

# Kamyanets-Podilskiy – Imatra District Heating Twinning

## Project Background

Name of applicant	Public Utility 'Miskteploenergiya' (Kamyanets-Podilskiy)
Project info/Project name	Kamyanets-Podilskiy – Imatra District Heating Twinning Programme
Contractor	Imatran Lämpö Oy
Project duration	August 2019-December 2019
Contract value	EUR 35,000

## Project Summary

### 1 Project summary

The scope of the work was knowledge transfer using a twinning approach by two similar district heating companies. One of the companies was from Ukraine, Public Utility 'Miskteplovodenerhiya' in Kamyanets-Podilskiy, and the other was from Finland, Imatran Lämpö Oy in Imatra.

The twinning project was carried out in four sessions

1. One-week training in Finland, August 2019
2. One-week study tour to Ukraine, September 2019
3. One-week training in Finland, November 2019
4. Final presentation and final report in Kiev, December 2019

### 2 Project conclusions

Technical and other specialists acquired new professional experience and outside expert views on the operations. The attendees of the twinning were actively seeking solutions to problems by applying relevant practices presented and discussed during the programme.

This kind of twinning is a simple and effective way of disseminating known feasible practices and expertise as well as bringing experts from different countries and cultures together to find solutions to various problems and aspects of the DH company operation, such as technical matters, billing, customer services, etc.

### 3 Impact on human rights and the UN's Sustainable Development Goals

The experience gained during the project will help implement further improvements in infrastructure and living standards, ensuring environmental sustainability and energy security, so that all consumers, including vulnerable groups, have access to affordable, reliable and modern energy services.

The project covers the following SDGs:



### 4 Project deviations

There were no deviations during the project.

### 5 Lessons learnt

The main lessons learnt by the Ukrainian party were that it should continue improving on its safety issues, production, infrastructure, customer satisfaction and all other aspects that will improve its position in the energy market, as well as its competitiveness and profitability.

Furthermore, during the twinning project, specialists discussed preliminary ideas for improvements to Kamyanets-Podilskiy's systems, including:

- Flue gas condensers
- Heat recovery for gas motor flue gases
- A solid fuel reporting system
- Lean thinking and a 5S system for tools
- District heating network modelling

The same parties will continue the cooperation in the next phase: the Technical Optimisation Study, which was approved at the EMC#5 meeting and is due to commence in January 2020.