



OAPEC

Organization of Arab
Petroleum Exporting
Countries

**The 4th Session of the UNECE's Group of Experts on Gas,
United Nations, Geneva, 27-28 March 2017**



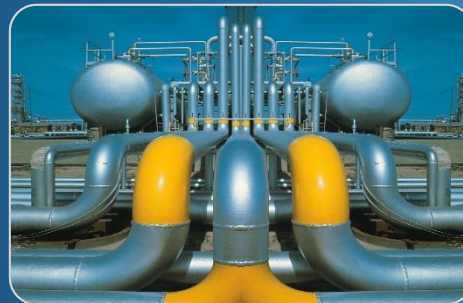
**United Nations
Economic Commission
for Europe**

“The Latest Developments of Natural Gas Industry in the Arab Countries & Potential Impacts on Europe”

Eng/Wael Hamed A. Moati

Gas Industries Expert

OAPEC



1

OAPEC in Brief

2

Natural Gas in the Arab Countries: Key Figures

3

Current Trends of Gas Trade in the Arab Countries

4

Prospects of Gas Industry in the Arab Countries

5

Focus on Europe & Potential Impacts





11

Member
CountriesOAPEC
Since 1968

4

JVs

Transport, Shipbuilding,
Investment & Petroleum
Services

701

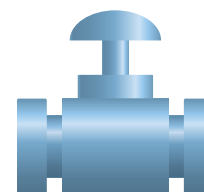
Billion Oil
Barrels~55% of the World's Total
Reserves

