

# Green Heat pilot project in Legionowo. Working conceptualization report

Project title: “**GREEN HEAT – towards collaborative local decarbonization**”  
(Project acronym: “**GREENHEAT**”)

**Deliverable:** D1.1 Working conceptualization report  
**WP No.:** WP1  
**Editor(s):** Agata Dembek (ALK)  
**Contributor(s):** Alicja Dańkowska, Agata Dembek, Piotr Starzyński, Agata Stasik (ALK)  
**Date:** June 2021  
**Status:** Final version



## ABSTRACT

The GREENHEAT pilot project aims at developing and exercising a participatory, iterative, and locally embedded process of social engagement towards decarbonization of residential heating systems in the city of Legionowo (individual fossil-fueled boilers' elimination and their replacement with low-carbon heating technologies). The process is intended to support social change on the local level by engaging various stakeholders in the collaborative development of solutions to organize energy transition. Through involving the local community, the process also aims at broadening civic awareness of sustainability challenges. The pilot process in Legionowo will provide an empirical context for developing and testing the replicable implementation methodology of participatory local energy transition process.

This report outlines the development of a working conceptualisation of the pilot process. It is composed of five sections. Section 2, based on primary desk research, describes in detail the regulatory, policy and ecological conditions in the city of Legionowo, relevant for the GREENHEAT project. Section 3, based on literature review, discusses theoretical and methodological approaches informing the pilot process' design. Section 4, based on desk research and literature review, presents brief descriptions of nine research papers and case studies of participatory socio-technical transition processes. Lessons and recommendations drawn from each of those examples for the pilot project in Legionowo are examined. Finally, Section 5 presents the working conceptualisation of the pilot process, informed by insights from the three former sections.