

## DANISH DISTRICT HEATING ROAD SHOW

NORTHERN PART OF POLAND, 19 TO 21 OCTOBER 2020



Royal Danish Embassy in Warsaw and DBDH takes pleasure in inviting you to join a District Heating Road Show in Poland, which will take place from 19 to 21 October 2020 in the Northern part of Poland, focusing on the cities Gdansk & Bydgoszcz and Olsztyn.

The road show will be planned in cooperation with the Polish District Heating Chamber, IGCP, and the theme of the tours is: "Looking to Danish know-how and technologies for outphasing fossil fuels in the Polish district heating sector and for improving air quality". The Polish district heating sector is a tool in the process for fighting the air pollution. Polish government is in the preparation phase of setting the modernisation goals to be conducted by 2030 and financial mechanisms that can support this transformation.

### THE MARKET

Poland is one of the EU leaders in terms of district heating market development. 50% of the population are supplied by the district heating network. Recent developments of growing prices of CO<sub>2</sub> emissions and coal result in price increase of electric and heat energy in Poland, as 76% of heat in Poland today is generated from coal. The Polish district heating sector needs investments in order to modernize the existing installations and change to greener fuels.

The National Fund for Environmental Protection released the program "Effective heating and cooling systems" with the budget of PLN 500 mln (EUR 125 mln). They are directed in particular to the sector of local heating companies.

The EU requirements are the main driver for Polish district heating to conduct modernizations. Not fulfilling the requirements will impose penalties.

The major expected outcome of the Road Show will be the heating/cooling knowledge and technology transfer from Denmark to Poland, contributing to the Danish export increase in the district heating market.

Key bullet points for the investments in Poland in the District Heating sector are low emission economy in line with climate priorities of EU and Polish energy policy

- More CHP fueled by gas, solar, waste and biomass
- More efficient heat production
- Modernization of district heating network
- Surplus of heat
- IT energy management systems

## THE ROAD SHOW

The road show will focus on three main cities in Northern Poland: Gdansk, Bydgoszcz and Olsztyn.

We will arrange round table meetings with the local municipalities and District Heating companies in the three main district heating operators in the cities as the hosts and surrounding small/medium utilities from the area of the cities.

Visiting the three cities which will give you the full insight into the development plans and projects in the district heating sectors. The Danish case and success story of district heating will be presented by a representative from the Danish Utility side, and long term experienced with challenges in the Polish district heating sector.

You will be able to present your solutions and technologies during the round table meetings, and get into dialogue with the stakeholders in the sector. This comprises both management and technical level of numerous district heating companies in the Northern Part of Poland enabling direct contact with your potential customers in the Polish DH sector.

District heating companies included in the study trip:

### Gdansk

**PGE Energia Wybrzeże** - The combined heat and power plants in Gdańsk and Gdynia (PGE Energia Ciepła Oddział Wybrzeże in Gdańsk) are the largest producers of heat and electricity in Pomerania, covering over half of the heating needs in Gdańsk, Gdynia, Sopot and Rumia.

**GPEC Group** - a capital group based in Gdańsk, whose main activity is generation and distribution of heat. The company is the leader in the heating industry in Pomerania. It operates in five cities: Gdańsk, Sopot, Tczew, Starogard Gdański and Pelplin. It owns and manages over 750 km of district heating networks (as of 2017) and supplies heat to over 400 thousand customers.

### Bydgoszcz

**KPEC Bydgoszcz** - is a heat supplier in Bydgoszcz, Solec Kujawski, Szubin, Nakło nad Notecią and Koronowo. The company owns six heat plants (Białe Błota, Osowa Góra, Solec Kujawski, Szubin, Nakło nad Notecią, Koronowo), which produce heat supplied to the customers, and in Bydgoszcz support the heating system and heating networks with a total length of 446.1 km.

In January 2020 KPEC Bydgoszcz was granted the loan of the value of EUR 23,2 mln from the European Investment Bank for modernisation of the city district heating network and part of heat production system. The operation is part of special credit programme for district heating sector in Poland.

## Olsztyn

**MPEC Olsztyn** - Miejskie Przedsiębiorstwo Energetyki Ciepłej supplies over 60% of Olsztyn's buildings and individual households. The heat is supplied to 1010 recipients through 1515 heat distribution centres. The company's heating installation include two co-fired biomass boilers. MPEC Olsztyn in November 2019, signed the agreement for building and operation of new installation - incineration plant which will cover the heat demand of 30% of inhabitants of Olsztyn. The project is going to be co-financed by National Fund of Environmental Protection (est value of cofinancing 172 mln PLN).

## PROGRAM (IN BRIEF)

Monday, 19 October – Gdansk, GPEC

- Round table meeting with focus on challenges and solutions for outphasing fossil fuels in the Polish DH sector
- Presentation of plans for development and DH projects by participating Polish DH companies
- Presentation of DH in Denmark, the green transition by Mr. Lars Gullev, CEO, VEKS
- Presentation of Danish know-how and new technologies
- Site visit arranged by GPEC
- Lunch with GPEC representatives and guests from other DH companies in the region
- Transfer to Bydgoszcz

Tuesday, 20 October, Bydgoszcz. KPEC

- Round table meeting with focus on challenges and solutions for outphasing fossil fuels in the Polish DH sector
- Presentation of plans for development and DH projects by participating Polish DH companies
- Presentation of DH in Denmark, the green transition by Mr. Lars Gullev, CEO, VEKS
- Presentation of Danish know-how and new technologies
- Site visit arranged by KPEC
- Lunch with KPEC representatives and guests from guests from other DH companies in the region
- Transfer to Olsztyn

Wednesday, 21 October, Olsztyn, MPEC

- Round table meeting with focus on challenges and solutions for outphasing fossil fuels in the Polish DH sector
- Presentation of plans for development and DH projects by participating Polish DH companies
- Presentation of DH in Denmark, the green transition by Mr. Lars Gullev, CEO, VEKS
- Presentation of Danish know-how and new technologies

- Site visit arranged by MPEC
- Lunch with MPEC representatives and guests from other DH companies in the region
- Transfer to Warszawa

## CONTACTS

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## TRAVEL INFORMATION

Hotels will be booked by Danish Embassy in Gdansk, Bydgoszcz, Olsztyn on request to [izajak@um.dk](mailto:izajak@um.dk)

Flights suggestions (own booking):

Copenhagen-Gdansk, 19 October, SAS, 08.05-09.05 tbc

Warszawa-Copenhagen, 21 October, SAS, 16.50-18.10 tbc

## PRICES

DKK 5,800 ex. VAT per company

the price is based on co-financing by the Danish Export Trade Council and 8 participating companies.

## DEADLINE

Please sign up by email to [pz@dbdh.dk](mailto:pz@dbdh.dk) latest 5 September, 2020