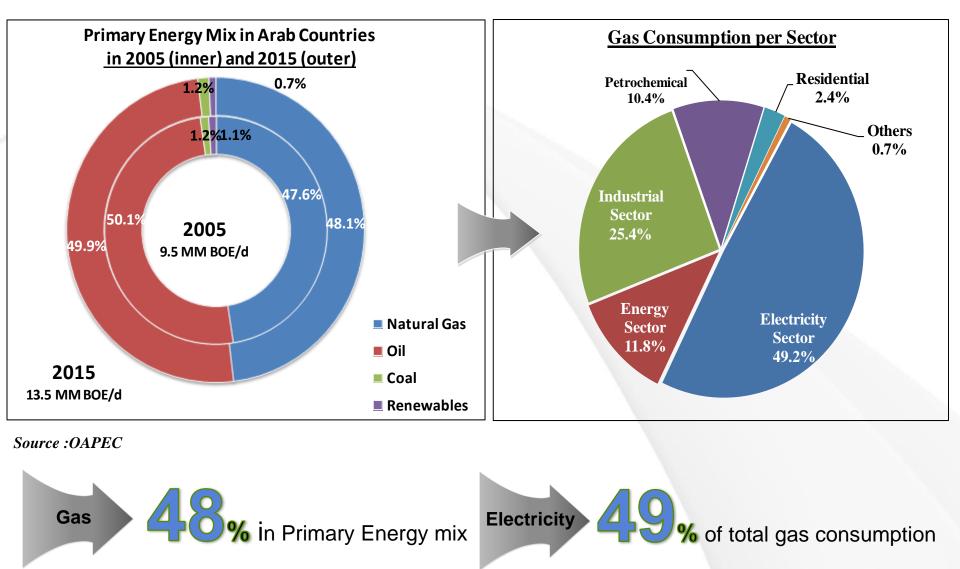
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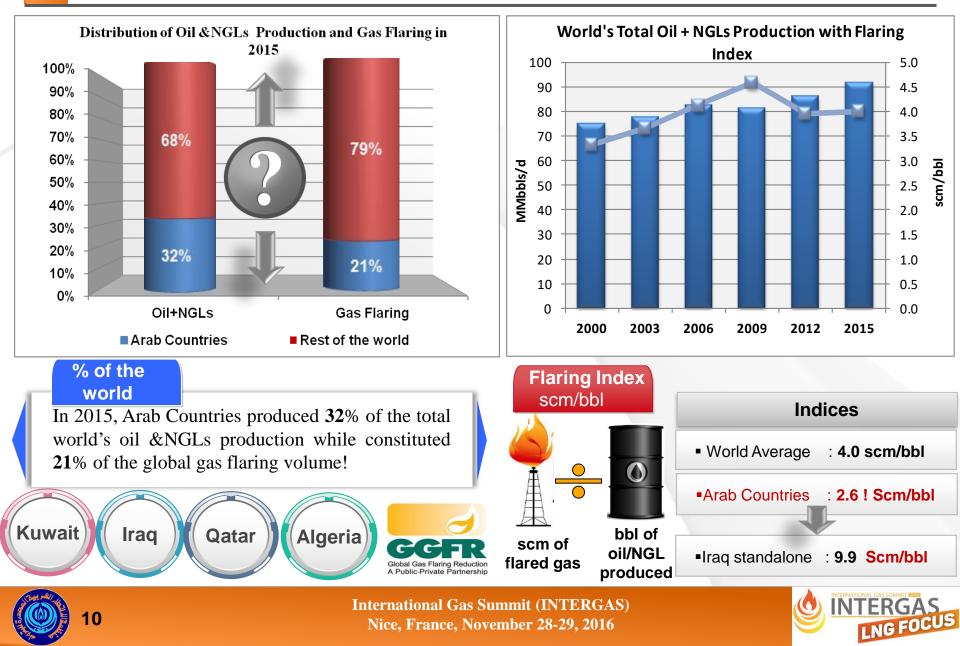
•Gas Share in the Energy Mix in 2015



