

# **EWE** Turkey Holding

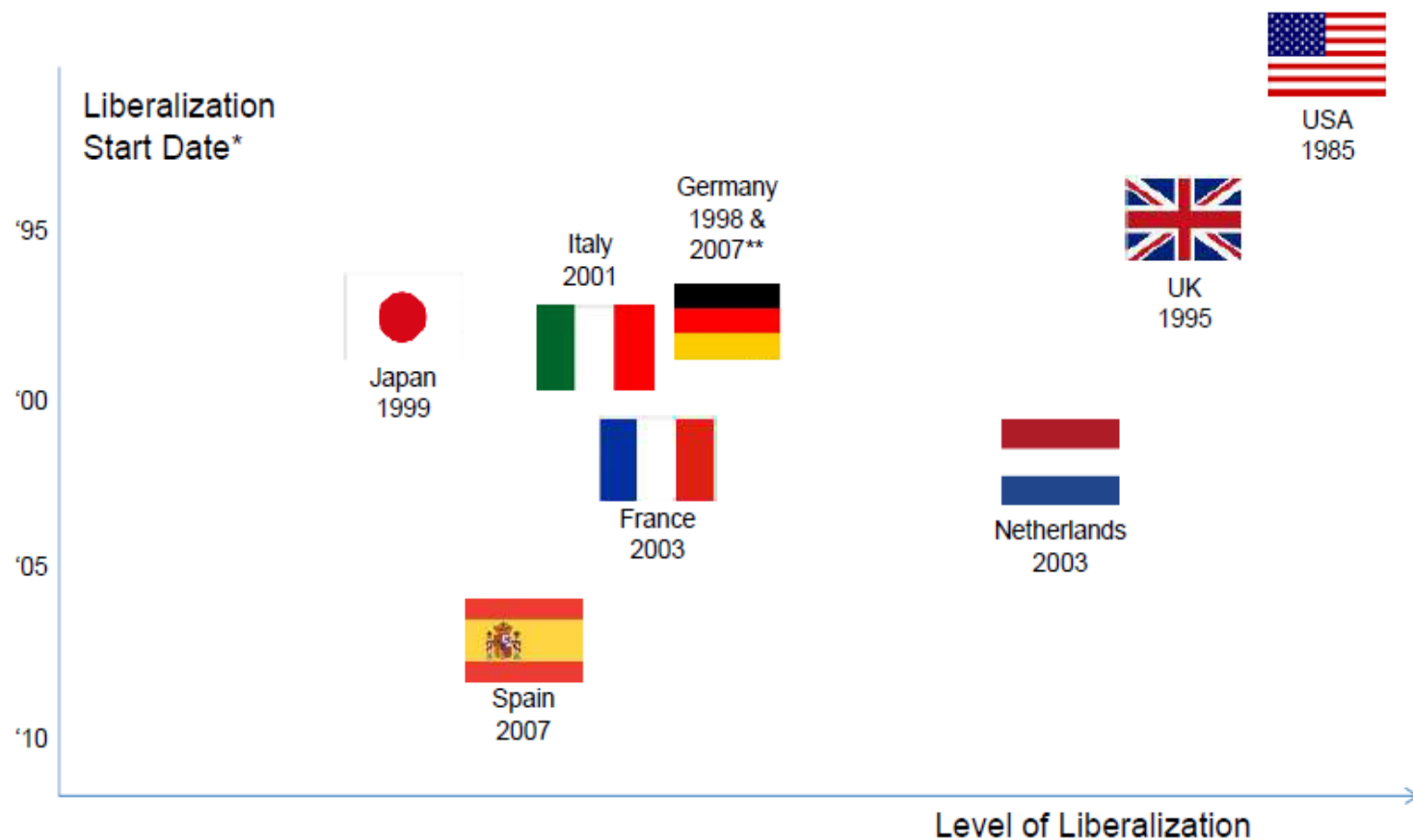
## Turkish Gas Sector: Next Steps

7<sup>th</sup> Energy Summit 23 November, Adana

