

DATA ACTION in the Zlín Region, CZ

Data Sharing: Key Issues & Local Needs

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Introduction

The main objective of the Data4Action project is to improve the access of local authorities to sustainable energy data. Energy agencies from eight different European regions participate in this project, which is funded by the Intelligent Energy Europe Programme. This document summarizes the situation and objectives of Data4Action in the Zlín Region.



Objectives

As a part of this project memoranda of cooperation will be signed between different actors. Mutual cooperation between data providers, public authorities and observatories will help to build the data center in the Zlín Region needed for technical advice, exchange of experience in energy planning and creating a database of energy data. The data center will help public administration in monitoring and implementation of their SEAPs.

Sharing information on sustainable energy in the Zlín Region

The region needs to stimulate community interest in participating in the Covenant of Mayors. Currently only 5 municipalities signed the Covenant of Mayors in the Czech Republic, none of them in the Zlín Region. It is also necessary to motivate and involve local action groups in promoting the transition to a low carbon economy in all sectors. Such measures include increasing the level of renewable energy, reducing energy consumption, promoting smart energy system etc.

The Zlín Region includes 307 municipalities and EAZK cooperates with most of them. The main energy data are consumption of electric power, natural gas, heat and biomass in municipal facilities. These data are needed to create local SEAPs. Therefore, it is necessary to create a united database of these consumptions and set up a system for obtaining and updating the necessary data. Processed data will be available for municipalities. They can be used as a baseline for creation of sustainable energy action plans or monitoring their performance.



Sources of information at local level

Sectors	Data needs	Information source	Quality
Municipal buildings operated by local authorities	List of municipal building	Inventory, but some local authorities do not have a full list of all buildings they manage.	Medium
	The consumption of electricity, natural gas, thermal energy and biofuel of individual buildings	Data are deducted from invoices.	High
Public vehicles that the local authority owns or operates	List of public utility vehicles, information on the type of vehicle, fuel used and consumed	Information from fleet manager and the vehicle paper	High
Public lighting	The number and type of lamps, its installed capacity	Manager of public lighting	High
	Electricity consumption	Electricity provider invoices	High
Residential and tertiary sector	Consumption of electricity, natural gas, heat	Data access on request from energy provider	Not available
Renewable energy sources	Information on RES installations	RES register includes the list of licenses issued. The data is free on the website.	High
Transport	The number of vehicles, the type of fuel and fuel consumption.	On request by the traffic authority or individual users.	Not available

Main problems to overcome

The main problems encountered are unavailable or low quality data from some providers. Creating a data center is supposed to simplify the access to energy data at regional and local level. Collaboration agreements with data providers are foreseen to guarantee the quality of input data, the centralized database of consumptions will unify the data processing and analysis of SEAPs.

Contact

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