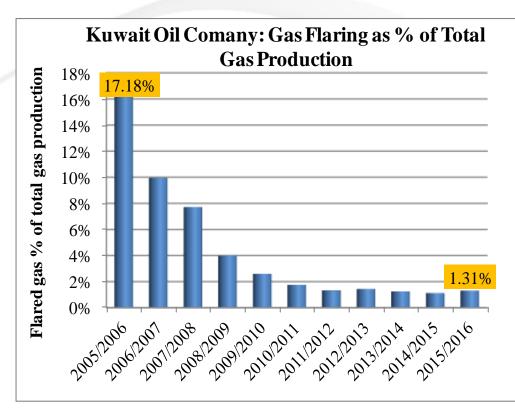




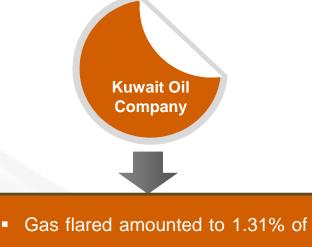
Gas Flaring Reduction



Natural Gas Role in Achieving Sustainable Development
Gas Flaring Reduction: Successful Projects



Source :KOC



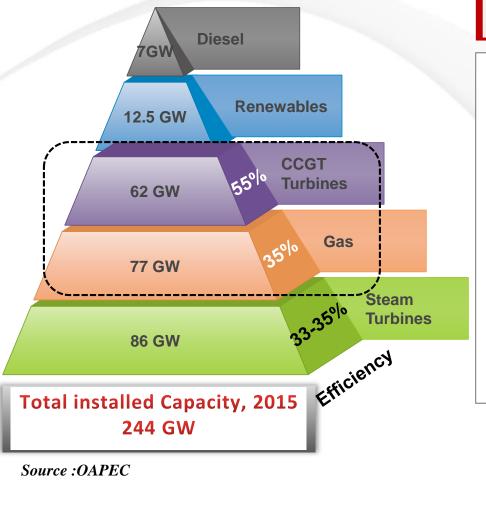
- Gas flared amounted to 1.31% of the total gas production in 2015/2016.
- Total incurred investments: \$3.6 billion.
- Planned investments : \$4.1 billion.
- KOC is a strategic member in the GGFR initiative.





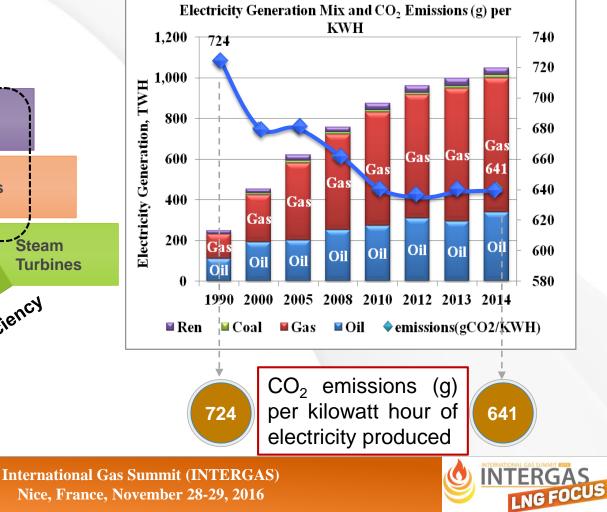
Electricity Sector in the Arab Countries