53

Trillion Cubic
Meters27% of the World's Total
Reserves

28

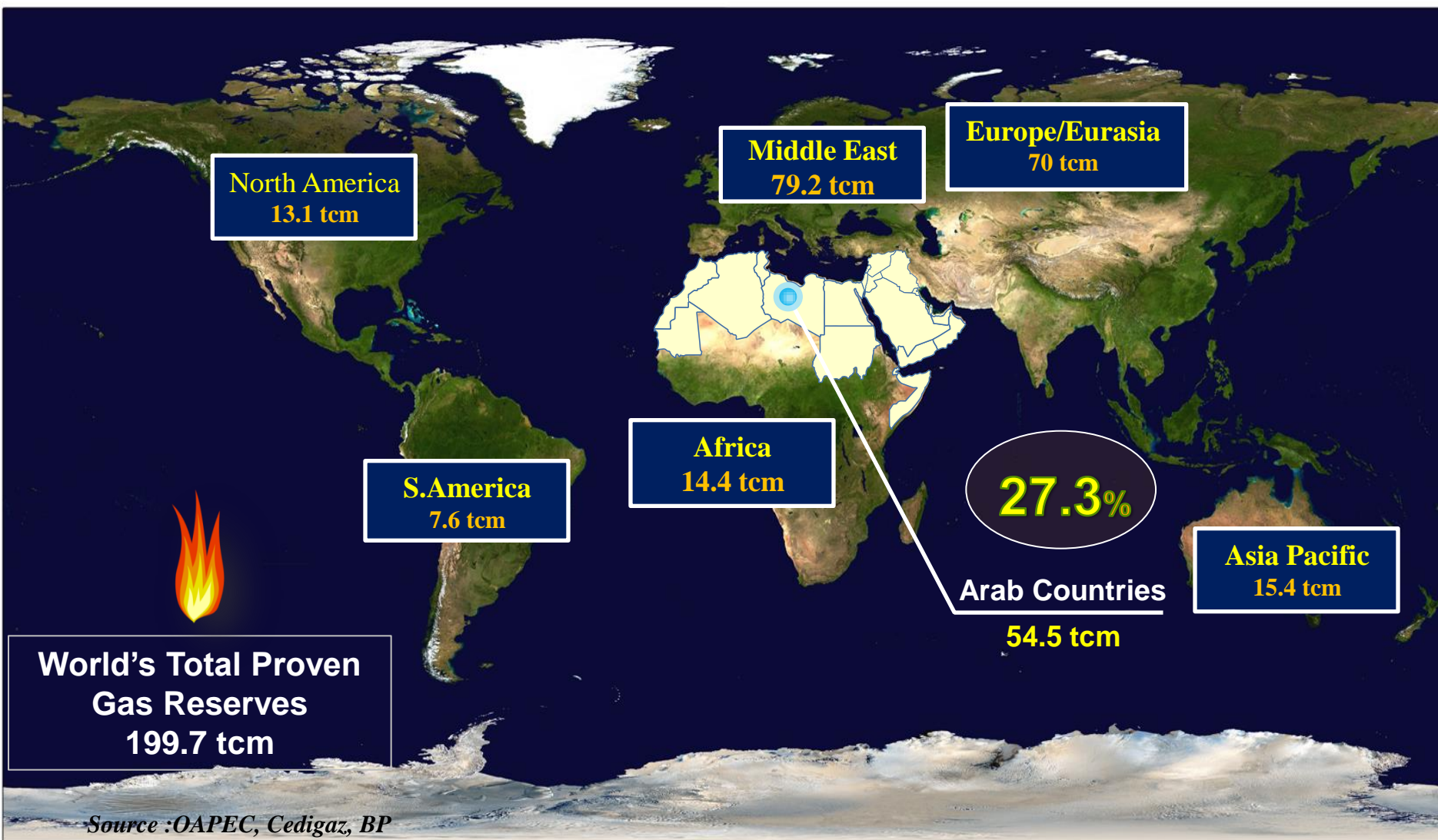
MMbbls/d

32% of the World's Total
Oil/NGL Production

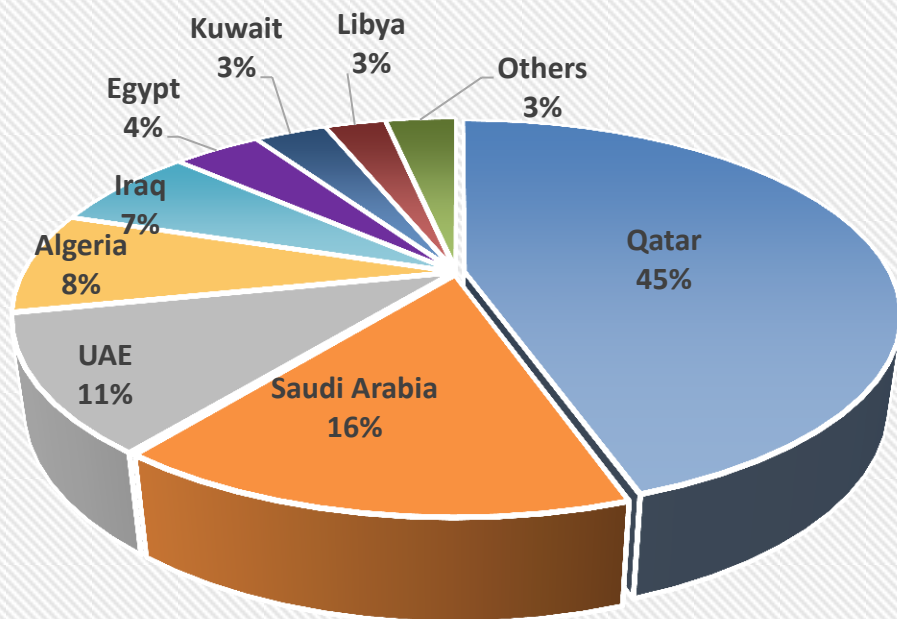
510

Bcm/y

~15% of the World's Total
Gas Production



Distribution of Proven Gas Reserves in the Arab Countries



Source :OAPEC

Total Reserves
54.5 tcm

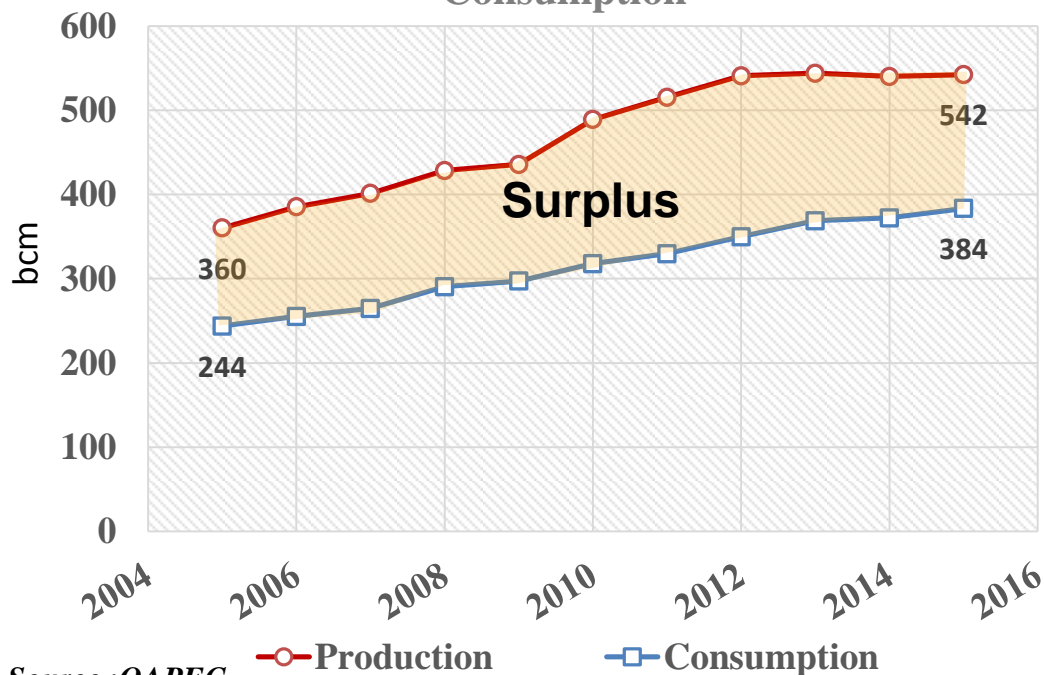


Countries





Development of Natural Gas Production & Consumption



The highest growth rate worldwide

4.2% Gas Production CAGR (2005-2015)

15.5% of world's total gas production

The 2nd highest growth rate worldwide

4.6% Gas Consumption CAGR (2005-2015)