Dr. Frank Quante, EWE Turkey Holding General Manager

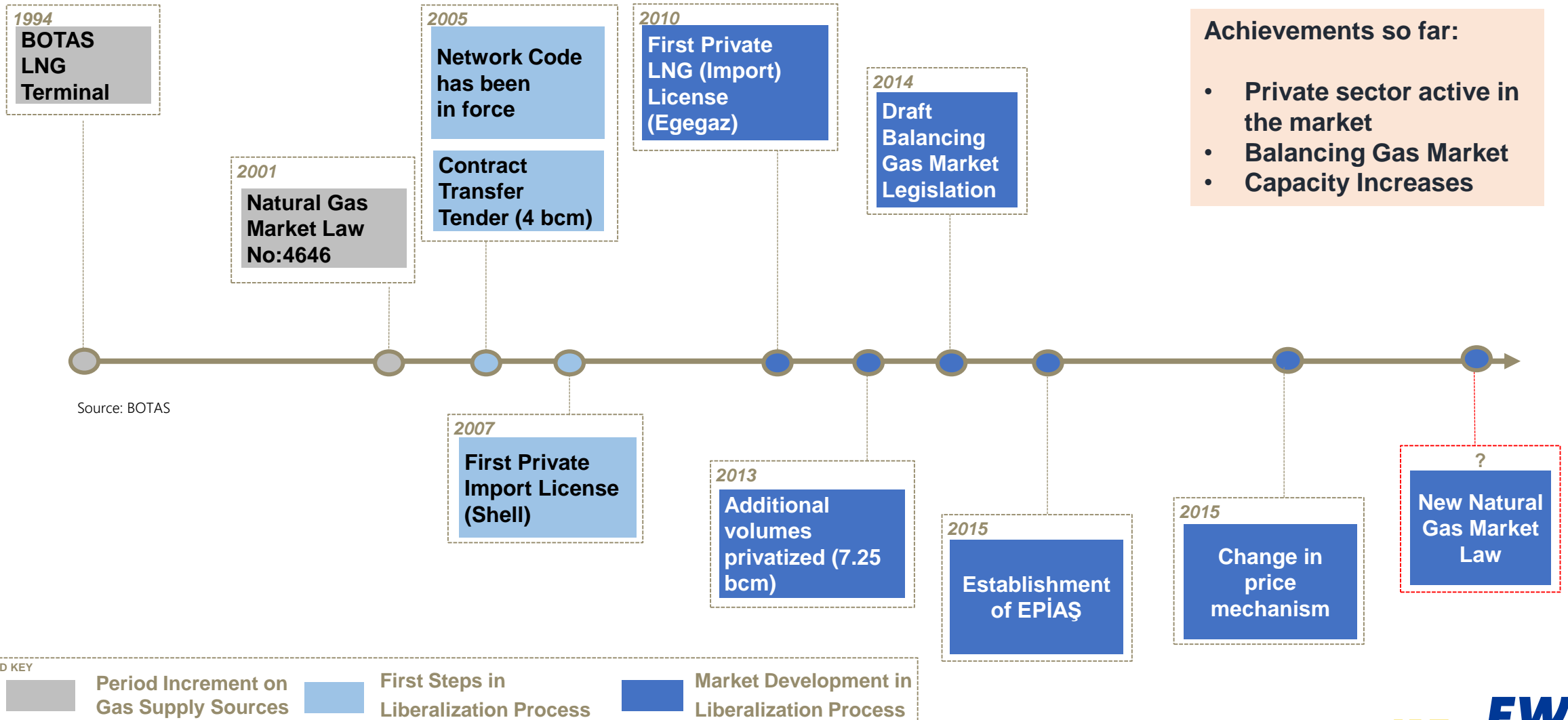


# Where are other countries, where is Turkey?

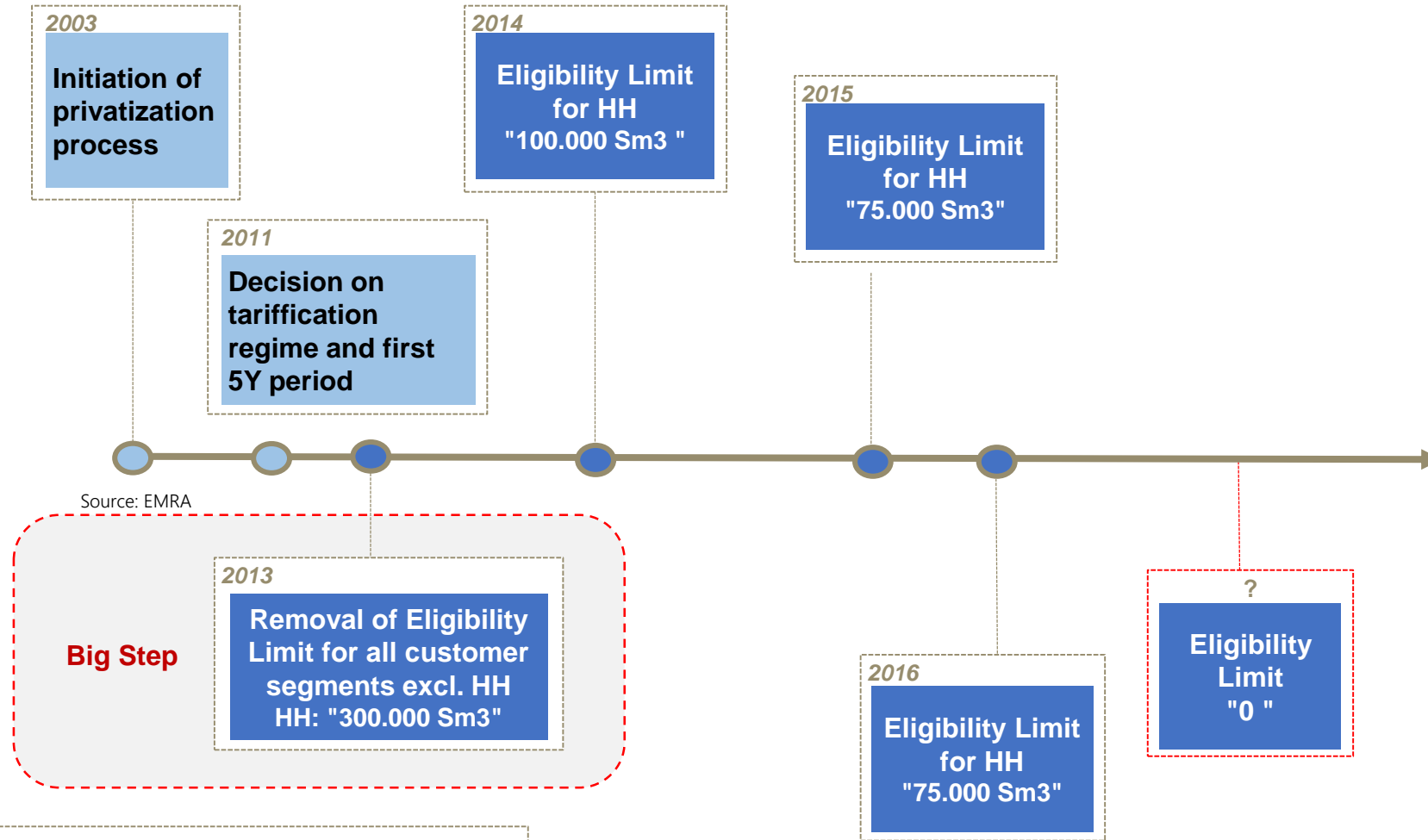


- Unbundling
- Flexibility
- Autonomous TSO
- Sufficient Capacity
- Cost-reflective prices
- Non-discriminatory access
- Free import & export