# **Installed Capacities of Power plants** in Arab Countries



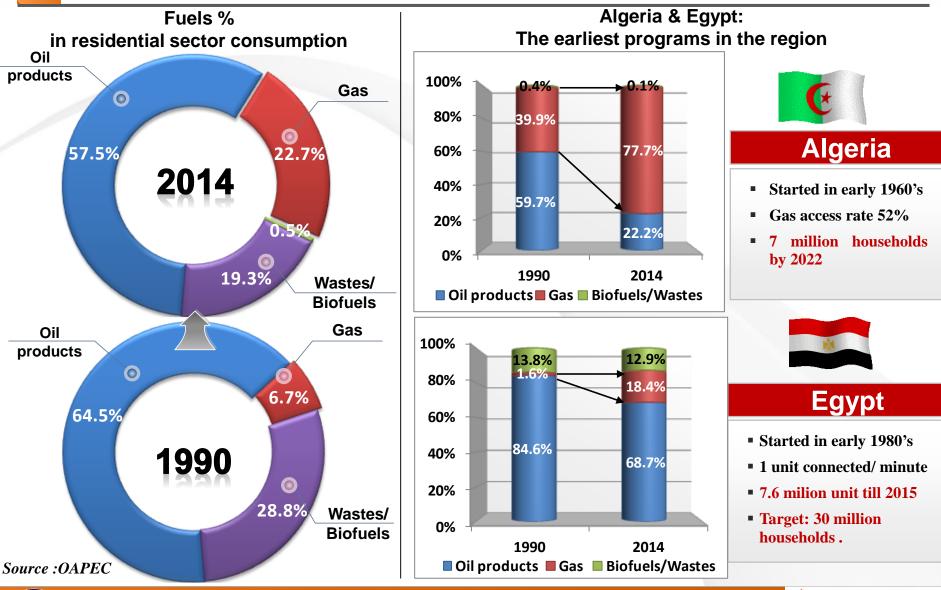
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Gas accounted for  $\sim 63\%$  of the total electricity produced in 2014, while Oil accounted for 32%, compared to 48% and 44% respectively in 1990.



Nice, France, November 28-29, 2016

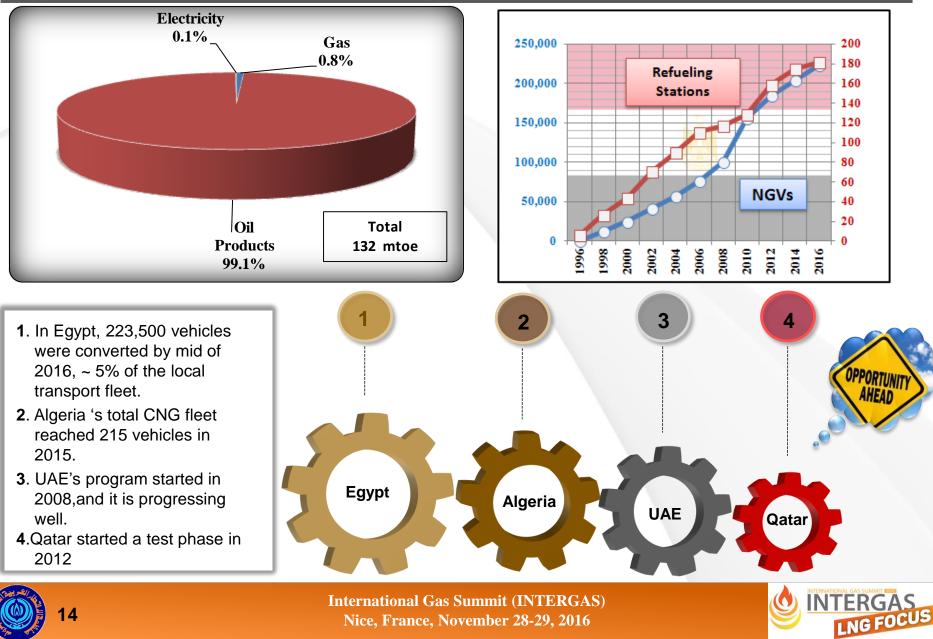
Residential Sector in the Arab Countries





