

DATA4ACTION IN ROMANIA

Data Sharing: Key Issues & Local Needs

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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 Romania.



Objectives

D4A will improve the access of LAs to energy data by enhancing collaboration between energy providers, LAs and other stakeholders as well as by creating the first Regional Energy Observatory in Romania. This in turn will ultimately mean better implementation and monitoring of the SEAPs elaborated by Romanian municipalities.

Sharing information on sustainable energy in Romania

Alba Local Energy Agency - ALEA, plays the role of the energy data facilitator, alongside with other local authorities that are involved in this process. The energy data is needed mainly for the new energy observatory structure that operates inside ALEA.

ALEA will process the raw energy data that will be adapted for use in the SEAPs for the Local Authorities that have signed the Memorandum of Cooperation with ALEA and the Observatory. Currently we are working with 12 Local Authorities that are all involved in the CoM.



First Regional Capacity Building Workshop @ ALEA, 12th May 2015

Sources of information at local level

Energy	Sector	Information source	Quality
All energies	Municipal facilities	Invoice-by-invoice analysis by the municipality	High
Electricity	Per sector	Electricity distribution system operator provides the information divided by sectors	High
Natural gas	Per sector	Natural gas distribution system operator gives the information divided by type of consumer	High
Diesel oil, gasoline	Local public Transport	The local public transportation company will provide fuel consumptions of their fleet	High
Diesel oil, gasoline	Municipal fleet	Alba Municipality will provide information about own fleet and related fuel consumption	High
Diesel oil, gasoline	Private & commercial transport	Local Authorities, Alba Environmental Protection Agency, Romanian Road Authority	Low
Biomass (wood)	Households heating	Local authorities, regional surveys	Low
Solar PV, Wind, hydro	Electricity production	Local energy production data from Local authorities	Medium

Main problems to overcome

Data collection in Romania is a difficult process hindered by several issues: the lack of detailed energy consumption databases, the insufficient training of municipal technical staff, the quality/reliability of energy data, data confidentiality which is coupled with the position of the energy providers being highly aware of their competitors on the market.

Problem in energy data sharing	Proposed solution
The lack of detailed energy consumption databases	New monitoring for essential consumption data monthly (municipal buildings, public lighting)
Insufficient training of municipal technical staff	Organising training sessions with experts at municipal level (capacity building workshops)
The quality/reliability of energy data	Multiple inputs or analysis methods. Measured feedback at random consumption points.
Data confidentiality	Consumption's data to be provided by DSOs in aggregated form only, per consumption sector (municipal, residential and tertiary).

Contact

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