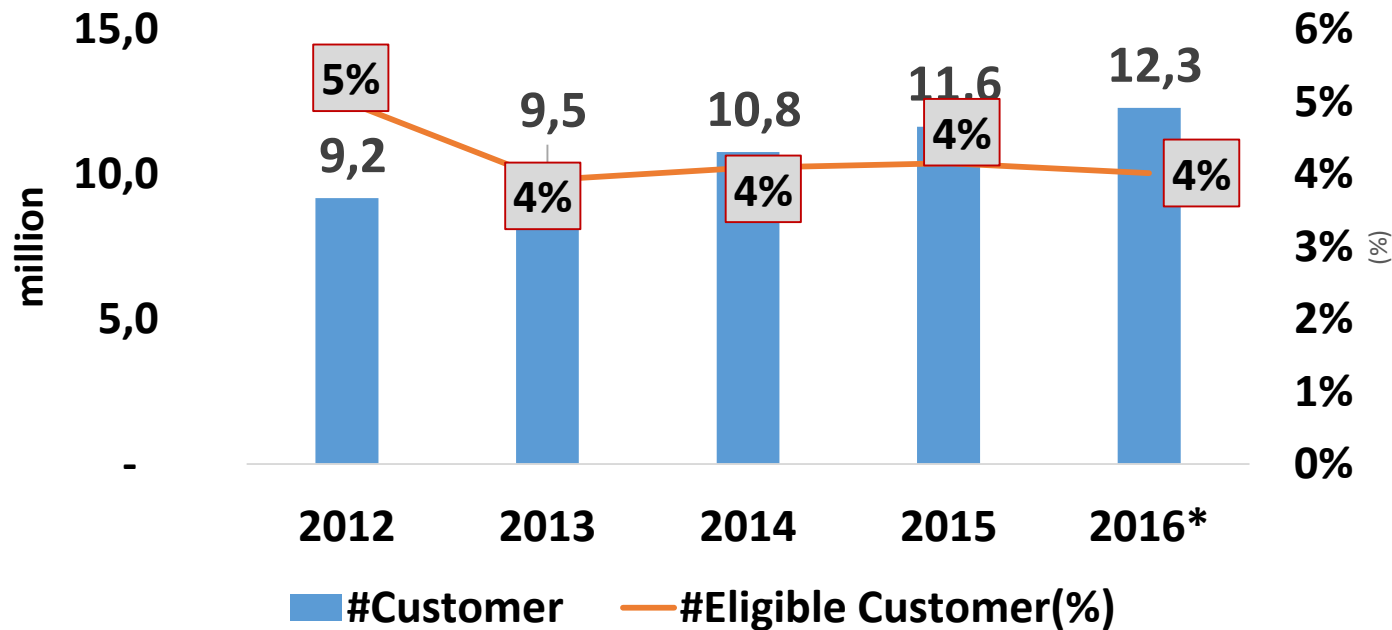
# Historical Developments in Natural Gas Market – Import & Wholesale & Trading



