

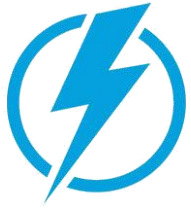


# Turkish Gas Market

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EXIST - CEO

March 10, 2021

# TURKISH ENERGY MARKET



**Electricity Day Ahead and Intraday Market Operations**



**Settlement and Financial Transactions** of Day-Ahead, Intraday, Balancing Power Markets



**Organized Wholesale Natural Gas Spot Market Operations**



**Settlement and Financial Transactions** of Organized Wholesale Natural Gas Spot Market



**RESS Operations**



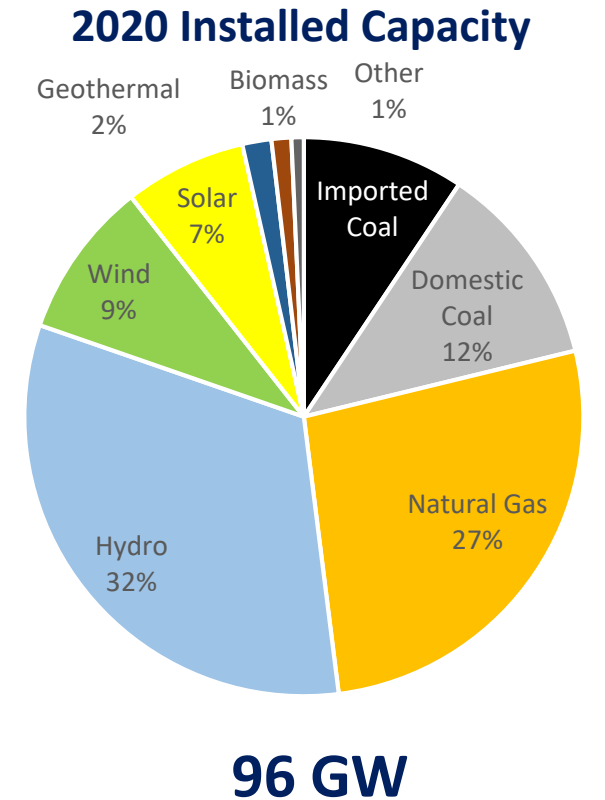
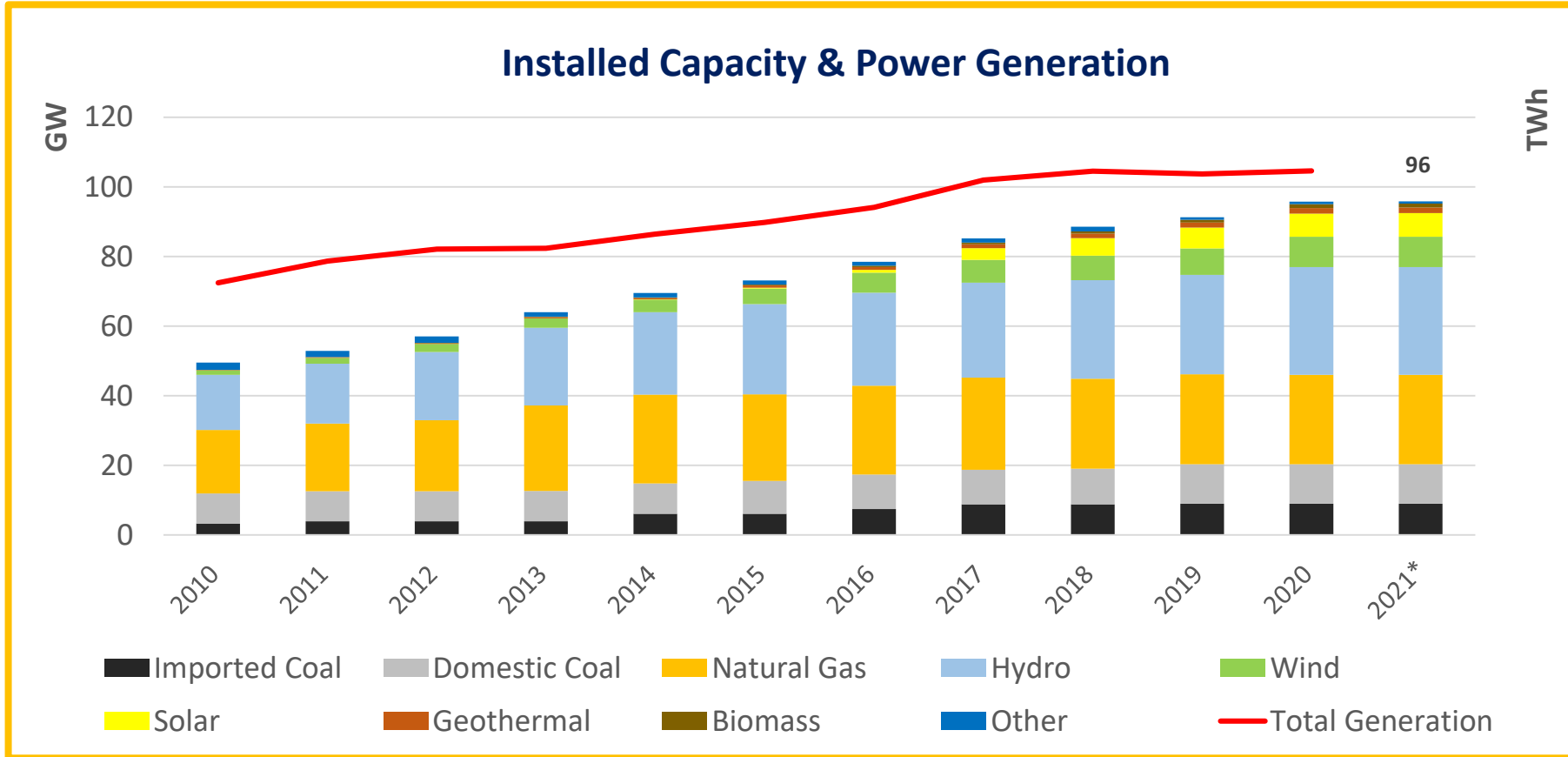
**Settlement** of Ancillary Services Market,



