

REPowerEU the grid: distributing renewable energy across the EU

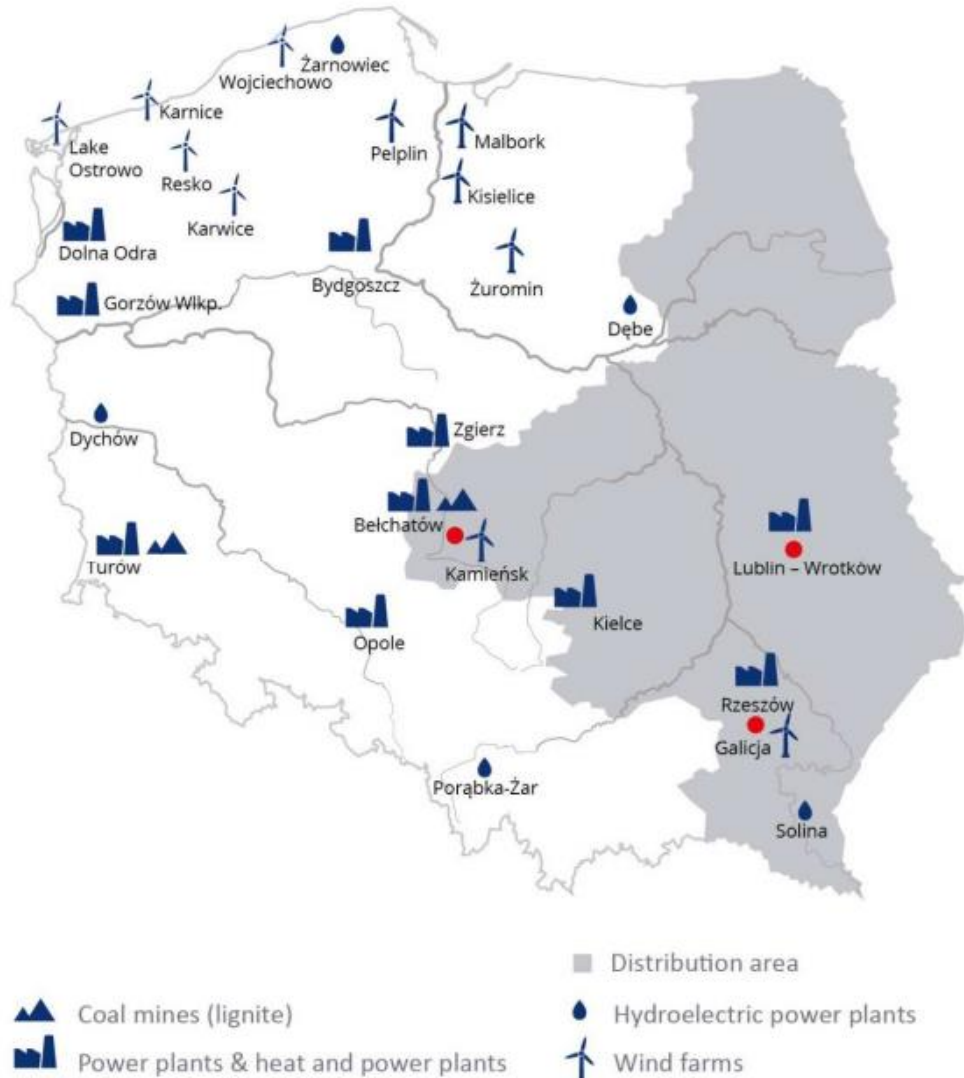
Grzegorz Dolecki

Vice President of the Management Board

PGE Dystrybucja S.A.