# Historical Developments in Natural Gas Market - Retail



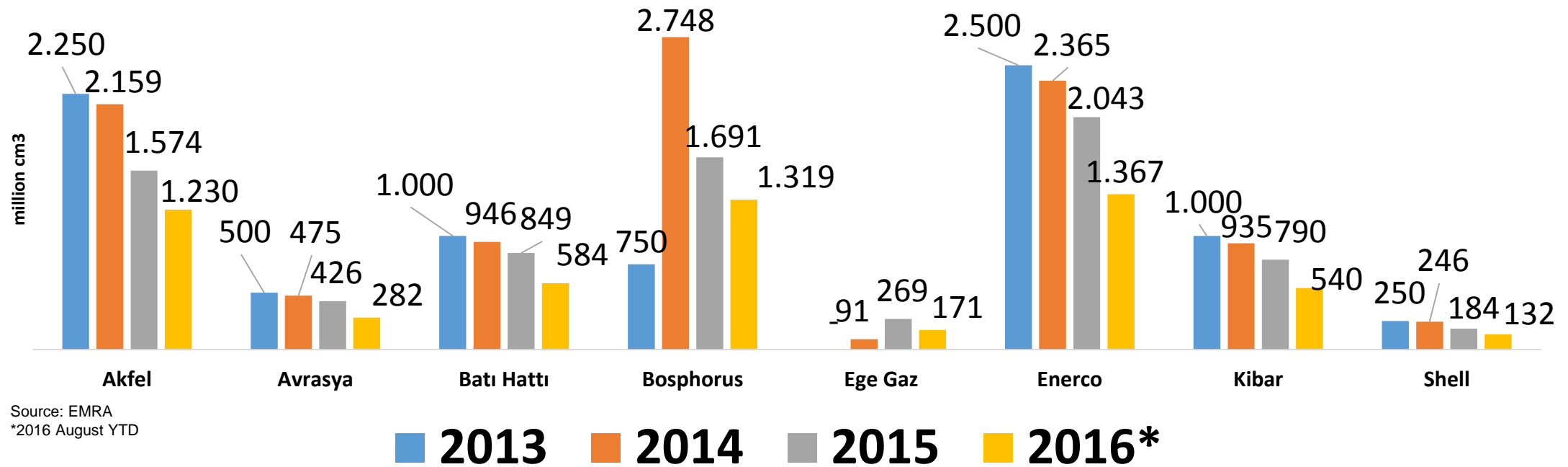
## Natural Gas Market Development in Turkey



→ Remarkable progress in connecting households!

Source: EMRA  
\*As of August 2016

## Private Gas Import Walk



Source: EMRA  
\*2016 August YTD

- In 2015 total gas import decreased 2% compared to 2014 however it had increased 9% in 2014 compared to 2013.
- Gas import market share of BOTAŞ was 80% and 84% in 2014 and 2015 respectively

- **Unbundling/reorganization of BOTAS**
- **Pushing current pipeline projects**
- **Increasing number of private sector players and market share**
- **Starting gas trading via EPIAS**
- **Flexible contracts**
- **Energy storage projects to strengthen security of supply**

**→Developing Turkey as a hub**

- **Unbundling of gas distribution**
- **Connecting the countryside**
- **Allowing competition in all customer levels**
- **Allowing market prices**
- **Integration of customer satisfaction to tariff methodology**
- **Picking up important security issues such as chimney control**





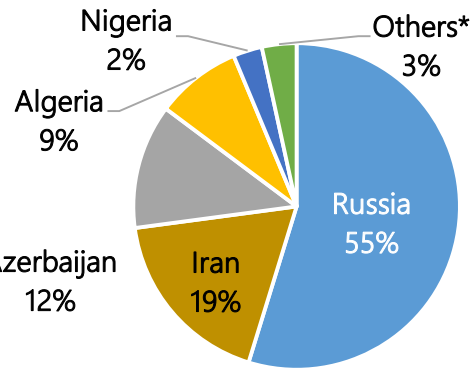
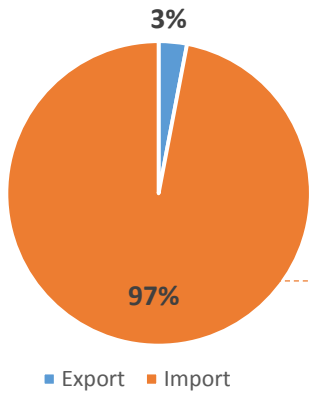
Thank you