11% of world's total gas consumption

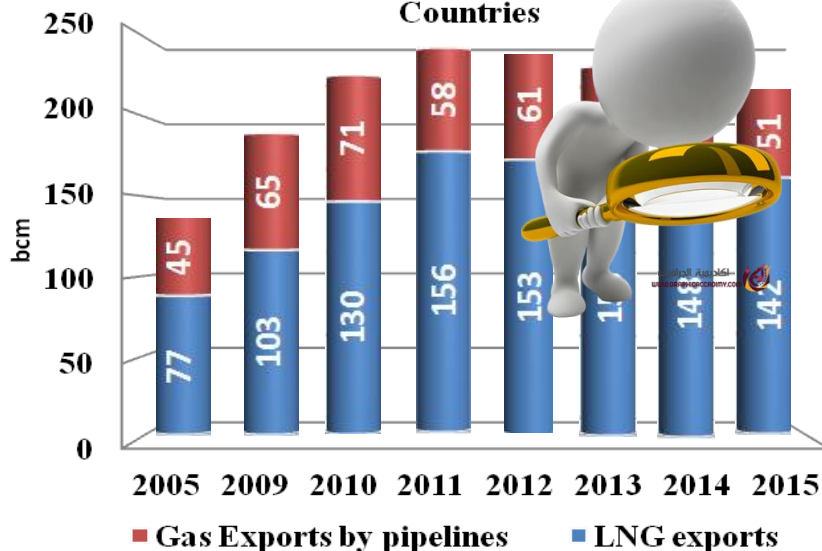
Gas

49% in Primary Energy mix

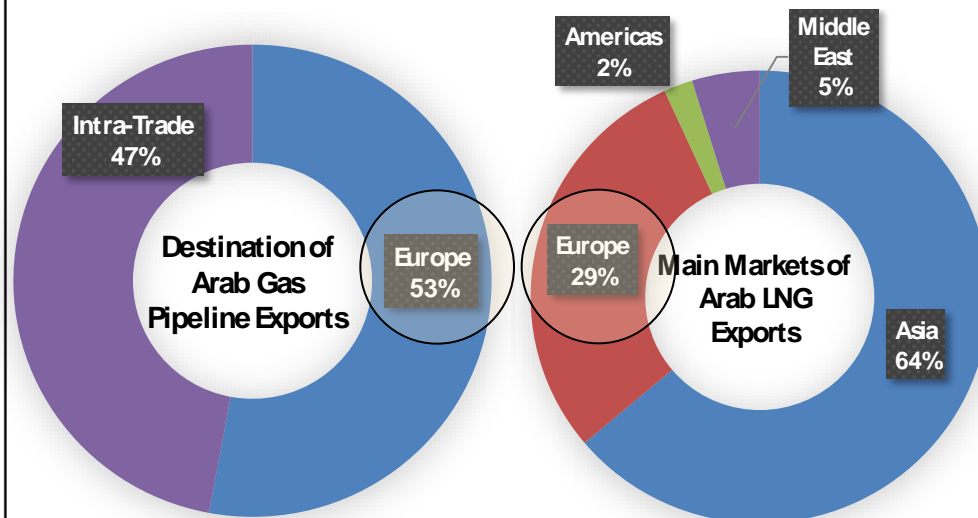
Electricity

49% of total gas consumption

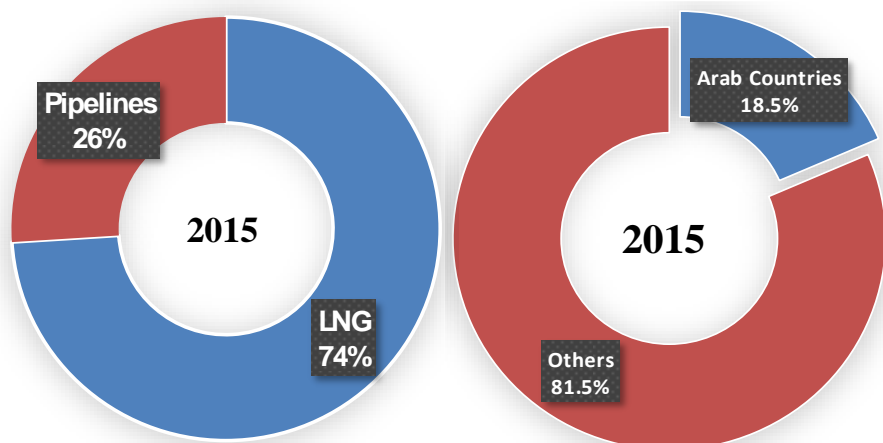
Development of Natural Gas Exports from Arab Countries



