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**MINISTRY OF
FOREIGN AFFAIRS
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The Trade Council

DISTRICT HEATING TOUR TO UKRAINE

KYIV, KHMELNYTSKYI, KREMENCHUK, 14 June to 18 June, 2021



The Danish Embassy in Kyiv and DBDH have the pleasure to invite you to join an Export promotion tour covering the DH Sector in Ukraine. The visit will take place in the period 14-18 June and will focus on the cities: Kiev, Khmelnytskyi & Kremenchuk.

The Danish business delegations in the district heating sector have managed to create a high level of branding for Danish consultancy and technologies - through focused seminars and sector visits in various cities of Ukraine. We wish to continue this focus and invite you to join in. The visit will be the link between Danish exporters and Ukrainian utility companies on the point of making investments to upgrade their district heating systems, and as such lead to increased exports.

The Danish Energy Agency is active in Ukraine through the Ukraine-Denmark Energy Center helping Ukrainian Ministry of Energy and Ecology and State Energy for Energy-Efficiency to build up policy on the energy-efficient economy. DEA will support the event with participation and presentation of the general overview of Danish district heating – perspectives and trends.

Danida Sustainable Infrastructure Finance (Danida Business Finance) is likewise working actively in Ukraine and have initiated Terms of References for District Heating performed by Danish utility companies. Upon ratification by the Ukrainian Parliament the Agreement and provision of the

State guarantee the projects within district-heating will get great chances for financing along with the Danish technologies to be provided.

The major expected outcome of the DH Tour will be the district heating knowledge and technology transfer from Denmark to Ukraine, contributing to the Danish export increase in the district heating market and at the same time developing the Ukrainian market for district heating into a more innovative and energy efficient one.

THE PROJECT

The event will focus on Kyiv and the cities of Kremenchuk and Khmelnytskyy. These cities are running modernization projects in district-heating with the funds from DBF, EBRD, as well as NEFCO.

Kick off will be in Kyiv with several initiatives:

- Round table meeting with Kievteploenergo/ Kyiv municipality
- Seminar with focus on political talks under the headline “A Future District Heating Strategy of Ukraine” to be arranged in cooperation with the Ministry for Regional developments and State Agency for Energy Efficiency (SAEE). It has the idea to get around the table the politicians to make the clear strategy for sustainable development of district-heating in Ukraine.
The goal is to push legislation of district heating in Ukraine and promote the agenda of district heating as a means for transition from gas to other and greener fuels. The Danish development and strategy will be showcased by Danish Authorities, Utilities and stakeholders.
- Seminar with focus on District heating projects in Ukraine.
We will arrange this seminar in cooperation with Covenant of Mayors. During the past 2 years, a process of decentralization started in Ukraine, and as a result, municipalities are now responsible to support and maintain all infrastructure. So municipalities are the main decision makers on DH infrastructure. Management level of the DH companies will also be invited. The seminar will involve different Danish speakers, showcasing the benefits of DH, Danish experience etc. Danish companies will be invited to present their technologies and solutions. Danish utilities and Mayor level will be invited to share their experience with the Danish DH development and strategies, fuel flexibility, security of supply etc.
- Round table meeting with Kremenchuk DH company and the project teams, to get the first hand insight in the challenges and need of potential customers in Kremenchuk. Meetings with city administration as well as relevant contractors will be included. Danish participating companies will have the possibility to meet the parties, discuss and present their solutions.
- Round table meeting with Khmelnytskyy DH company and the project teams, to get the first hand insight in the challenges and need of potential customers in Khmelnytskyy.

Meetings with the city administration as well as relevant contractors will be included. Danish participating companies will have the possibility to meet the parties, discuss and present their solutions.

The selected cities:

KIEV

Kiev city with the inhabitants of 3 mio people is covered by one of the biggest heating companies in Europe, Kyivteplokomunenergo, that is since last year is run by Kyiv municipality. The company is in a desperate need of modernization of network, stations, other technologies. Therefore EBRD is planning a modernization project with Kyivteplokomunerngo worth 140 mio. Euros and grant of E5P of 3 mio. Eur for 13 years. The project is aimed on modernization of CHPs, reconstruction of larger boiler houses, networks, SCADA system, installation of IHSs.

