







# Current situation and prospects for next decade

- Crude oil is still the most important feedstock for the production of fuels and petrochemical products
- By the year 2030, estimated growth in demand for oil products in Central and Eastern Europe transport fuels and petrochemical products, including LPG
- Increasing efficiency of crude oil extraction in the USA and increase of supply on the European market
- Growing demand for propane and butane from the European petrochemical market
- Increasing LPG supply and kerosene import supplies to the European market and refinery production in Europe
- Regulatory pressure associated with the limiting climate change pro-climate policy aimed to promote low-carbon energy
- The increasing role of low-emission fuels LPG, CNG, LNG on the fuel market
- The trend in increasing consumer consciousness and pressure in terms of BIO in refinery and petrochemical products



# Development of the Polish Energy market by increasing the supply stream

### Modernization of the LNG sea terminal in Świnoujście - Northern Gate.

The investment allows
Poland to build full
independence in the field of
gas supply, integrate the
European gas transmission
system and, as a result,
strengthen our country's
position on the gas map of
Europe.

## The extension of storage capacity at the PKN ORLEN fuel terminal in Szczecin

Investment in connection with the dynamically changing on the fuel market allows enables more storage space of fuels in Szczecin.

#### The extension of ORLEN Paliwa LPG sea terminal in Szczecin

Including modernization of the wharf and deepening of the bottom for servicing the LPG ships with capacity of 10 thousand DWT. The scope of the extension of Szczecin LPG sea terminal will allow to expand the storage capacity from 250,000 tons to 450,000 tons annually.

#### **EFRA Project**

Effective refinery increasing the efficiency of crude oil processing of LOTOS Group and a construction of Hydrogen Production Installation (HGU – Hydrogen Generation Unit).

## The increase of the transshipment capacity of crude oil and petroleum products

The investment in Naftport at the Northern Port in Gdańsk.

#### Implementation of Polimery Police Project

New petrochemical complex in Police (production **437,000** tons of with a maritime transhipment and storage terminal (propane and ethylene).



# Expectations for the energy market and development prospects

- The development of low-carbon energy
- The diversification of the oil, gas and fuel products directions allowing feedstock security and intensification of refinery and petrochemical production as well as providing facilities for the development of low-emission energy
- Making the market immune from political, military and terrorist threats
- The need to improve the storage capacity
- Flexible response to changes and challenges posed by the crude oil and gas market
- The creation of a well-functioning and integrated energy market
- The increase of the production level on the European market
- The development of modern, low-carbon and economical energy technologies
- Moderating the energy demand
- Real support for energy policy coordination within international organizations