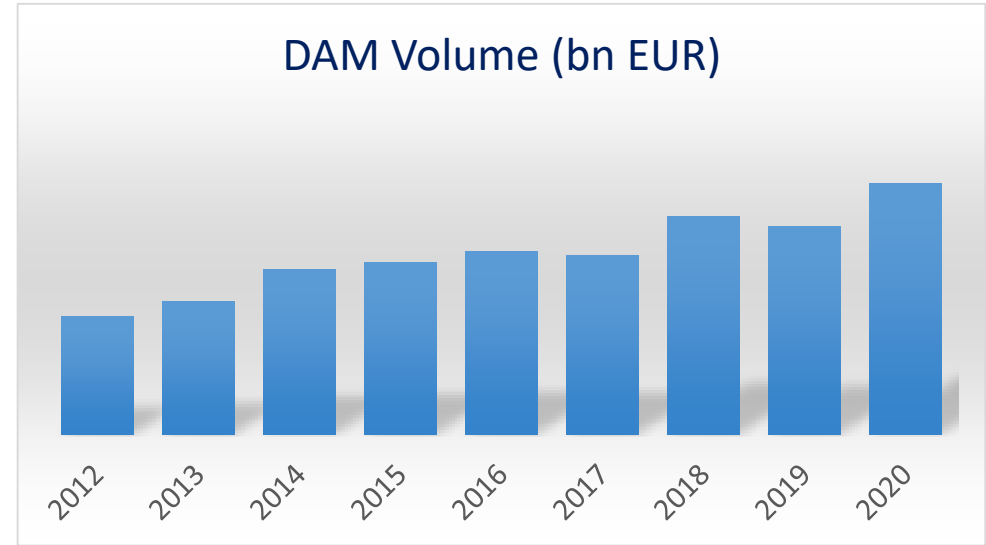
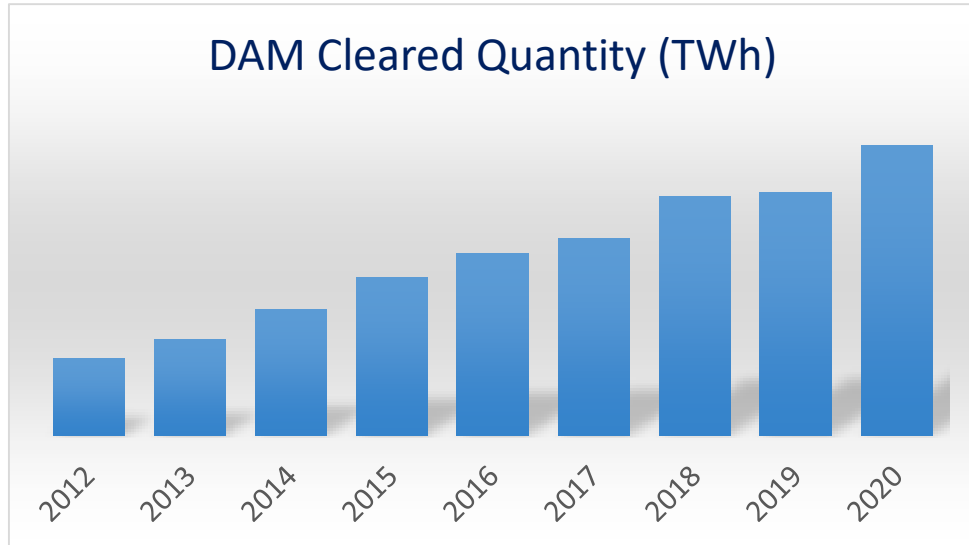
**Billing Transactions**

