

# TAURON GROUP'S STRATEGY FOR 2016-2025

UPDATE OF STRATEGIC DIRECTIONS



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# Strategic directions take into account changes to the environment





Deepening decarbonization and tightening EU's energy and climate policy; rising CO2 emission allowances prices

Г Ш Fast progressing process of reducing the financing of coal investment projects, as well as the capital groups holding coal assets

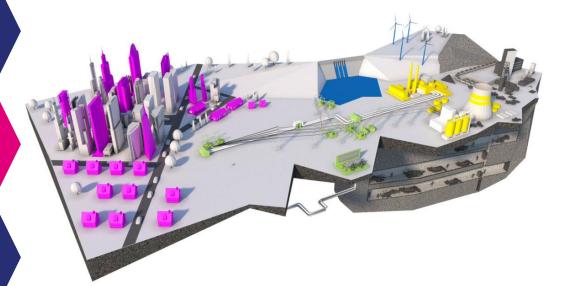
Reduction of the support for conventional power generation after 2025



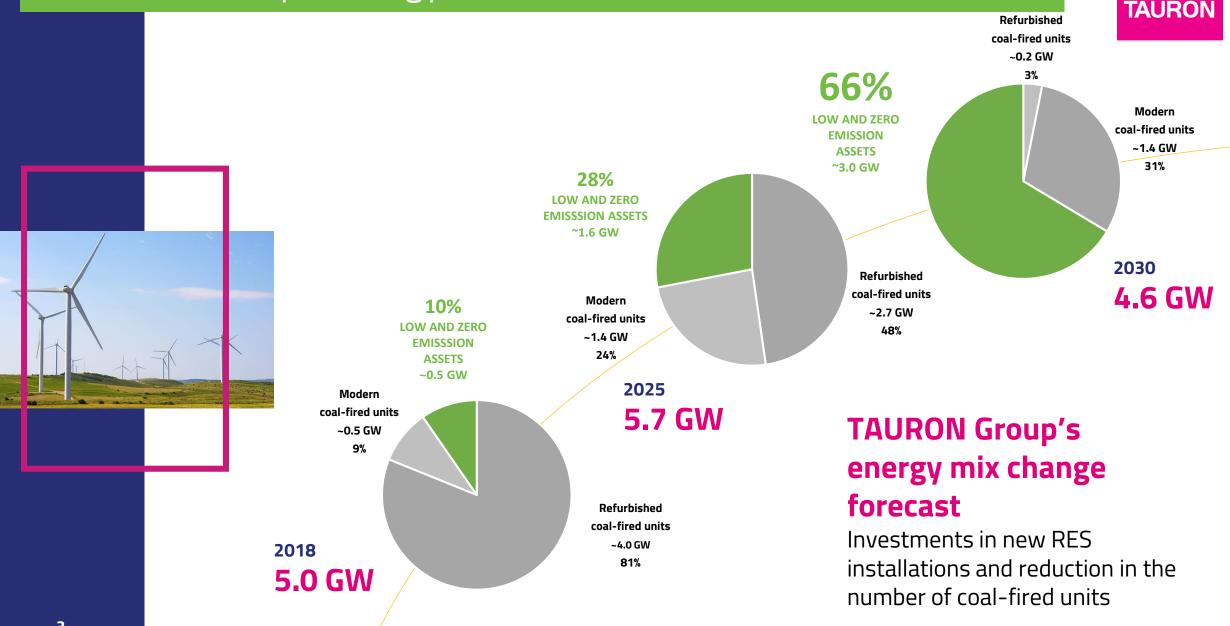
Further tightening of the environmental standards – BAT conclusions



Change in the behavior of individual and business customers



### TAURON Group's energy transition



# Foundations of TAURON Group's value growth



In accordance with the Strategy in force and the adopted update of the strategic directions the Group's value growth will primarily be based on ...



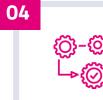
### stable Distribution segment



developing low and zero emission sources



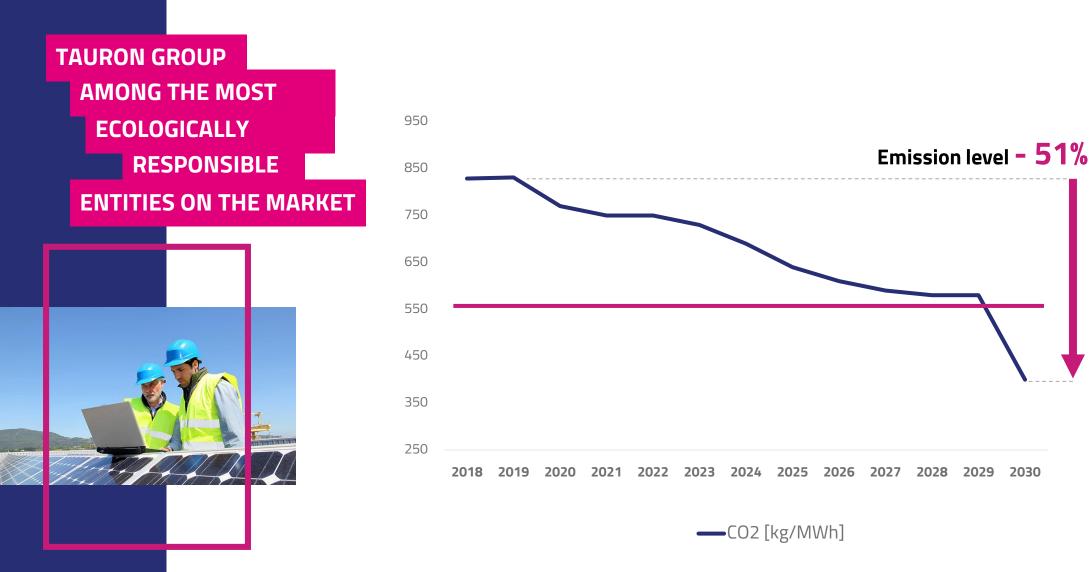
conventional generation assets receiving support



