

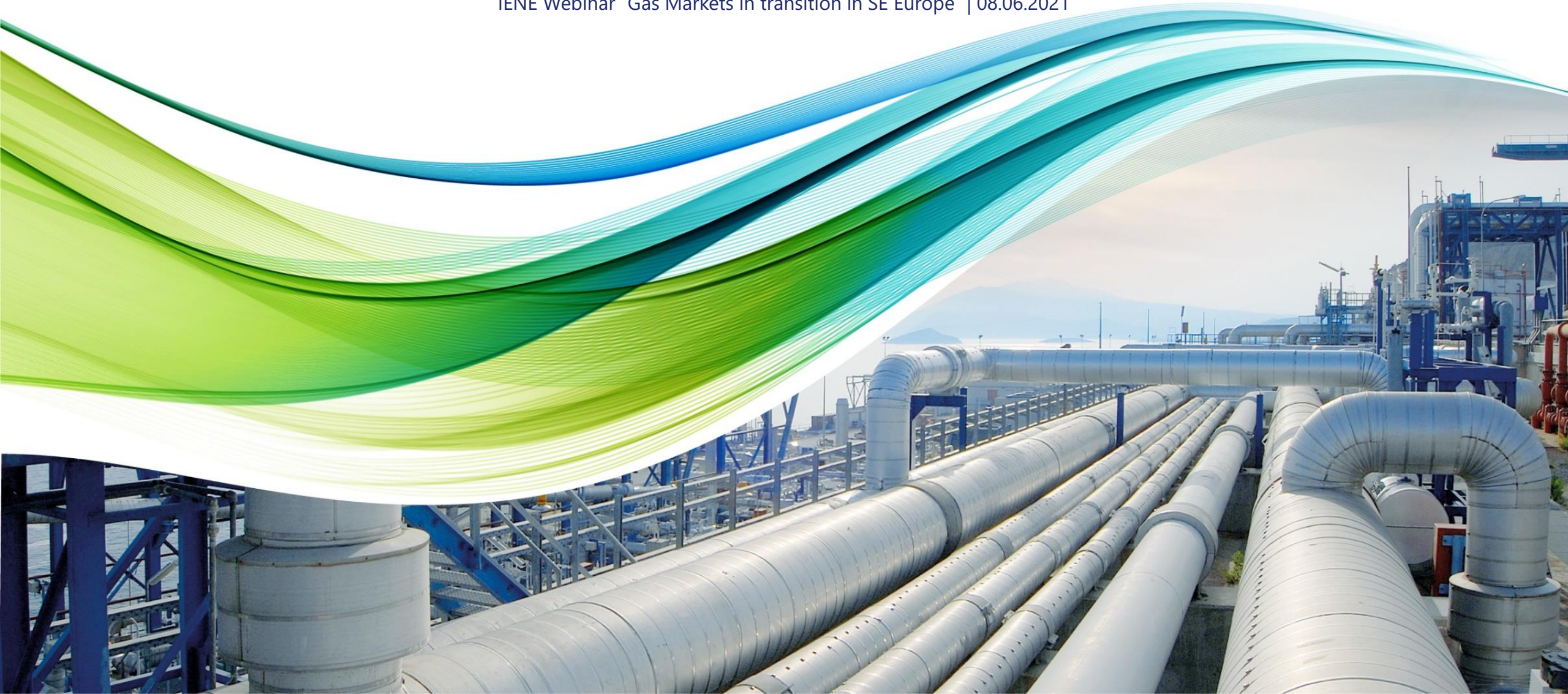
Developing a wholesale market in Greece



Gerasimos Avlonitis

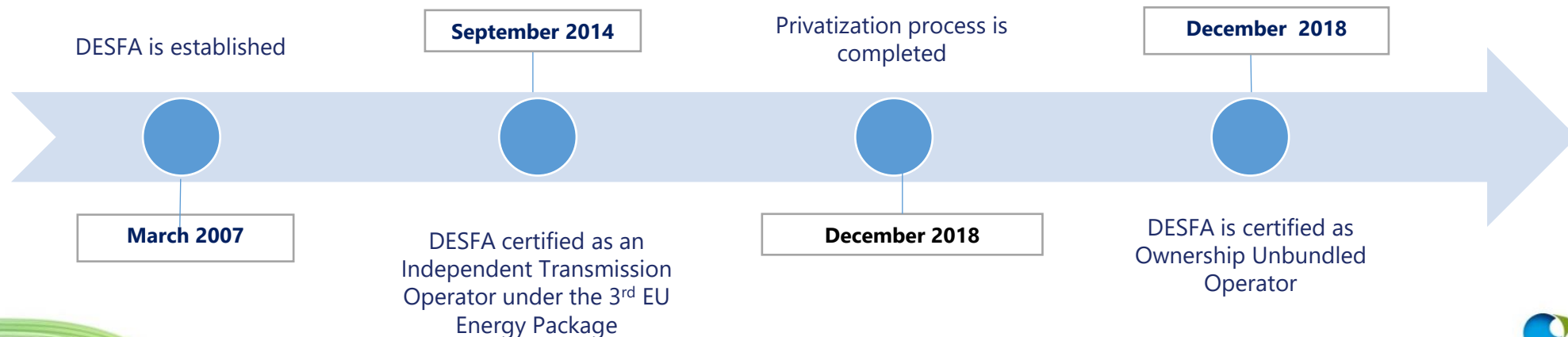
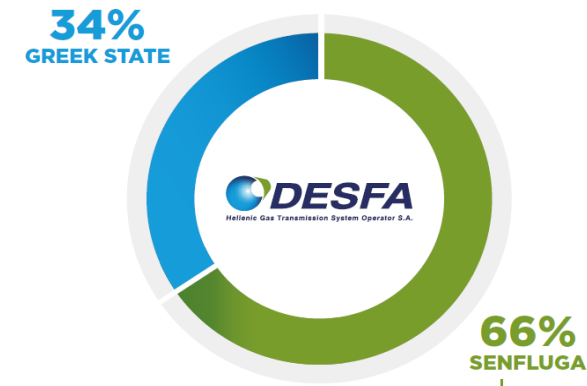
Market Development Manager, Member of the BoD of the Hellenic Energy Exchange

IENE Webinar "Gas Markets in transition in SE Europe" | 08.06.2021



The Hellenic Gas Transmission System Operator (DESFA)

- Established in March 2007, DESFA owns and operates the Greek **National Natural Gas System (NNGS)**, which consists of the **National Natural Gas Transmission System** & the **LNG Terminal** in the islet of Revithoussa.
- After the completion of a privatization process in the 20th of December 2018, DESFA was certified as an **Ownership Unbundled Operator** under the 3rd EU Energy Package