Destinations of Gas Exports



Arab Gas Exports Global Gas Trade



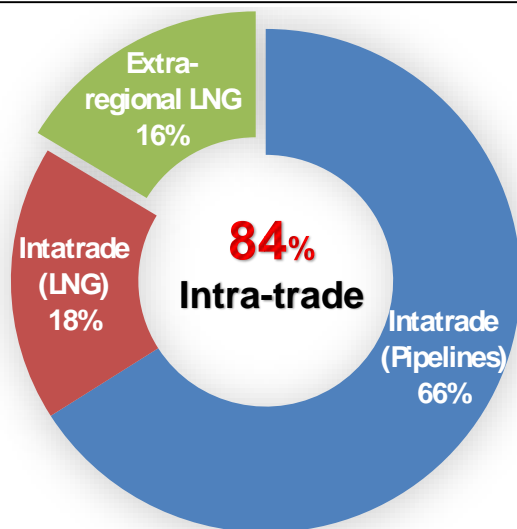
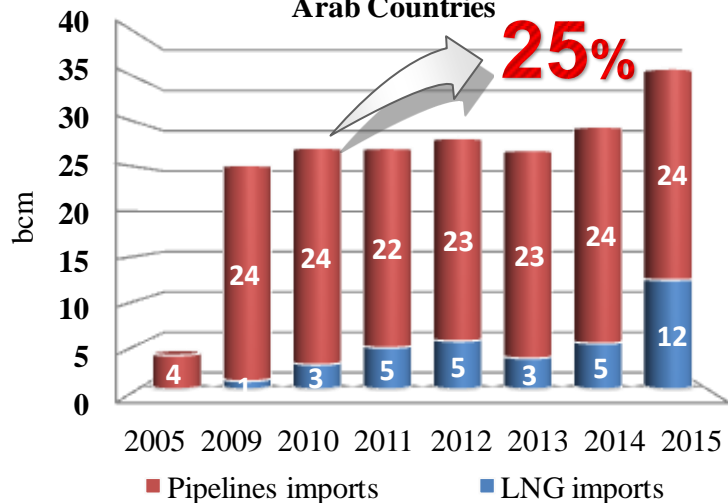
53% Piped gas exports to Europe

29% LNG exports to Europe

What about Europe?

