

ANERGO

Alba Energy Observatory [RO]

Alba Local Energy Agency
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Romania

Context & Rationale

ANERGO Energy Observatory is a newly created observatory through the European project DATA4ACTION. Alba Local Energy Agency – ALEA, as a project partner, has started the observatory operation as an internal structure. Initially the observatory will provide its services for the Local Authorities in Alba County with the possibility to expand its services in the surrounding counties in the future. The management of the observatory is based on the Regional Steering Committee, whose members can provide useful directions for the observatory operation as they represent Regional and Local Authorities, Energy Data Providers and Energy Facilitators.

Description

The observatory is monitoring:

1. Final Energy consumptions at county level

One of ANERGO's key missions is setting-up an initial baseline consumptions inventory BEI for the year 2008 to be used as reference (baseline) for the SEAPs of Local Authorities that have signed an agreement with the observatory. This implies collaborations with the Local Authorities and the Energy Data Providers to define and enhance the templates of required energy data.

The image shows a collage of data tables from the ANERGO Energy Observatory. The tables are organized into sections, with the main section titled 'Mici consumatori' (Small consumers) and 'Tot. casnici + mici cons.' (Total households + small consumers). The tables contain columns for 'Lfi eligibili' (Eligible Lfi), 'Lfi total' (Total Lfi), 'Lfi rural' (Rural Lfi), and 'Lfi urban' (Urban Lfi). They also include columns for 'N consum casnici' (Number of household consumers) and 'N consum mici cons.' (Number of small consumer consumers). The data is presented in a grid format with numerical values and percentages. The ANERGO logo is visible in the background of the tables.

Dec.2015

ANERGO has signed collaboration agreements with the main electricity distributor and other key Energy Data Providers in the region.

2. Energy production from renewable sources

The energy production data is collected through figures provided by the Local Energy Data Providers. The production of energy is being taken into consideration when calculating the total GHG emissions at municipal level which is very important for the Sustainable Energy Action Plans of LAs.

Main Objectives

The main long-term objectives of the observatory are:

- Building and adapting the on-line energy data files for local authorities (LAs), energy data providers and individual consumers.
- Enhancing partnerships with existing observatory partners and attracting new partners and ways towards a better partnership management at regional level.
- Elaborating Baseline Emissions Inventories – BEIs for the partner LAs (at least 3 inventories before the end of DATA4ACTION project) and Monitoring Emission Inventories – MEIs that will represent trusted sources of energy data for the LAs.
- Preparing designated persons from LAs to use ANERGO online tools addressed to LAs.
- Carrying out experience exchanges and enhancing cooperation with other energy observatories that are already established in Europe and also sustaining the development of new energy observatories.
- Implicating the individual consumers in the process of better understanding and adjusting the average consumption levels of residential areas, as well as providing feedback for the individual consumers based on their input. This will be realized through “Your Consumption” section on ANERGO website.

The screenshot shows the ANERGO online tool interface. It includes a form for entering consumption data for 2014 and 2015. The form is titled 'ANERGO ONLINE' and 'DETALII PRIVIND LOCUIN'. It asks for the number of persons in the household and the type of heating system. Below the form, there is a table showing energy consumption data for 2014 and 2015, categorized by month and total. The table includes columns for 'ENERGIE ELECTRICA', 'GAZ METAN', and 'APA POTABILA'.

ANUL	ENERGIE ELECTRICA	GAZ METAN	APA POTABILA
Total 2014	2200	1320	21600
Total 2015	1080	656	2800

Implementing Structure & Partners - Governance

The observatory management is carried out by the Regional Steering Committee. The Committee has members that represent all types of partners that the observatory has:

- Energy Facilitators, including ALEA
- Regional Authorities

- Local Authorities
- Energy Data Providers



All above mentioned RSC members have signed the Memorandum of Understanding (MoU) and each partner is assuming key roles that are described in the MoU. Their input on the observatory is expected to enhance

the specific collaboration with new partners of the same type as them and with other types.

The role assumed by RSC members include participation to RSC meetings at least once per year and at any other communication activities organized by the observatory, as well as offering their support for the collaboration agreements that the observatory attempts to implement or have implemented. The energy planning facilitators have also the role to contribute to the development of the observatory.

Local authorities that have signed the Memorandum of Cooperation are the first that will benefit from the observatory's services. On the website LAs can find information about the benefits of becoming partners with ANERGO.

Through its operation ANERGO has the capacity to adapt the RAW energy data to be used for CoM SEAPs and public energy reports on Alba Region. The energy data is being passed through a confidentially filtration procedure as not any energy data can be made public or being given to the partner for which hasn't been designated.

ANERGO is committed to create a safe environment for energy data exchange and storage.

Financing and Costs / Time Frame

The financial resources required for the operation of the observatory will be provided through the DATA4ACTION project until the end of the project and after that other means for financing will be identified. During the DATA4ACTION project, the observatory will provide its services at no charge for the local authorities.

The human resources designated for the observatory operation are: 1 person for the first year of operation and ½ person for future operation. The designated person inside the observatory will have local authority's technicians and employees from energy data providers' offices as contact points.

The observatory has been operating since July 2015.

Contacts & Links

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Observatory website: www.anergo.alea.ro

ENERGee Watch website: <http://www.energee-watch.eu/>