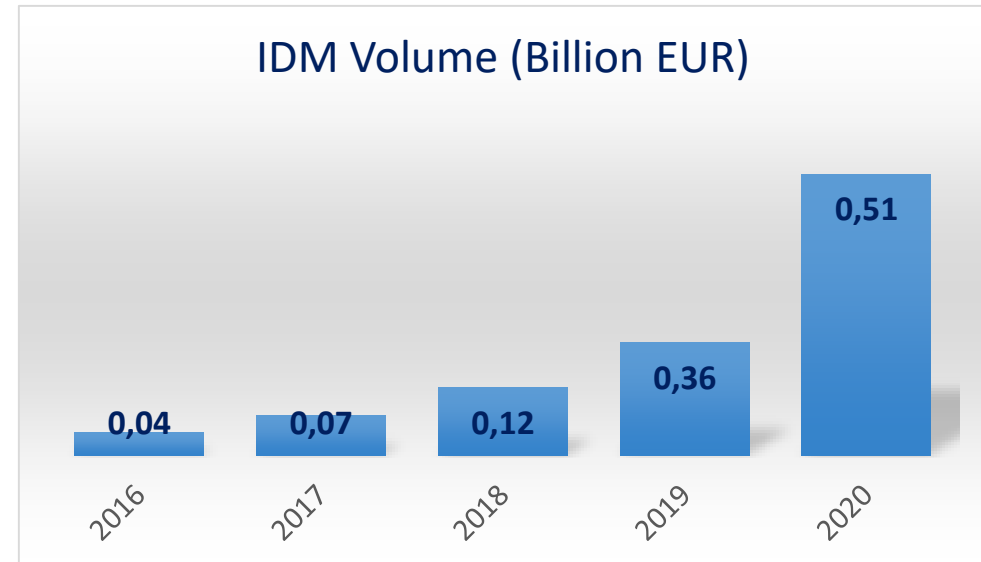
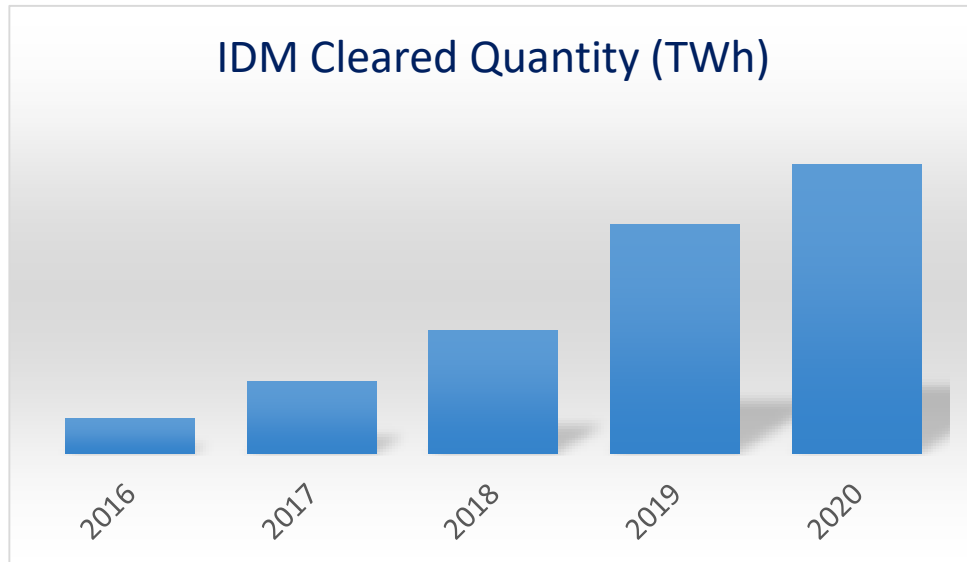