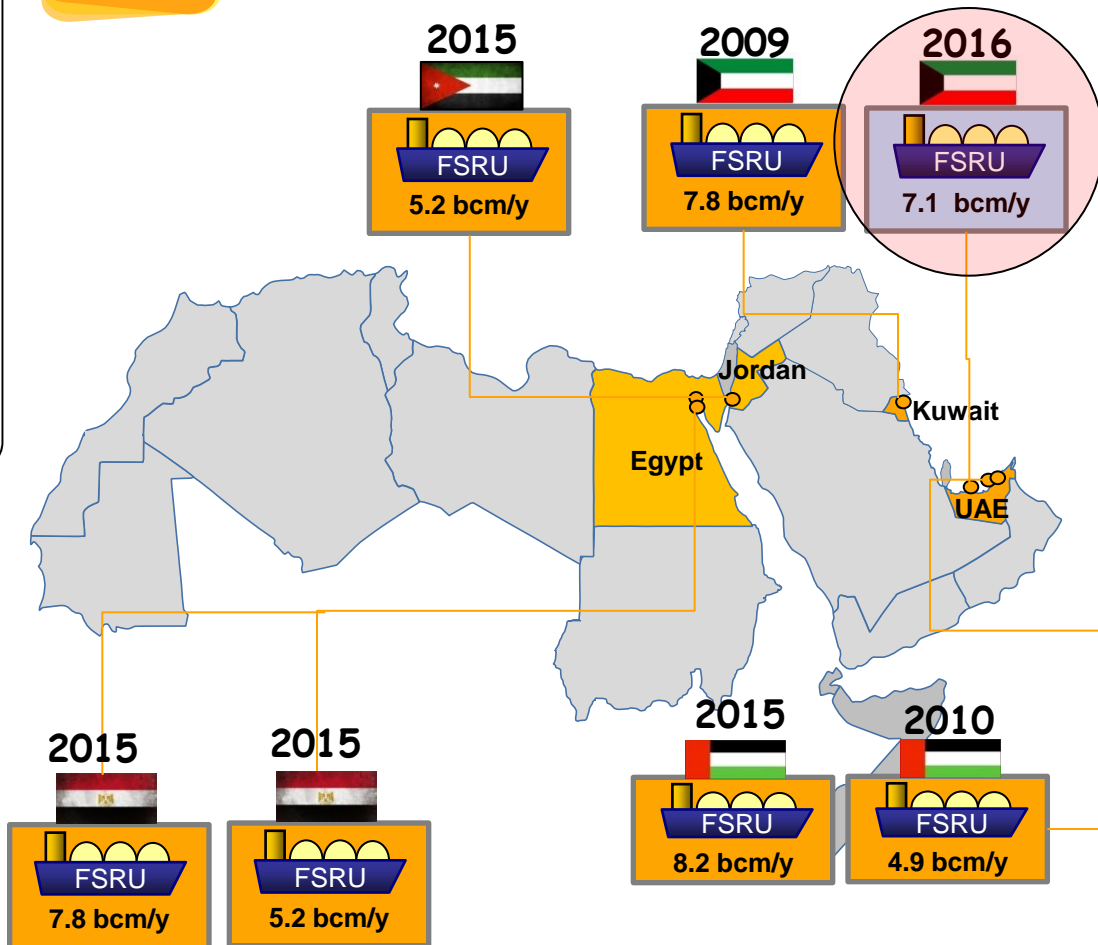


Development of Natural Gas Imports in the Arab Countries



7

FSRUs in the Arab Region



*FSRU: floating storage and re-gasification unit

**KSA**

- Wasit Mega Project, 2016
- Fadhili Mega Project, 2019

Egypt

- WND Project, 2017
- Zohr Mega Project, 2017
- Atol Project, 2018

Algeria

- 8 Project, 2016-2019

Qatar

- Barzan Project, 2017

UAE

- Shah phase 2, 2020
- Bab Project, 2020

Oman

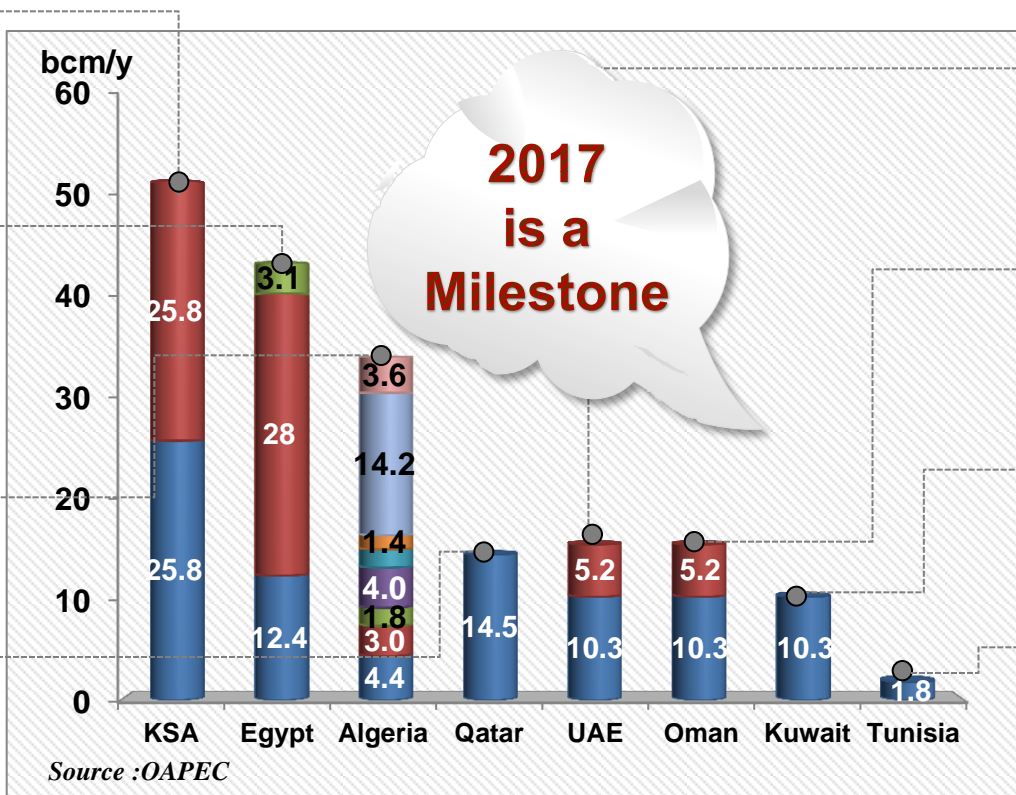