International Gas Summit (INTERGAS) Nice, France, November 28-29, 2016 INTERGAS

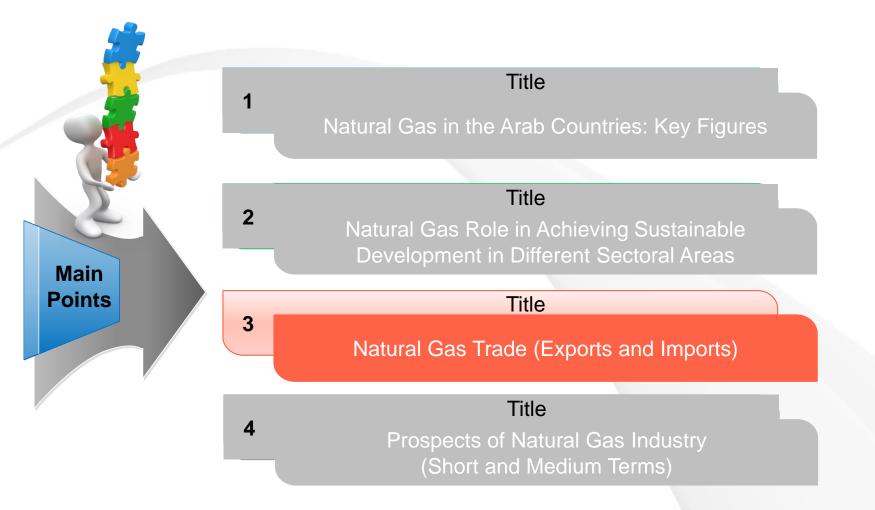
Transportation Sector in the Arab Countries



Nice, France, November 28-29, 2016

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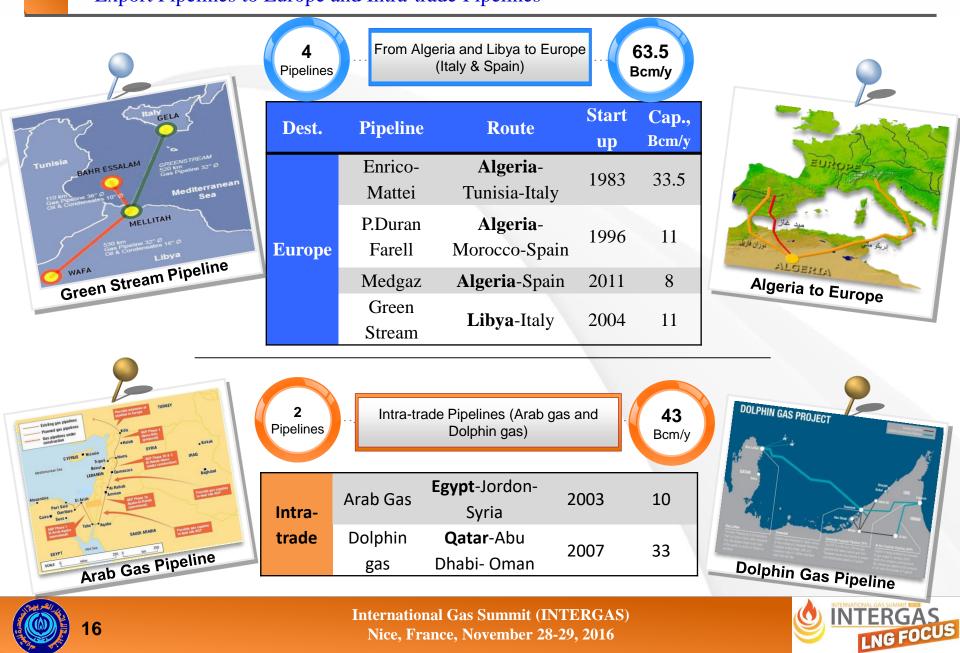