- DESFA operates, maintains and develops the National Natural Gas System in a safe, reliable and economically efficient way and offers **(a) regulated Third Party Access services** in a transparent and non-discriminatory way and **(b) a range of non-regulated services** to a number of national and international clients



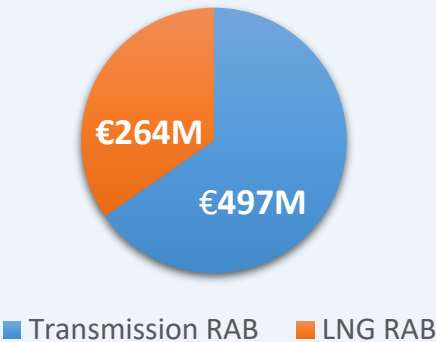
DESFA at a glance

470 people

Personnel

€761M

Regulated Asset Base



€217M

2019 Regulated Revenues

IP KULATA (BG)/SIDIROKASTRO (GR)



1.466 km

High-pressure pipelines

1

LNG storage and regasification terminal

3

Interconnections

53

Metering & Regulation Stations

2

Dispatch Centres

6

Operation & Maintenance Centres

1

Compressor station

22

Exit points connected to distr. systems

Towards a physical and commercial hub

DESFA action points:

1. Increase interconnection capacity
2. Increase interoperability
3. Increase system capacity and flexibility
4. Develop trading infrastructure/gas exchange
5. Allow for new gas uses (Small Scale LNG, off-grid solutions)