- Block-62, 2016
- Khazzan 1 & 2, 2020

Kuwait

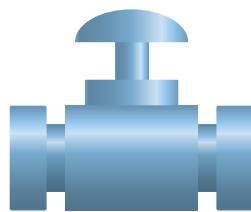
- Jurassic Project, 2021

Tunisia

- Nawara Project, 2017



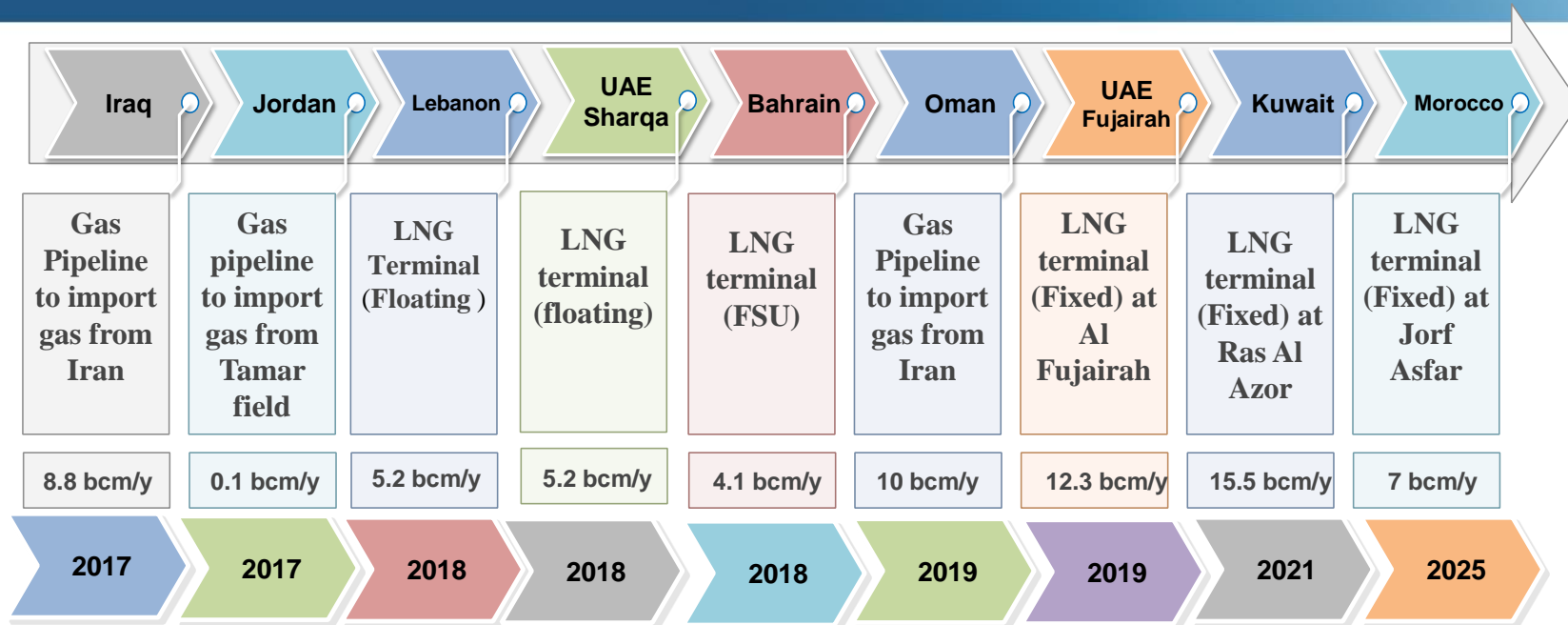
21
Projects



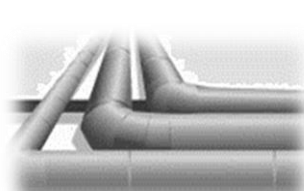
200+
Bcm/y



\$120+
Billion



6
LNG
Terminals



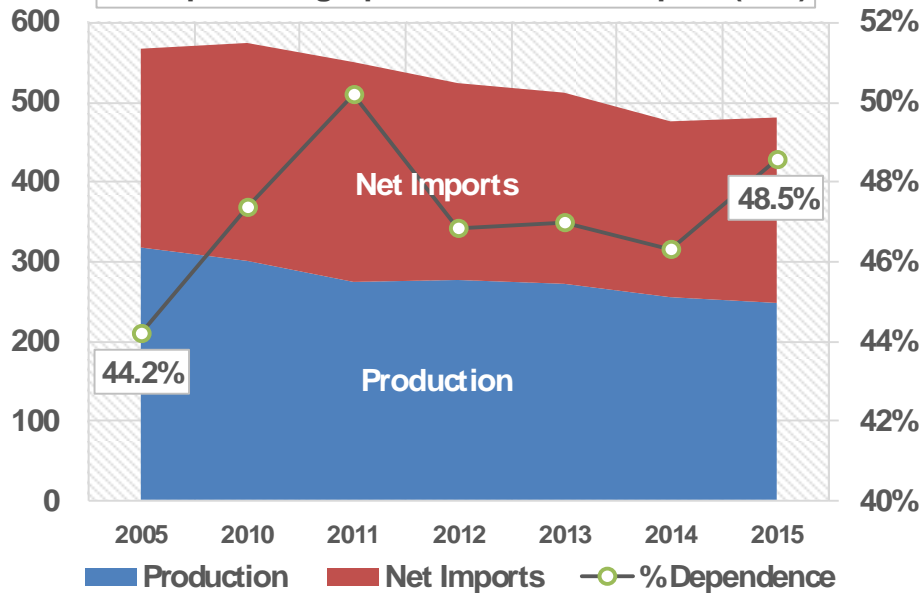
3
Import
Pipelines



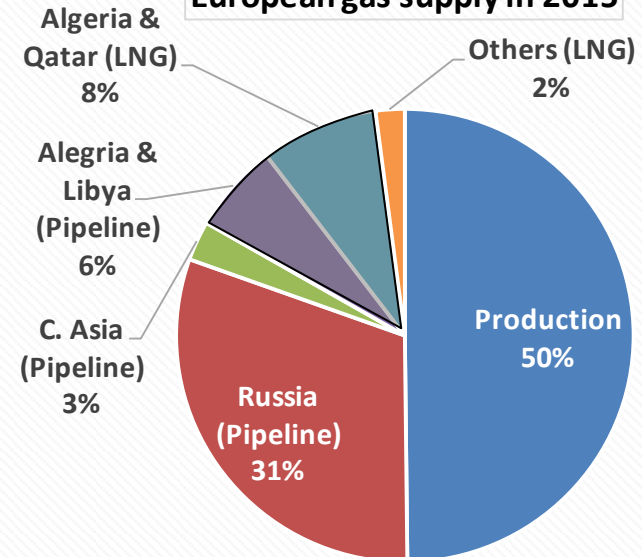
70
Bcm/y
Import Capacity



Development of gas production and net imports (bcm)