**Eligible Customer Transactions**



# POWER MARKET

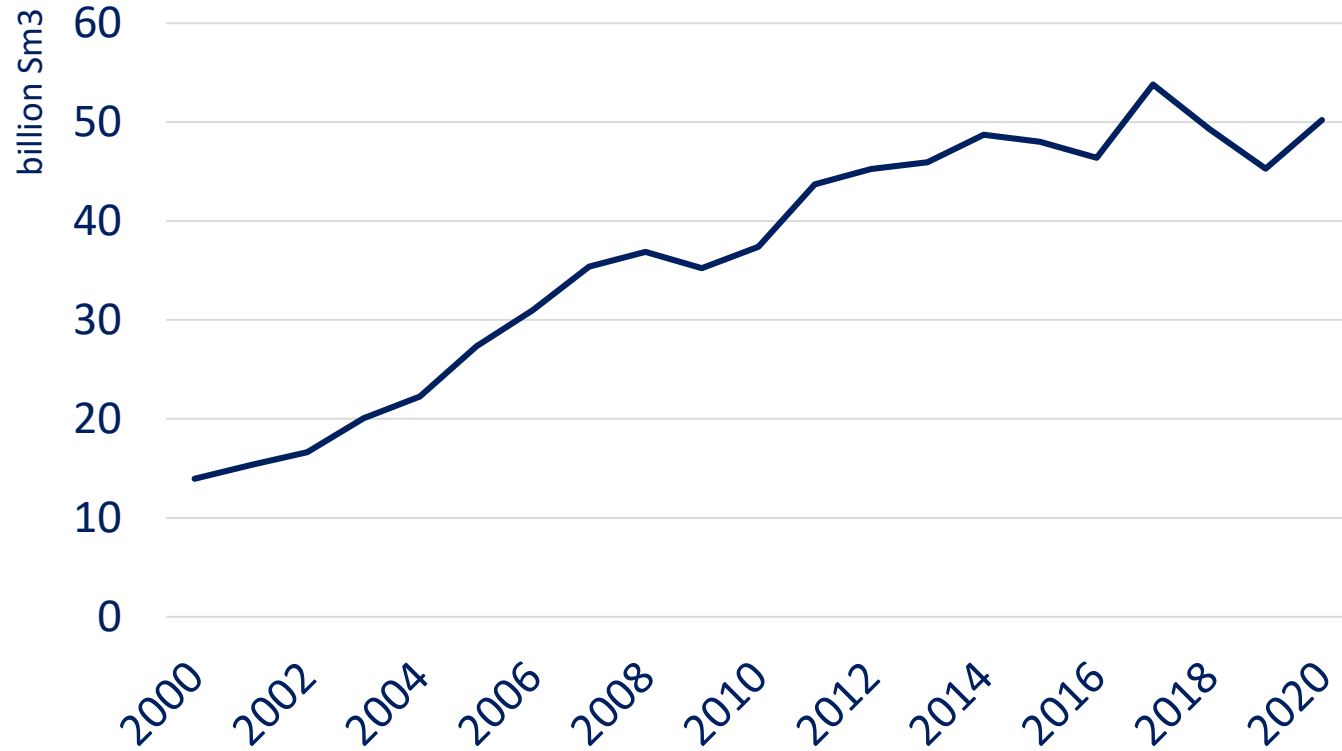




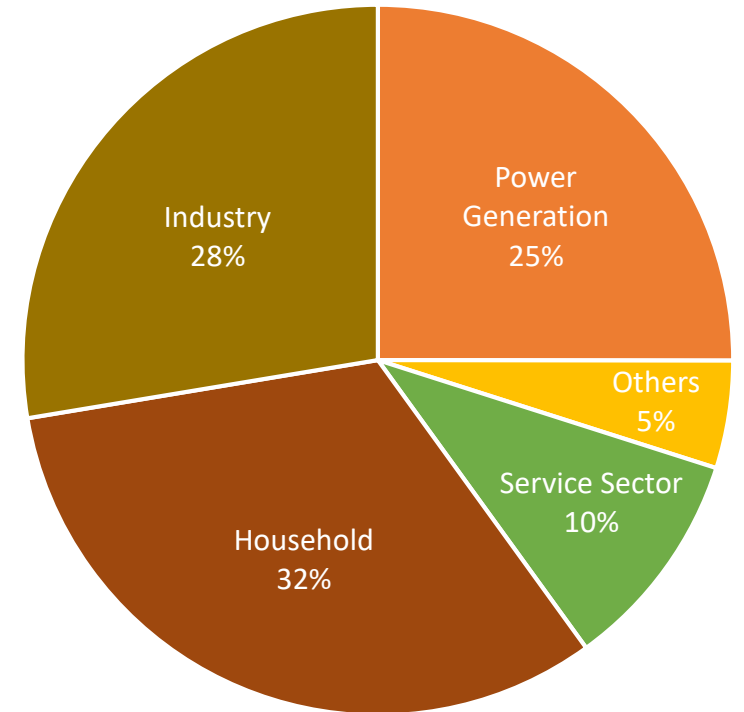
# **GAS MARKET**



### Gas Consumption



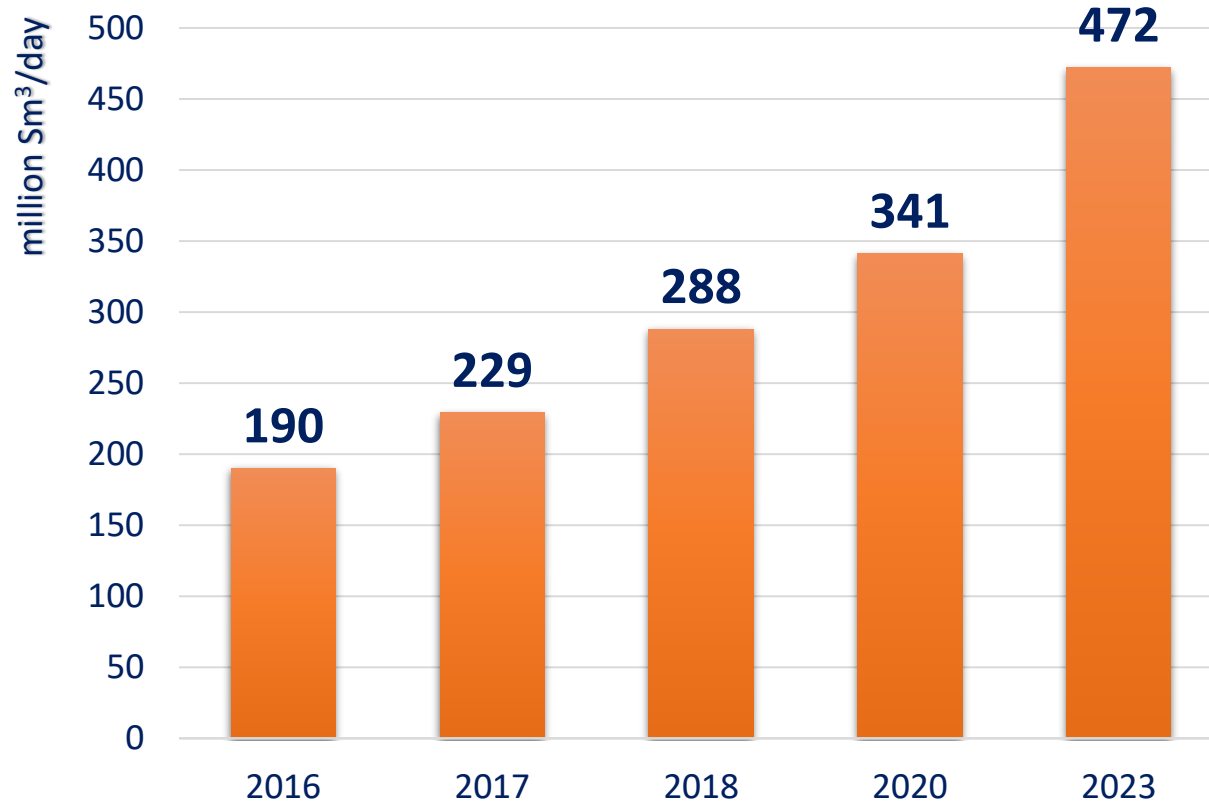