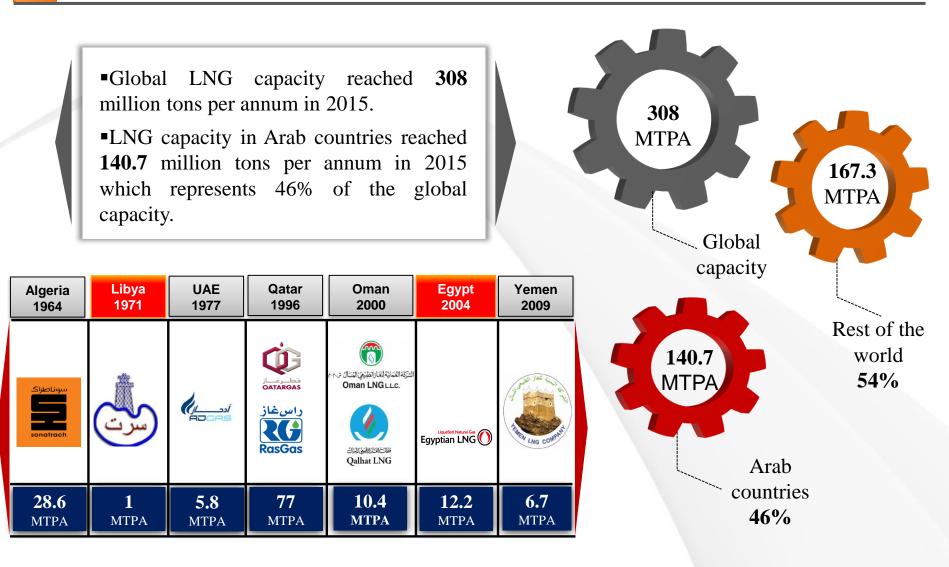




Natural Gas TradeExport Pipelines to Europe and Intra-trade Pipelines

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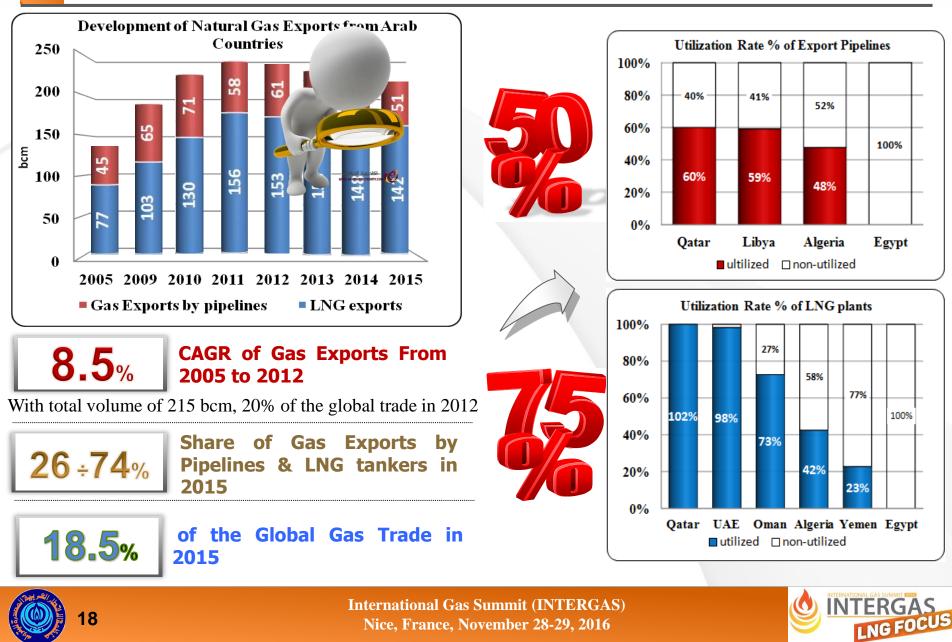