European gas supply in 2015



-2.4%

Production
Growth Rate

-1.6%

Consumption
Growth Rate

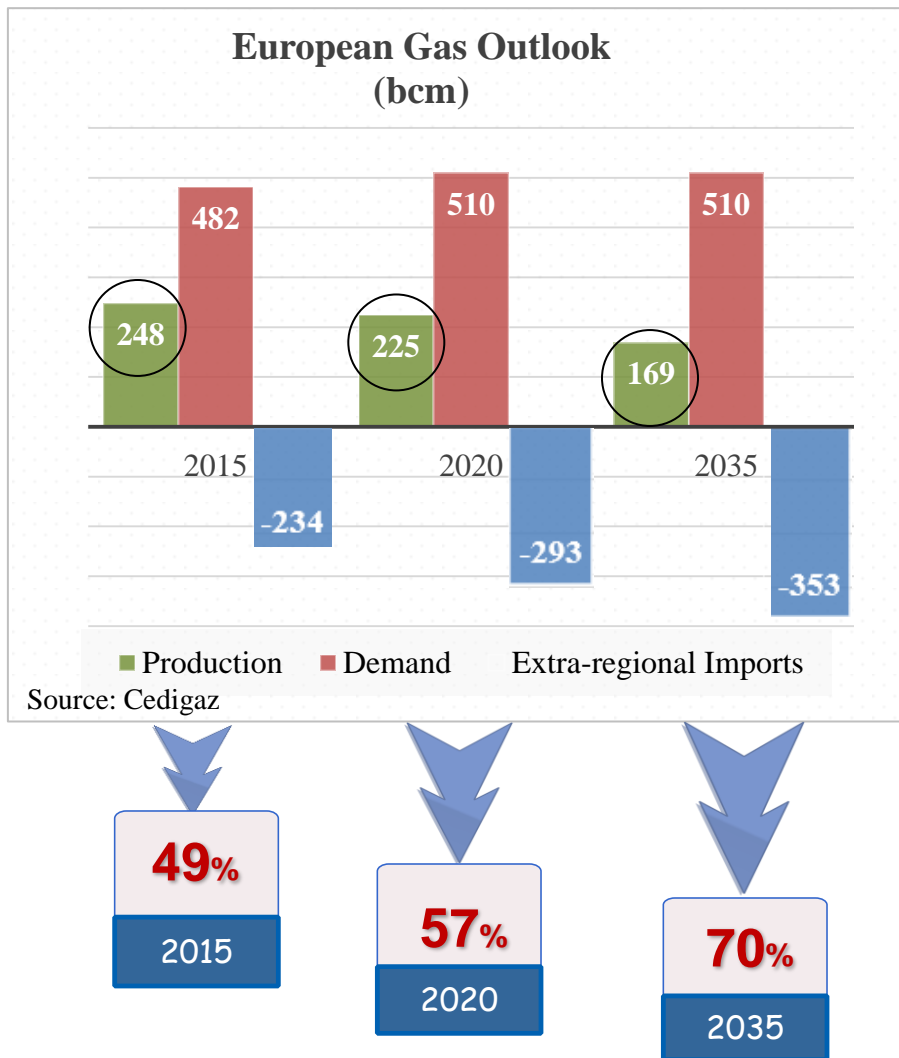
14%

Arab Countries
% in Euro Supply8%
LNG

1

6%
Pipelines

2



Production and Demand

Continuous decline of indigenous gas production while demand is stable at 510 bcm/y



Net Extra-regional Imports

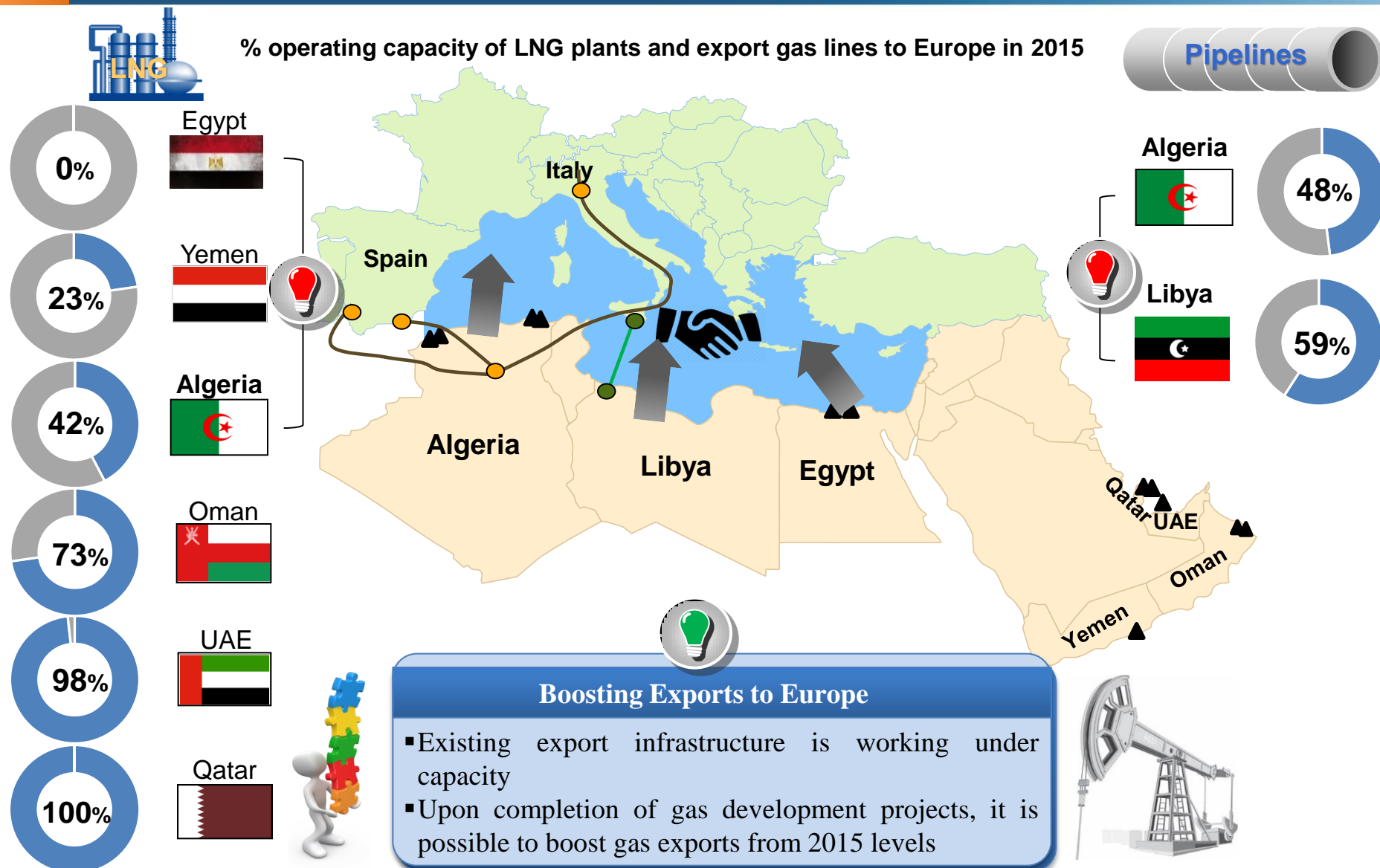
Higher dependence on imports (LNG and Pipelines) to meet the forecasted demand