### Consumed Gas by Sector



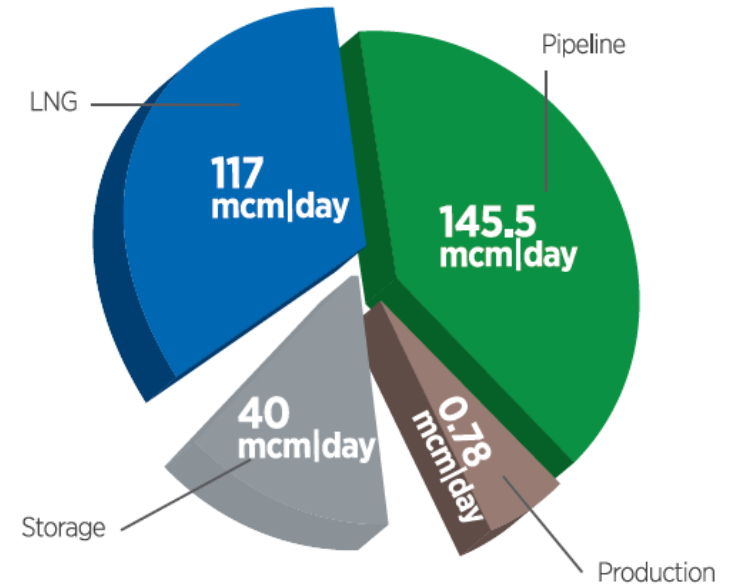
# BOTAŞ Pipeline Grid



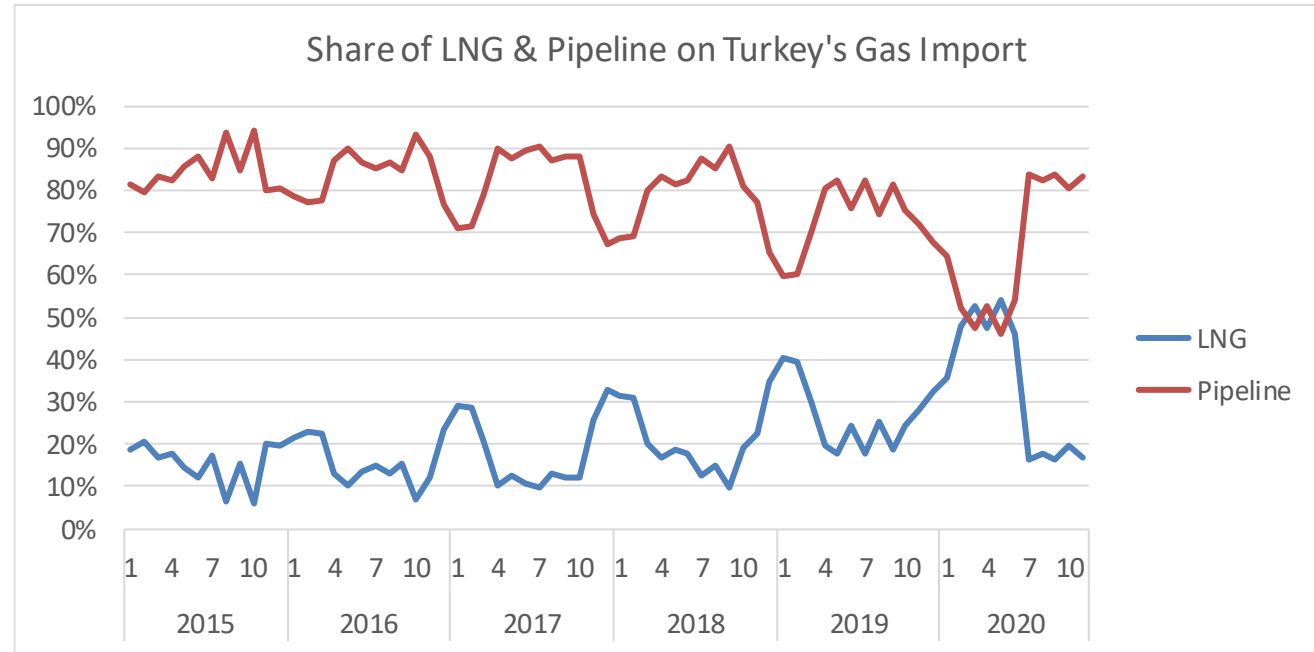
## Total Entry Capacity



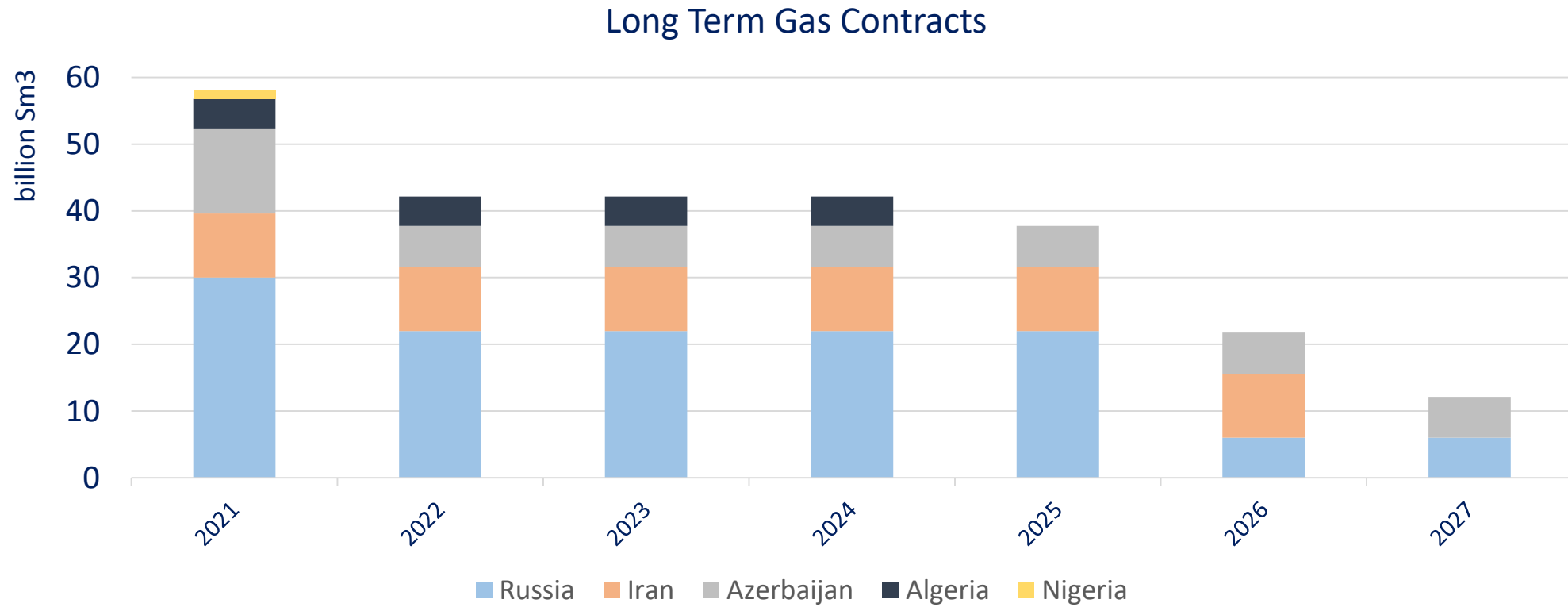
## Breakdown of the Daily Entry Capacity (mcm/day)



