

DATA ACTION in Plovdiv Region, BG

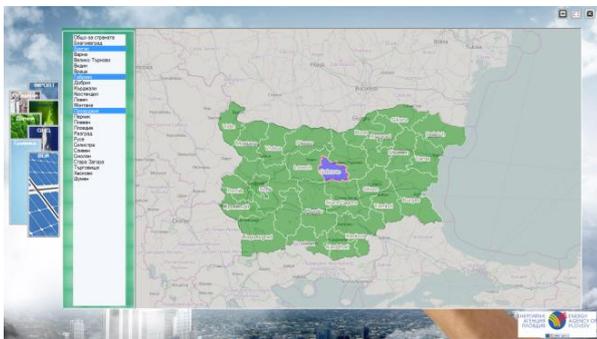
Data Sharing: Key Issues & Local Needs

Introduction

The main objective of the Data4Action project is to improve local authorities' access to energy data. Organizations from eleven different European countries participate in this project, which is co-funded by the Intelligent Energy Europe Programme. This document summarizes the situation and objectives of Data4Action in Plovdiv Region.

Objectives

The Energy Agency of Plovdiv has established the Regional Observatory for Energy, Environment and Climate (ROEEC) in the South Central and South East Region with the aim to support local authorities in their development, monitoring and evaluation of local actions dedicated to the European 20-20-20 target and other national targets.



Sharing information on sustainable energy in Plovdiv Region

The ROEEC will address the barriers to the data needed for the priority municipal plans and strategies, i.e. EE and RES plans (SEAP), air quality plans and waste management plans. It will focus on defining the data sets and data formats, methodologies and approaches to data collection, methods and practices

in analysing data.

The ROEEC will operate in two aspects – the one being a virtual ROEEC – i.e. tool for data collection and structuring; and, second, as a “living” observatory with experts to process and analyse data. The ROEEC as a virtual tool will serve the municipalities to structure and store their data related to energy, environment and climate. The living ROEEC will be comprised of the EAP experts – the Integrated office for air quality monitoring and modelling, the Laboratory for research and certification of solid biomass and compost, Energy Monitoring and Management, Development of strategies and plans. The activities of both aspects of the ROEEC will be supported by promotion and dissemination activities to the various stakeholders – local authorities, institutions, municipal experts, wide public. etc.

Sources of information at local level and main problems to overcome

The sources of information on municipal level are municipal measurements, ministry records of the environmental measurements, energy providers data, energy producers data, energy associations, energy agencies, statistical offices. Still, in Bulgaria data is strictly protected and there're regulations on data sharing.



The data access is regulated by law in most cases. The major problems to overcome are the administrative barriers to access data, the inconsistencies in data sets, lack of data or data gaps, low level of granularity.

Data	Sector	Level	Data provider	Data Quality
Energy Consumption	All sectors, except residential	Room/unit to urban level	Local energy utility, building owners, facility managers; through surveys and interviews; through surveys, estimation and extrapolation	Good
Energy consumption	Residential	Apartment to urban level	Local energy utility, building/ apartment owners; through surveys and extrapolation; through surveys, estimation and extrapolation	Poor
Local electricity production	All sectors	Installation level	Local utilities, DSO, TSO, national energy company, national sustainable development agency, production unit owners; through public registers and upon request	Very good
Local heating production	All sectors	Installation level	Local utilities, installation owners; through surveys and interviews	Poor
Air quality	-	City level	Local authorities, local environmental agencies, national environmental agency; modelling and estimation of data available	Good
Waste management	-	City level	Local authorities, local environmental agencies, national environmental agency; extrapolation and estimation of data available	Poor

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