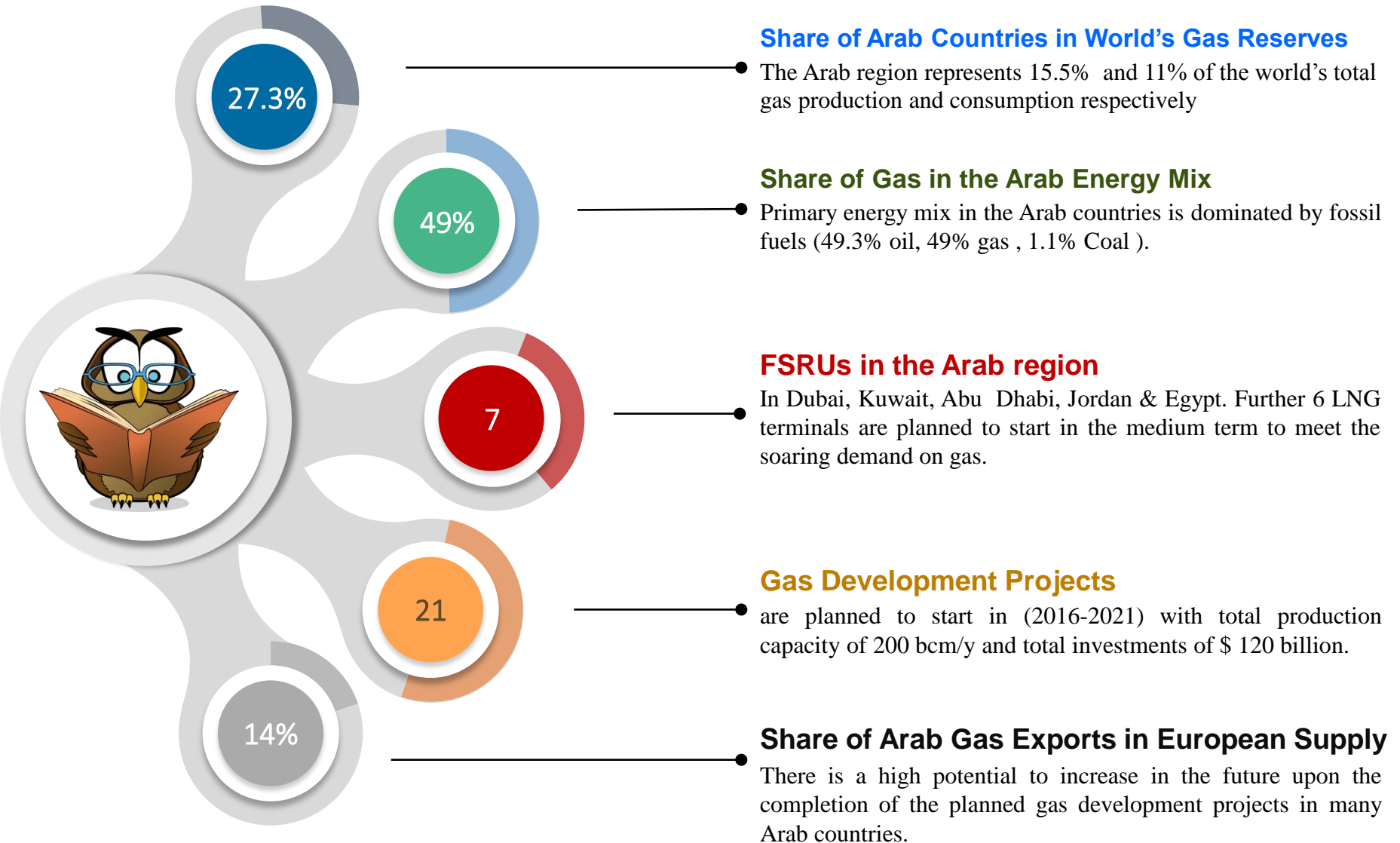


Share of LNG Imports

Expected higher share of LNG to enhance diversification and security of supply









Eng. Wael A. Moati
Gas Industries Expert,
OAPEC



Whamed_eng@oapecorg.org