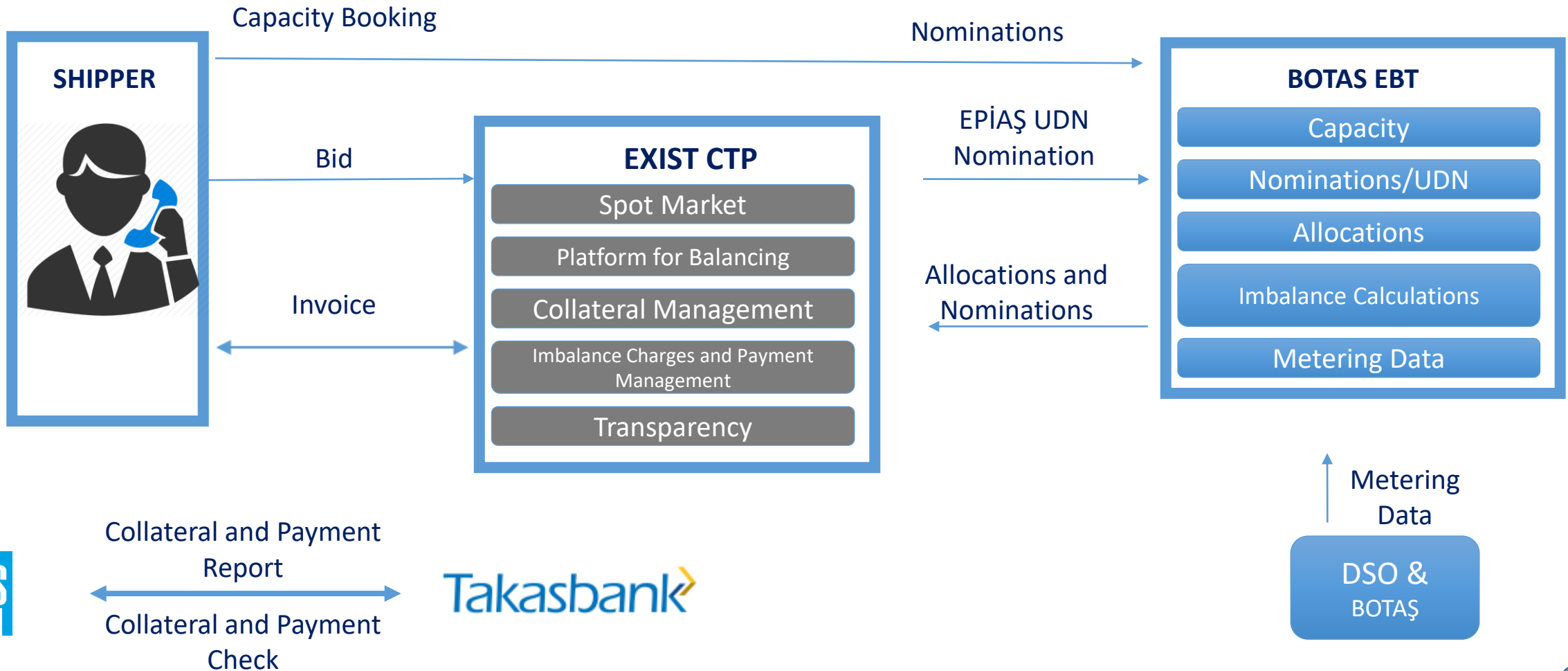
	2015	2016	2017	2018	2019	2020*
Algeria	8%	9%	8%	9%	13%	12%
Azerbaijan	13%	14%	12%	15%	21%	25%
Iran	16%	17%	17%	16%	17%	11%
Nigeria	3%	3%	4%	4%	5%	4%
Other	1%	2%	3%	2%	2%	3%
Qatar	4%	2%	3%	6%	5%	8%
Russia	55%	53%	52%	47%	34%	32%
USA	0%	1%	1%	1%	3%	6%

