**Norwegian Financial Mechanism 2014-2021**

**Press release**

**„Low emissions district heating system with incorporated PV (LEDHPV)”**

**project**

**(Project number 2021/325308)**

**Cluj-Napoca, 27/09/2023**

Termoficare Napoca S.A. has successfully completed the construction and installation of a photovoltaic park at the District Heating Plant platform (CTZ) platform, located on 68-70 Plevnei str., Cluj-Napoca.

The photovoltaic park was created within the project "Low emissions district heating system with incorporated PV (LEDHPV)", project number 2021/325308 co-financed within the "Energy programme in Romania ", through Innovation Norway as program operator.

The project took place over a period of 13 months and had a total value of 523.160 Euros, out of which the non-refundable financial assistance was 313.896 Euros.

The project was implemented from the need to produce electricity from renewable sources, which would allow the partial coverage of the energy consumption required by the pumping equipment and associated systems at the level of the District Heating Plant platform, with the possibility of injecting electricity into the National Energy System - SEN.

The main outcomes targeted by the project refer to:

- a photovoltaic system with a total installed capacity of 0,420 MW;

- 696 photovoltaic panels mounted on the ground;

- reduction of greenhouse effect emissions by 150 tons of CO2/year;

- energy produced from renewable sources, average annual amount of 492 MWh;

-19 employees trained for the use and maintenance of the photovoltaic system.

*Ing. Dan Emil Cupșa, Technical Director*: "The reception of the photovoltaic park was done at the end of July, the on-grid photovoltaic panels being installed on an area of ​​3.700 square meters. The 696 installed photovoltaic panels produce about 400KW/hour at maximum capacity, so far being produced an amount of energy of 46.67 MW/h, the equivalent of 33 tCO2.”

"Energy programme in Romania" is meant for "energy with less carbon emissions and increased security of energy supply". The program is part of the EEA and Norwegian grants 2014-2021. The EEA and Norwegian grants aim to reduce economic and social disparities in the European Economic Area (EEA) and strengthen bilateral relations between donor states (Norway, Iceland and Liechtenstein) and beneficiary states.

**Termoficare Napoca S.A.** is the public utility company that operates under the full authority of the Cluj-Napoca Local Council, operating in the area of the production, distribution and supply of thermal energy and hot water for consumption, as well as technical and sanitary installation works for owners' associations.

In order to ensure the best quality services to the inhabitants of the municipality, Termoficare Napoca S.A. has so far achieved investment objectives such as: increasing thermal energy production yields, reducing losses from the transport and distribution networks, increasing customer’s comfort, the metering of energy supplies at the building or apartment level, the introduction of cogeneration technology.

Project supported by the Norway Grants 2014-2021, in the frame of „Energy programme in Romania"**.**

**Additional details can be obtained from:**

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