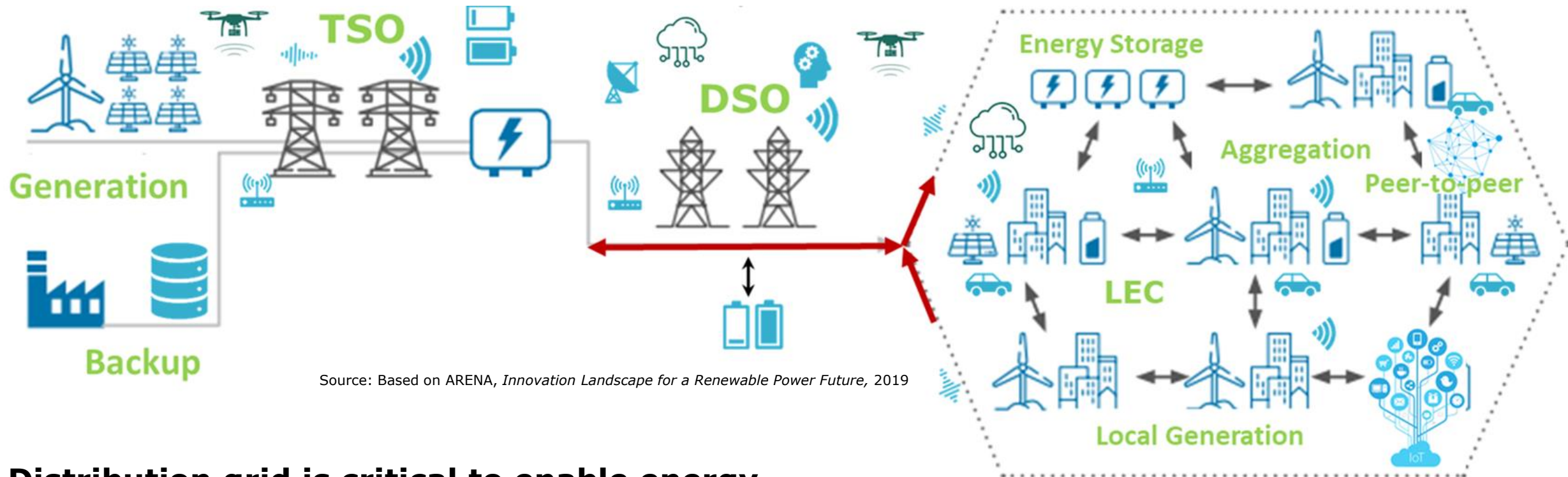


PGE Dystrybucja as the part of the PGE Capital Group



- **The largest DSO in Poland**
- **Over 5.5 million customers connected**
- **About 38 TWh of energy distributed annually**

Power sector transition from the DSOs' perspective



Distribution grid is critical to enable energy transition and key for smooth RES integration with many new roles of market players.

Poland's rooftop solar success story possible due to the DSOs role

More than **1 million** micro-installations connected to the distribution grid by July 2022
with total capacity of **10.6 GW**

87% more total capacity than in July 2021

but also

local grid constraints,

grid as a virtual storage,

need for flexibility services' development.



Demand Side Flexibility - future task or today's need?

Demand Side Flexibility - refers to the portion of demand in the system that can be reduced, increased or shifted within a specific timeframe

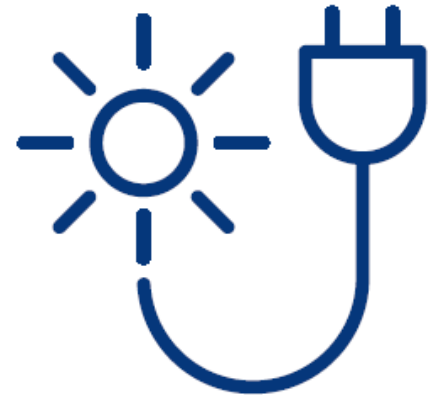
Tasks:

- Implement the network code on DSF
- Develop DSF market on the local level
- Invest in cost-efficient digitalisation
- Secure benefits for all players



Challenges and actions - summary

- DSOs - an **enabler** of transition, not a bottleneck
- Higher RES targets need to be followed by **investments in grid** (including from REPowerEU)
- Grid infrastructure to be considered as **overriding public interest**
- Benefits for **all market players** in the flexibility market development



Thank you!