#### Natural Gas Trade

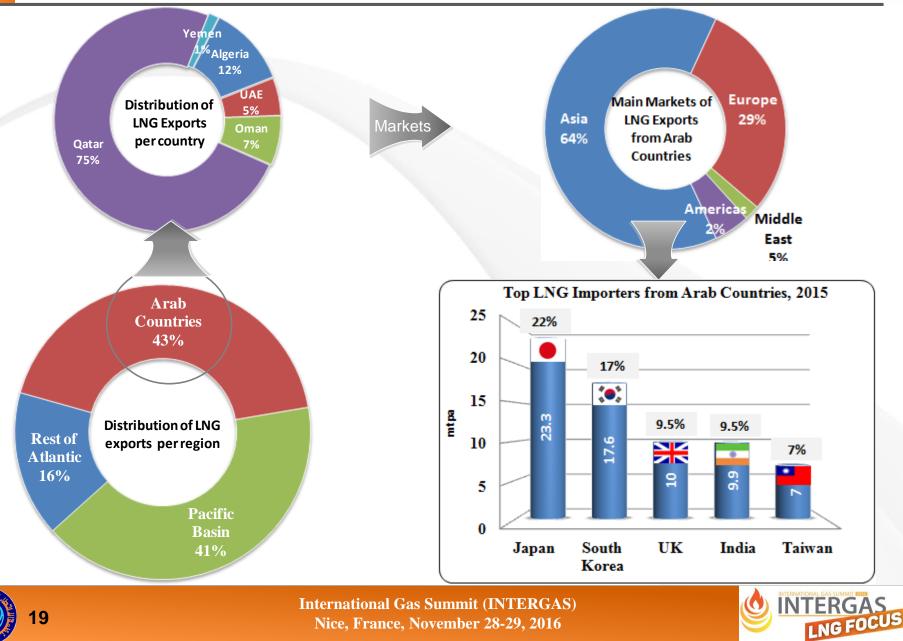
## Development of Natural Gas Exports from Arab Countries



**Natural Gas Trade** •LNG Exports from Arab Countries in 2015

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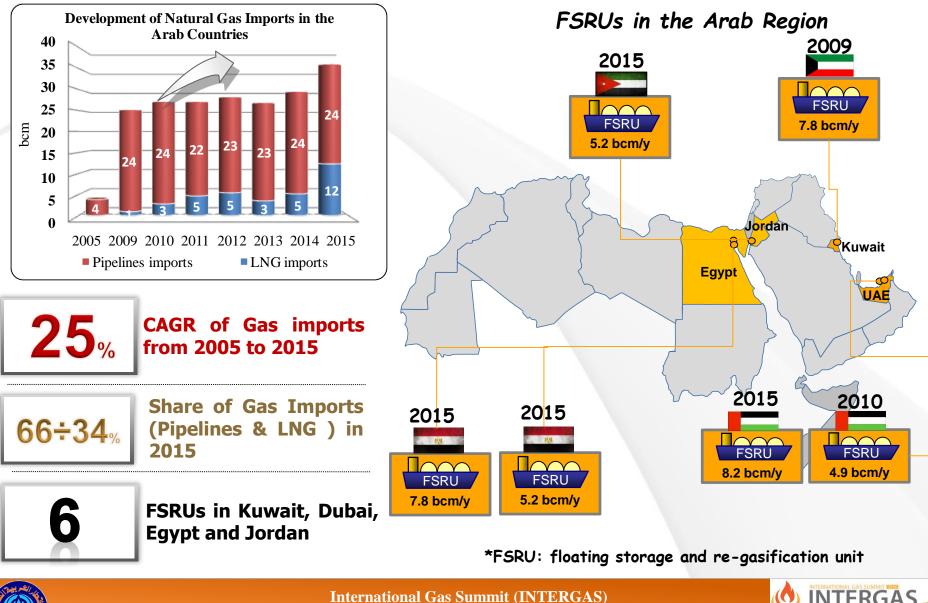
**International Gas Summit (INTERGAS)** Nice, France, November 28-29, 2016

