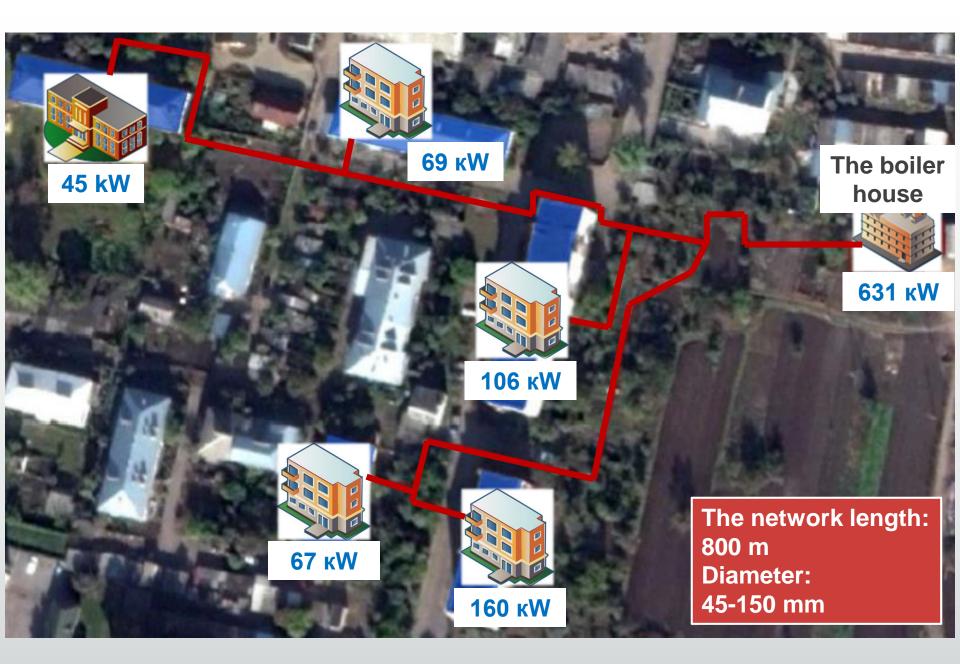


## The first energy efficient district in Ukraine

Zhovkva Town Mayor Petro Vykhopen





## The planned results of energy efficiency:



By means of the energy efficient sanitation, according to theoretical calculations, it is possible to save more than 70% of heat energy. Estimated gas saving under this concept is 344900 m3 / year. As a result of the kindergarten modernization, the energy consumption of the building will decrease by 102 MWth / year. After the modernization of the heating networks the heat losses during the modernization will be decreased up to 20%.



After implementation of all activities under this concept, the reduction of greenhouse gas emissions is expected to be 1200 t / year. The total cost of activities under the concept exceeds 1,2 million euros.

## Our achievements for today







The heat network has been replaced with preinsulated pipes

Energy losses reduced from 17% to 5% The kindergarten Nº2 has been thermo-modernized

The energy consumption reduced from 123,6 to 80,7 MWth·h/year

The indoor temperature has increased from 15-17 °C to 21-23 °C

The incidence of children decreased for **20 %** 

4 individual heating units have been installed in residential buildings

Energy consumption reduced for

12 %

Reduction of the tariff for heat energy by

10 %