sales of energy and energy related products and services tailored to customer needs

## Material reduction of CO2 emissions due to asset transition

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## Priorities of the TAURON Group





### Energy mix transition, including growth of low and zero emission sources



### Maintaining financial stability



### Optimization of equity investment portfolio





# TAURON Group's strategic options



# Decommissioning of 120 and 200 MW units



01

Expansion of wind farms (onshore)



Expansion of photovoltaic farms



Readiness to take part in off-shore wind farm development projects (offshore)

# Engagement in low and zero emission power generation





#### **ON-SHORE WIND**

#### FARMS

- Additional 900 MW by 2025
- Increasing wind's share in the mix of total installed capacity up to 20 percent in 2025

#### OFF-SHORE WIND FARMS

- Capital expenditures by 2025
- Engagement dependent on public support for this type of projects and the Group's financial capabilities

#### PHOTOVOLTAICS

- Additional 300 MW by 2025
- Increasing the share of solar power generation in the mix of total installed capacity up to 5 percent in w 2025

Expansion of renewable energy sources under various **business models**, including by establishing an infrastructure fund that, by obtaining financial partners, may enable implementing investment projects with **TAURON's equity share in the region of approx. 20 percent** 

### New era of conventional generation – 910 MW unit in Jaworzno





Unit operating at the highest efficiency rate in its class in Europe

Reduction of CO2 emission by 2 million tons per annum versus the current units



CO2

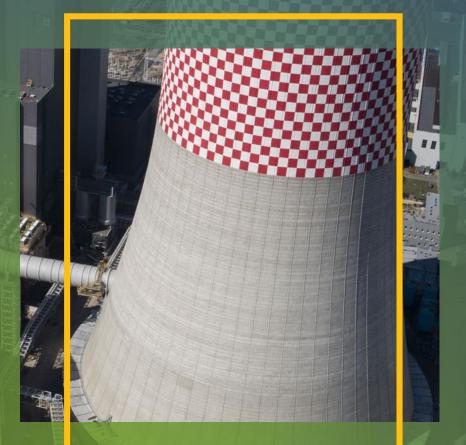
Reduction of dust emissions by 91%, nitrogen oxides by 82%, sulfur by 95%



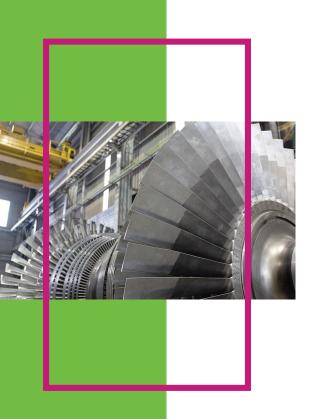
Unit adapted to the mounting of installations capturing CO2 from flue gases (CCS ready)



Utilization of waste (ashes, gypsum, slag) in the cement and construction industries



## TAURON Group's strategic options



Market verification of potential Janina Coal Mine sale

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Market verification of potential heat operations sale

Sale of the stake in ECSW

05

06

07

80

Sale of the stake in PGE EJ1

## Development of products and services



#### DISTRIBUTION

Development of products and services based primarily on a large customer base and distribution assets



#### SERVICES

Development of services for business customers with respect to advisory (consulting) and management services (power assets and infrastructure management, energy audit and energy efficiency improvement services)

#### **SMART CITY**

Development of services and products for institutional customers, including local government units, by implementing smart city solutions, developing electromobility, eliminating low emission sources, multiutility services

## Summary



"j% \/ Optimization of TAURON Group's assets – potential enhanced flexibility of mining and heat assets portfolios



Decommissioning of old coal-fired units. Retaining only modern conventional generating units: Łagisza 460 MW and Jaworzno 910 MW



Focusing on generation from RES. 2/3 of assets, i.e. 3 GW, will be low and zero emission sources in 2030



Developing new businesses based on the Distribution segment

In 2030 66% OF LOW AND ZERO EMISSION ASSETS



Data presented in this material includes estimates.

Calculations are based on the best knowledge, the utmost diligence, macroeconomic, sector related, regulatory and business assumptions up to date as of the moment of preparing the material, taking into account the estimated risks.

The individual strategic options will be implemented in case their profitability and TAURON Capital Group's financial capabilities are confirmed.

The final results of the analyses may differ from the figures presented.

### THANK YOU FOR YOUR ATTENTION

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