### Natural Gas Trade

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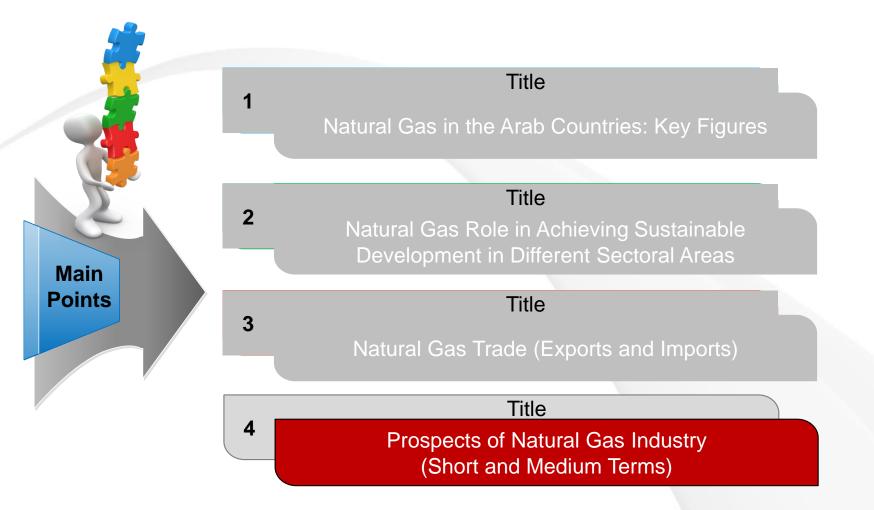
Development of Gas Imports by Pipelines and FSRUs



Nice, France, November 28-29, 2016



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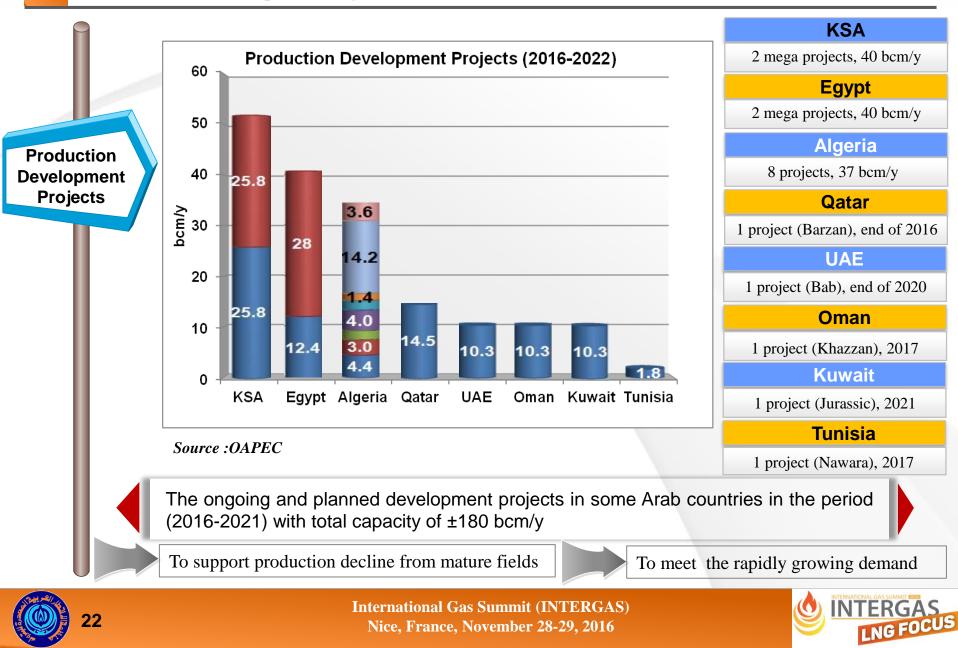






