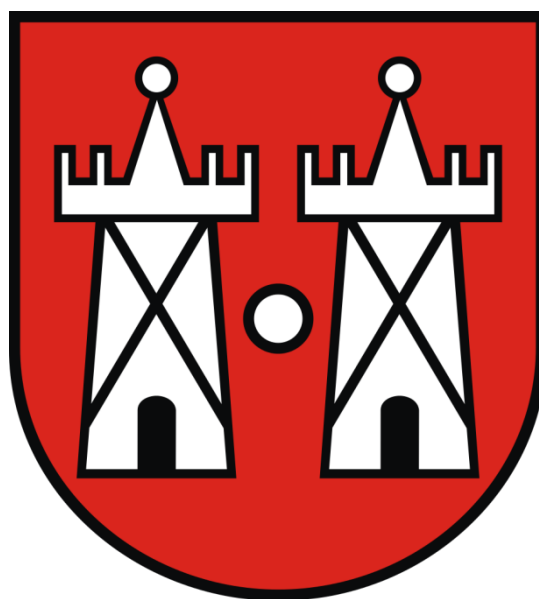




POLSKIE I NORWESKIE GMINY
razem dla klimatu i energii

Płońsk

Płońsk - towards a "zero-emission" city



Project description was prepared within the umbrella project "Polish-Norwegian cooperation platform for climate and energy conservation", which is funded under the PL04 Programme of the Bilateral Cooperation Fund, financed from the Norwegian Financial Mechanism (NMF) 2009-2014.



Description of the municipality

Płońsk is a medium-sized municipality located 60 km from Warsaw and counting 22 500 inhabitants. The city is one of the Polish front-runners in the development and implementation of environmental actions (including inter alia construction of the modern biomass-fuelled power plant and installation of the solar thermal collectors on the sports center).

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Description of the overall idea for innovation

Identified problem: high energy expenditures in the waste management sector, low (compared to Norway) percentage of waste products being reused; Main objective of the innovative project: the pilot project concept is based on thinking in the categories of the products' life cycle, which focuses on indicating these aspects of products and services, which may be improved in order to reduce their environmental impact and to reduce resources consumption on all stages of their life cycle. Within the pilot project, the city proposes to concentrate on the last stage of products' life cycle, i.e. on the improvement of energy efficiency in the waste utilization phase, as well as on considering possibilities of their reuse or recycling.

Implementation of Norwegian solutions in this area (after their adaptation to Polish conditions) will help Płońsk to significantly improve energy efficiency in the waste management sector, as well as to recover more products, half-products and raw materials. The latter will contribute to the reduction of energy consumption necessary to obtain these goods in a traditional way. The project will also result in significant improvement of local environment's quality, mostly due to decreasing amount of toxic waste being incinerated in individual boiler houses (this concerns especially the plastic packagings and parts of small IT equipment).

On the 18th and 19th of May 2016, during the meeting with the Norwegian partner, relevant consultations were carried out. During the consultation both parties established future areas of cooperation, where the biggest successes may be expected. These include:

- 1) Safedrop - specialised container for the collection of IT waste;
- 2) collection and repair centre for used products which are not considered waste (with the aim of re-using them in the future);
- 3) use of modern technological solutions (automatic equipment) for identifying and collecting different types of packagings.

It is assumed that within the framework of the pilot project all of the above solutions will be implemented in Płońsk.

Description of the micro-project

The micro-project foresees conducting necessary research and analyses, preparation of project documentation and sharing experience with the Norwegian partner. It also includes establishment

of the project team (including monitoring working group), 2 study visits in Norway followed by 2 return visits of the Norwegian partner in Poland and organisation of the thematic conference.

One of the major results of the micro-project will be the pre-investment feasibility study. The document will contain inter alia detailed assessment of planned project results, also in terms of its influence on waste production and waste material recycling. The study will be used as a supporting document during application for external funding. It is planned that it will be developed in a way that will allow other municipalities planning similar investments to use it as an example (especially the municipalities planning to apply for Norwegian funds).

Another important part of the micro-project is the questionnaire-based survey, which will allow the municipality to verify assumptions of the pilot project, as well as strengthening of the cooperation with the Polish and Norwegian partners. The municipality also plans to obtain new partners for this innovative initiative.

Planned results/outputs of the micro-project

1. Development of the feasibility study for the pilot project;
2. Organisation of 2 study visits in Norway and 2 return visits in Poland;
3. Organisation of the conference for citizens and local stakeholders (with the participation of the Norwegian partner);
4. Carrying out of the questionnaire-based survey.

Expected role of the Norwegian

The municipality looks for valuable dialogue and cooperation with the Norwegian partners, who have experience in similar initiatives. The scale of recycling and re-use of waste products is much bigger in Norway than in Poland. Płońsk already contacted (in May 2016) and established possible cooperation frameworks with Esva Miljøpark – modern, municipal environmental center in Nes. It is expected that new Norwegian partners will be found within the micro-project, including establishing cooperation with the TOMRA company in the first place (the company is a leader in the innovative waste management solutions). It is also considered to obtain partners from the research sector. The municipality seeks Norwegian good practices in the area of trilateral cooperation (local self-governments, private companies and research institutes), including setting up of local cooperation clusters and boosting economic development on the basis of innovative technologies. At first, planned cooperation activities will be focused on the development of the results of PIAP research project, including the development of the concept of the common scientific project.

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