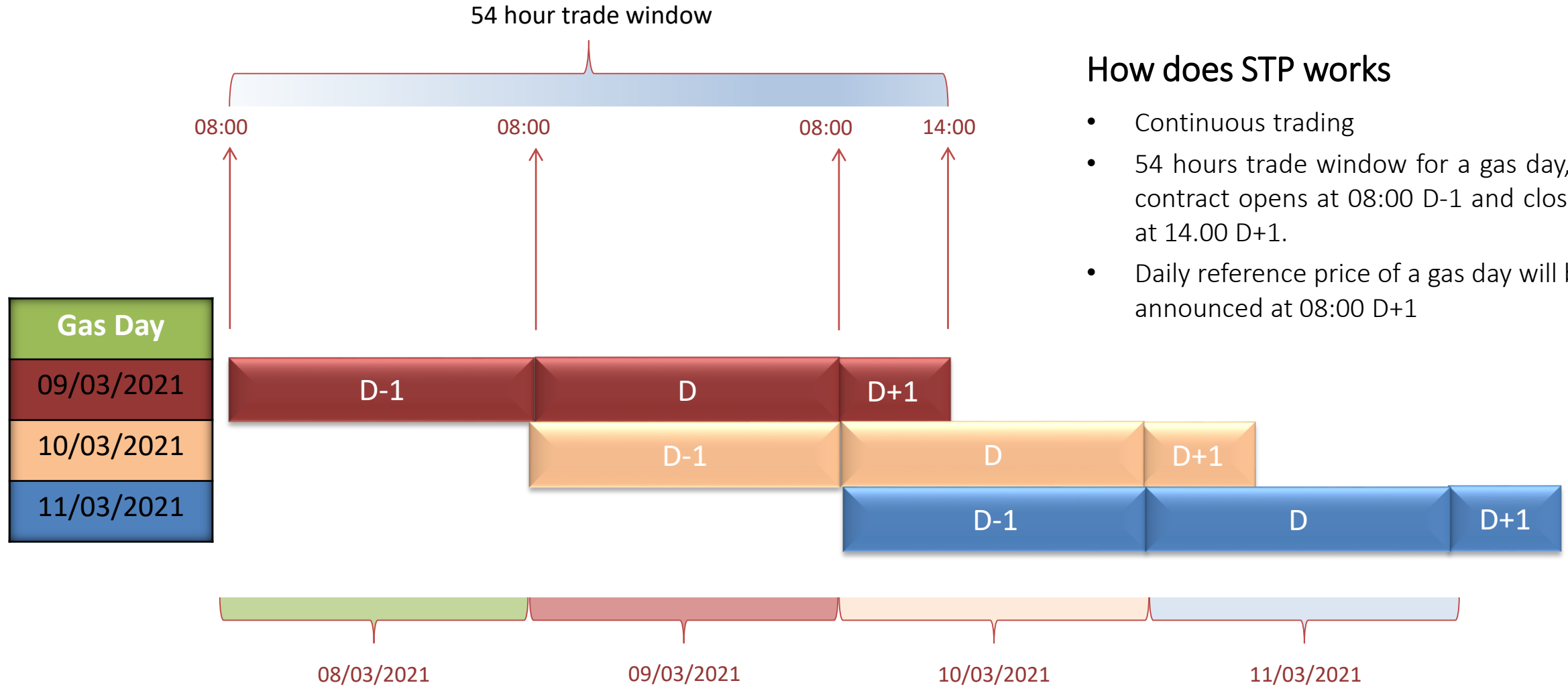


\* 2020 covers 11 months



## In-house software



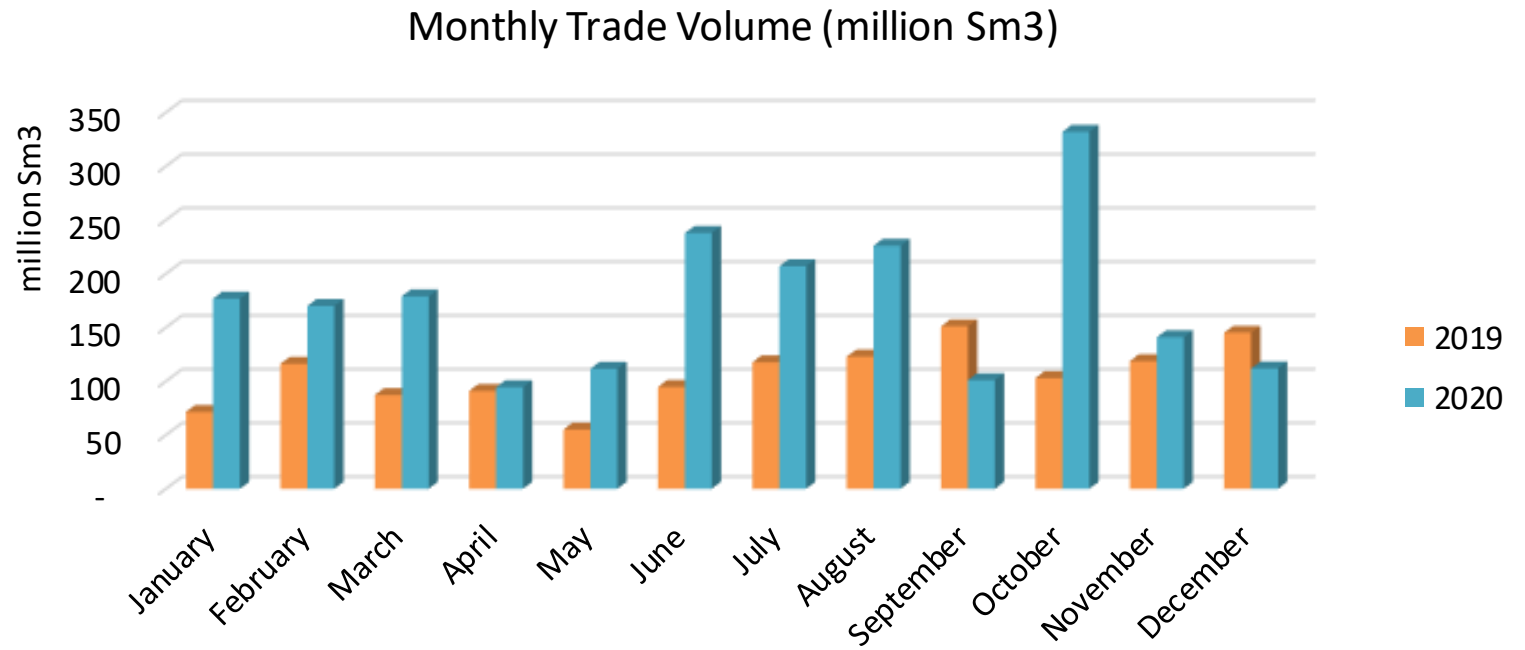
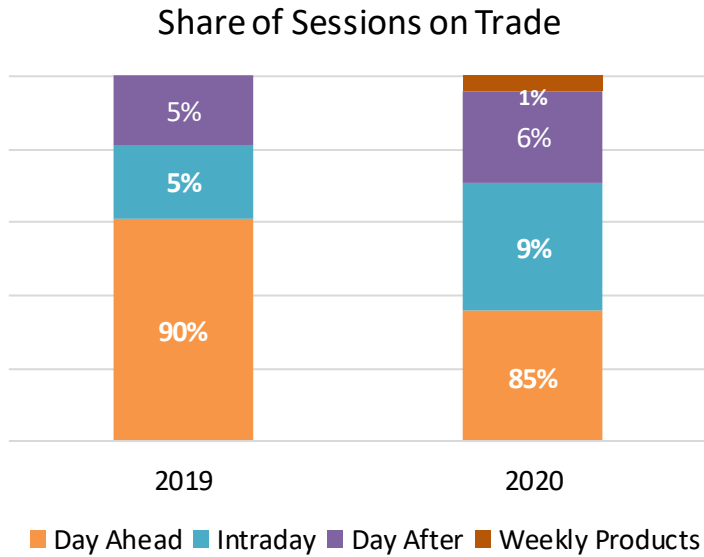


