

Hear the energy needs of the city



City of Bydgoszcz, Poland



Energy poverty phase



Diagnosis



Planning

Intervention type



Data analysis



Capacity building

Professionals involved

Members of local government
Technicians

Sustainable development goals

1



3



7



11



17



The technical assistance will focus on the administrative borders of the City of Bydgoszcz. In 2019 Bydgoszcz was inhabited by 348 190 residents which represented 16,8% of the total population of the region. The population density is 1979 people/km². In 2019 there were 23 375 residential buildings in the city (152 586 apartments in total). The total electricity consumption in the city is around 1234 TWh and shows an upward trend. It was calculated that the approximate demand of residential buildings with heat, as of 2020 amounts to approximately 5976,9 TJ. The total projected thermal capacity in 2019 may amount to 1544 MW. About 60% of residential buildings in the city were built in 1919 or before. Therefore most of them need thermo modernisation. The energy poverty is not well approached in Bydgoszcz however the city already offers energy benefits for low-income households.

The municipality already worked on energy on different levels and established a strong collaboration with the Energy Operator and various Research Institutes through Horizon 2020 projects and other grants received to develop projects. In order to promote the specific introduction of energy poverty actions into the different projects, the municipality wishes to be supported in the whole diagnosis process.

The aim of the technical assistance is to provide a final report that will show the types of energy poverty present at the local level, the respective social consequences and a set of possible inspirational actions that can be implemented to start tackling energy poverty. Moreover, the technical assistance shall support the identification of the local indicators to use to introduce energy poverty in the local climate plan.