Establishing a transparent marketplace / reliable price signals

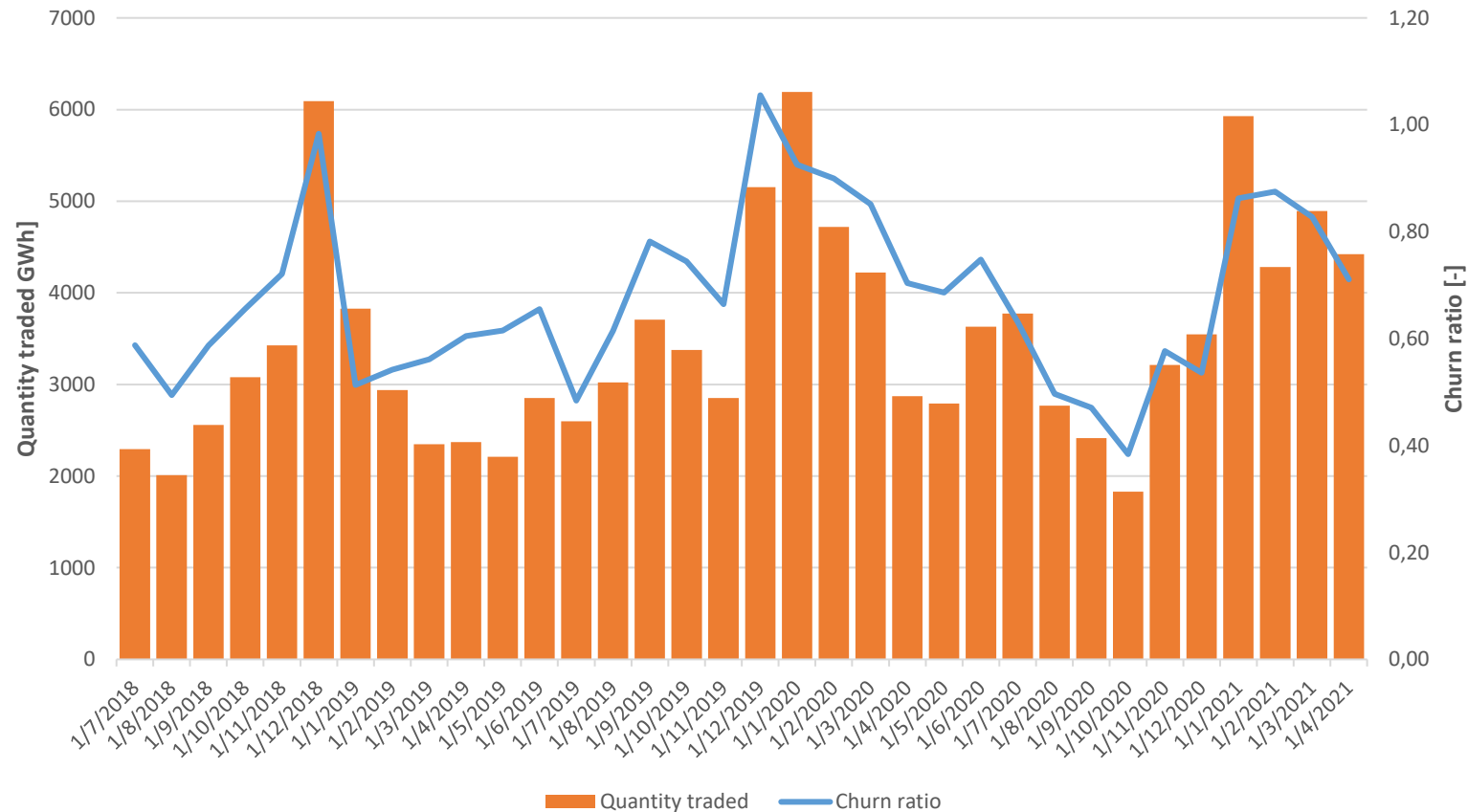
Virtual Trading Point, Balancing Platform, short-term price development



Since July 1st, 2018:

- Virtual Trading Point, where commercial transactions can be registered
- Market-based Balancing Platform, where DESFA trades the gas required for balancing the system
- Establishment and publication of reference daily prices

Monthly quantity traded and churn ratio of OTC market



Next step: A spot gas market by DESFA and HEnEx

Target date: mid-Oct 2021

- **Products:**
 - Within-day (D) and day-ahead (D+1, D+2, D+3)
- **Trading mechanisms:**
 - Auctions, continuous trading + pre-registered OTC trades
- **Clearing mechanism:**
 - Central Counter Party (CCP) through EnExClear
- **Entities allowed:**
 - Physical and paper traders (having a contract with DESFA - Users of the NNGTS)
- **Prices:**
 - Within-day spot index
 - Day-ahead spot index
 - Balancing gas marginal prices



Thank you for your attention!



www.desfa.gr