## How does STP works

- Continuous trading
- 54 hours trade window for a gas day, a contract opens at 08:00 D-1 and closes at 14.00 D+1.
- Daily reference price of a gas day will be announced at 08:00 D+1

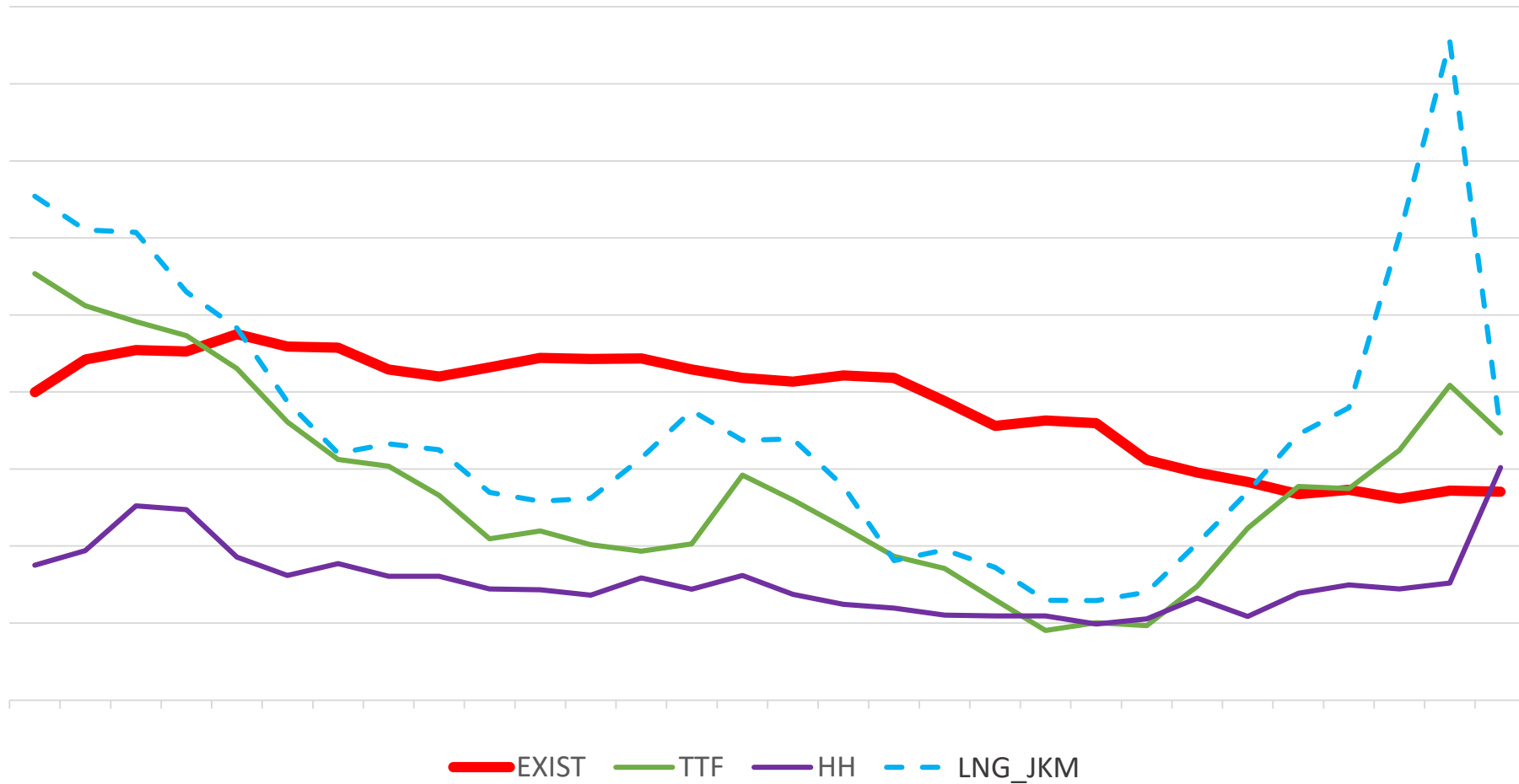
In 2020,

- 64% increase in trade volume
- 2.089 million Sm<sup>3</sup>=22 Twh





## Monthly Average Spot Prices (EUR/MWh)





***Physically Settled Future Power Market (VEP)***



***Renewable Energy Guarantees of Origin  
(YEK-G System)***



***Physically Settled Future Gas Market (VGP)***



**THANKS FOR LISTENING**