# Appendix

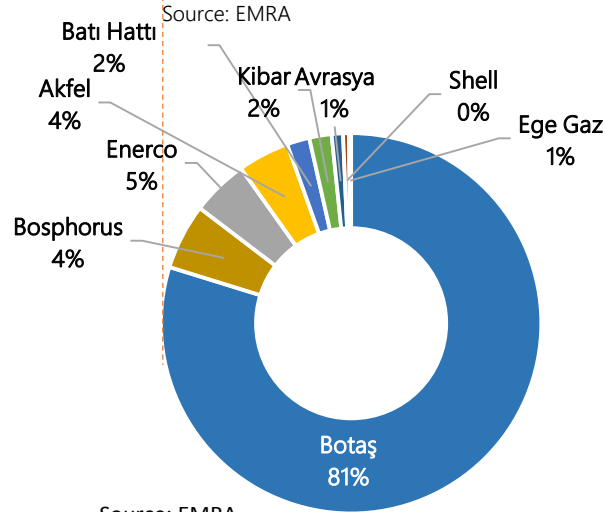
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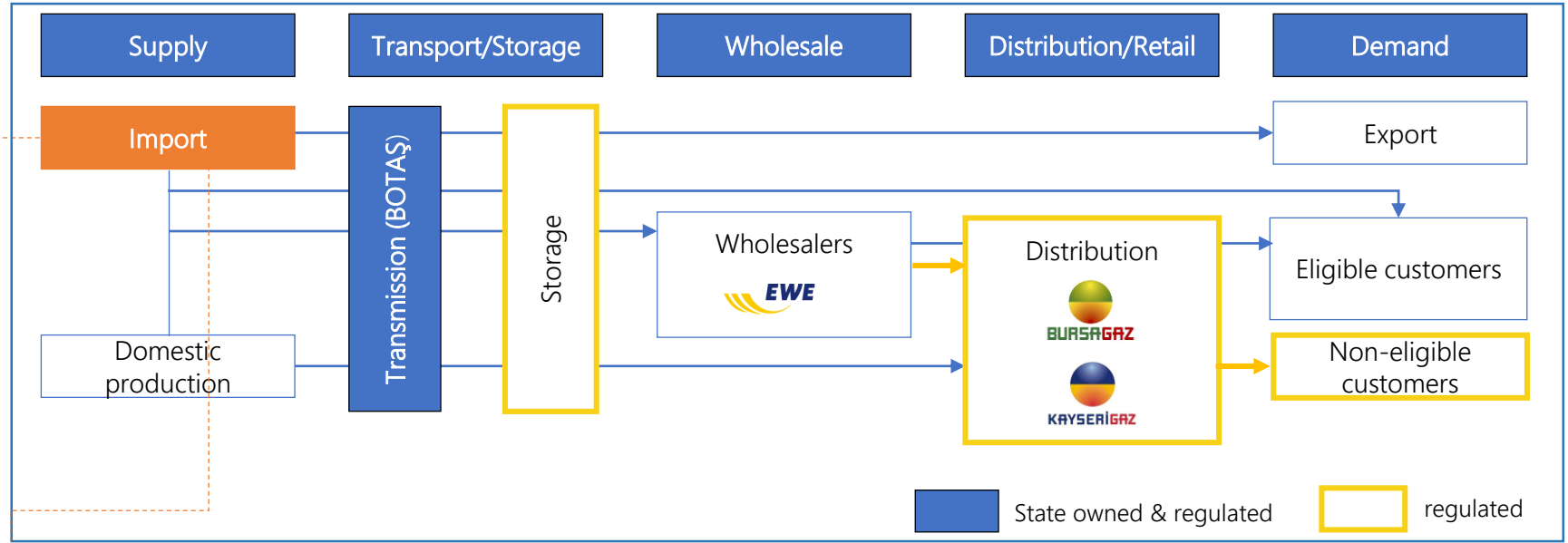
# Despite government's liberalisation targets gas import is still dominated by BOTAŞ as of today



Source: EMRA  
As of Aug 2016



Source: EMRA  
As of Aug 2016



|                         |  |
|-------------------------|--|
| Storage Companies*      | NG: BOTAŞ<br>LNG: BOTAS, EGEGAZ<br>FSRU: KOLIN |
| Wholesale Companies*    | 35 companies                                   |
| Distribution Companies* | 68 companies                                   |
| Import Companies*       | NG: 17 companies<br>Spot LNG: 43 companies     |

Source: EMRA  
As of Aug 2016

- BOTAŞ is the system operator and the dominant supplier in the market
- Gas supply is mainly composed of long term contracts.