**Prospects of Natural Gas Industry** 

Production Development Projects





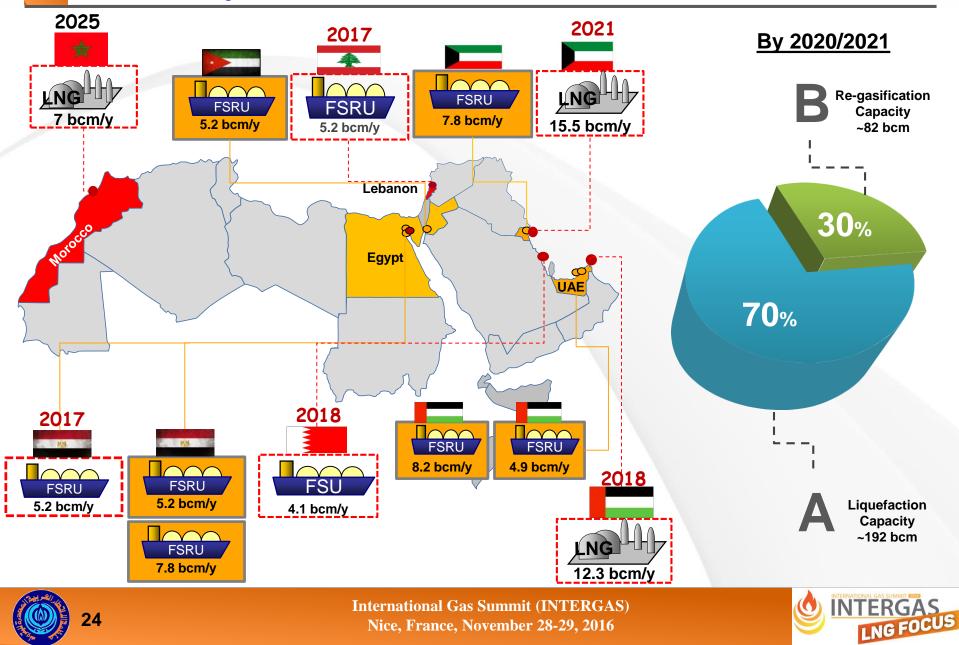
## **Prospects of Natural Gas Industry** •Gas Import Projects

Gas Import	Despite being a major oil and gas supplier to the world, the Arab region is set to be emerging market for natural gas exports (LNG+ Pipelines) due to growing demand that exceeds domestic supply in many countries           Egypt         Iraq         Jordan         Lebanon         Bahrain         Oman         UAE         Kuwait         Morocco         Pipelines								
Projects	3 <sup>rd</sup> LNG terminal (floating)	Gas Pipeline to import gas from Iran	Gas pipeline to import gas from Tamar field	LNG Terminal (Floating)	LNG terminal (FSU)	Gas Pipeline to import gas from Iran	LNG terminal (Fixed) at Al Fujairah	LNG terminal (Fixed) at Ras Al Azor	LNG terminal (Fixed) at Jorf Asfar
	5.2 bcm/y	8.8 bcm/y	0.1 bcm/y	5.2 bcm/y	4.1 bcm/y	10 bcm/y	12.3 bcm/y	15.5 bcm/y	7 bcm/y
	2017	2017	2017	2018	2018	2018	2018	2021	2025
	3 Pipelines Projects			6 LNG Receiving Terminals			Total Additional Import Capacity		
							Bcm/y		
23	International Gas Summit (INTERGAS) Nice, France, November 28-29, 2016							في ا	INTERGAS LNG FOCUS



#### **Prospects of Natural Gas Industry**

LNG Receiving Terminals (Onshore+ FSU/FSRU)



The Arab region holds 27% of the world's total proven gas reserves, represents 15.5% and 11% of the world's total gas production and consumption respectively.

Primary energy mix in the Arab countries is dominated by fossil fuels (50% oil, 48% gas, 1.2% Coal)

There are many sectoral areas in which natural gas effectively contributes to sustainable development objectives.

In 2015, Arab Countries produced 32% of the total word's oil &NGLs production while flared 21% of the global gas flaring volume.

Arab Countries supply LNG markets by ~45% of their needs, while Qatar alone represents 75% of total LNG exports from Arab Countries.

Arab region is set to be emerging market for natural gas exports (LNG+ Pipelines) due to growing demand that exceeds domestic supply in many countries.





# **Questions?**



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