KREMENCHUK

A city to the centre east of Kyiv in Poltava region. The project undermines construction rehabilitation of the DH systems in one of the districts of the city with the capacity of about 40 MW. NEFCO and Danida finances 10 mio. Eur where NEFCO will announce a tender for the supply of the technologies for the construction of new biomass boiler house, network modernization and installation of IHSs. EBRD has also a project there on installation of the meters. Ramboll is hired as the consultancy company for this project and the first phase has been passed. The city is also in a very urgent need to find the solution due to decommissioning of the boilers from the industrial plant.

KHMELNITSKY

Khmelnyskyi is a city in western part of Ukraine, the administrative center for the Khmelnytskyi Oblast and the Khmelnytskyi Raion. Khmelnytskyi is located in the historic region of Podolia on the banks of the Buh River with the population of about 300 000 people. The project of renovation of district heating systems in Khmelnytskyy was suggested based on the goodwill of the local administration and proactive approach of the present Mayor. The region has already good examples of the newly constructed biomass plant and systematic modernization of the DH systems in Kamenets-Podolsky town located not far from Khmelnytskyy. The project, a cooperation between SAEE, UDEC and the DEA, consists in the renewal of an existing and established district heating network in the city, which supplies heat for both space heating and DHW in most of the cases. Many of the system's components are outdated and reaching the end of their lifetime, resulting in high-energy losses, excessive fuel consumption and unsatisfactory heat supply for the customers. The initiative, divided in 5 projects, is focused in the areas supplied by two utility companies, which together sum up to a heat load of about 70 MW, with an over-dimensioned capacity of about 280MW. It will undertake the renovation of some boiler houses and the phasing-out of others, the replacement of the piping network, the interconnection of heating areas, and the installation of individual substations in multi-storey buildings and demand side measure in order to reduce the energy consumption significantly, and to provide a good quality of supply.

PRELIMINARY PROGRAM

June 14

- Arrival to Kyiv
- Afternoon Round table meeting with Kievteplokomunenergo/Kyiv city
- Briefing by the Danish embassy
- Overnight in the hotel in Kyiv

June 15 Kyiv

- Seminar with political angle: a future district heating strategy of Ukraine
- Lunch reception
- Seminar with focus on District heating projects in Ukraine with the Convent of Mayors
- Bus transfer to Khmelnytskyy (about 5 hours drive) check-in at hotel

June 16 – Khmelnytskyy

- Meetings with Municipality and district heating company of Khmelnytskyy
- Presentations Ukrainian side
- Presentation by Danish Energy Agency
- Presentations by Danish companies
- Site visit
- Networking Lunch
- Bus transfer to Kyiv and check-in at hotel

June 17 – Kremenchuk

- Early morning bus transfer to Kremenchuk (4 hours drive)
- Meetings with Municipality and district heating company in Kremenchuk
- Presentations Ukrainian side
- Presentation by Danish Energy Agency
- Presentations by Danish companies
- Site visit
- Lunch
- Bus transfer to Kyiv and check-in at hotel at Kyiv

June 18

- Departure to Denmark from Kyiv airport

TRAVEL INFORMATION

There are several options for travelling to Kyiv from Denmark. We will suggest a suitable flight schedule upon request.

Hotels in the cities will be arranged by the Danish Embassy. The price level is approx. EUR 80-100/night

Prices

The price is DKK 5,800 ex. VAT per company, and based on participation of 8 Danish companies and co-financing by Danish Trade Council.

Kyiv:

- Round table meeting with Kievteploenergo/Kyiv municipality
- Seminar: A future district heating strategy of Ukraine
- Seminar: Focus on District heating projects in Ukraine

Khmelnyskyy:

- Meetings with Municipality and DH companies of the city

Kremenchuk:

- Meetings with Municipality and DH companies of the city

Do you want to join?

Please send a mail to pz@dbdh.dk or tetkob@um.dk as soon as possible, and no later than 1 April, 2021.

Contacts and more information

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