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Energy clusters in the management of sustainable development of the Łódź Voivodeship

Key words: sustainable development, regional governance, energy clusters, role of local government in GOZ management

Abstract:

The dissertation covers the issue of energy cluster formation in the region of the Lodz Voivodeship. The dissertation poses research questions: main and specific, and three hypotheses were constructed for their verification in a survey. The author of the study applied triangulation of research, which allowed in-depth verification and obtaining answers to the set questions. The main objective of the study is to identify the role of the energy cluster (EC) in managing the sustainable development of the Lodz region. Conducted literature analysis, followed by a properly planned and executed survey on the population of existing energy clusters in Poland and in-depth 24 expert interviews in the Lodz region (qualitative research) allowed, in the end, to collect extensive empirical material for final analysis, verification of hypotheses and answers to research questions and presentation of final conclusions.

There are only 2 certified energy clusters in the Lodz region so far, so the work provides a basis for analyzing the reasons for this state of affairs and recommends practical measures for activating clusters in the region in the future. A broad analysis of the management of sustainable development in the region organizes and reveals the knowledge of the region for the strategic management of the development of the Lodz region in a particularly timely and important management in a sustainable manner.