



ANERGE OBSERVATORUL ENERGETIC ALBA

THE FIRST REGIONAL ENERGY OBSERVER IN ROMANIA

Workshop Dezvoltarea locală cu ajutorul energiei regenerabile Bacău, 28 octombrie 2015

ACCESS OF LOCAL AUTHORITIES TO ENERGY QUALITY DATA

- Local authorities play a crucial role in mitigating climate change, especially since 80% of energy consumption and emissions of $C0_2$ are believed to be due to activities in their area of influence.
- ANERGO provides technical support and coordination for the development of Sustainable Energy Emission Inventories and Action Plans developed and implemented by local authorities in Alba County
- ANERGO supports communities that have joined or wish to adhere to the Covenant of Mayors and who are interested in achieving the EU 20-20-20 goals through sustainable local development.







MODELS OF COLLABORATION PROPOSED BY ANERGO ENERGY OBSERVER

ACORDURI DE COOPERARE PROPUSE DE OBSERVATORUL ENERGETIC

AUTORITĂȚI LOCALE

Instrumente și metode pentru monitorizarea și analiza consumurilor municipale

FURNIZORI DE PRODUSE ȘI SERVICII ENERGETICE

Dezvoltarea cooperării cu sectorul public și cu cel privat

CONSUMATORI INDIVIDUALI

Instrumente și practici pentru eficientizarea consumurilor casnice

RAPOARTE ENERGETICE ANUALE ANALIZA EVOLUȚIEI MEDIILOR DE CONSUM ȘI A EMISIILOR DE CO2 ECHIVALENTE

Date energetice pentru planurile de acțiune ale autorităților locale (Convenția Primarilor) Evidențierea profilurilor de consumator și îndeplinirea obligațiilor legale privind eficiența energetică

Scăderea cheltuielilor și creșterea sustenabilității energetice a comunității locale

CREȘTEREA COMPETITIVITĂȚII ECONOMICE REGIONALE PRIN EFICIENTIZAREA CONSUMURILOR DE ENERGIE ȘI PROTEJAREA MEDIULUI ÎNCONJURĂTOR



ANERGO OBSERVATORUL ENERGETIC ALBA



ACCESS OF LOCAL AUTHORITIES TO ENERGY QUALITY DATA

- ANERGO will request, on behalf of the partner local authority, energy data from any data provider that can transmit information on the territory administered by the local authority including data on electricity consumption, natural gas consumption, transport data and others
- Partner local authorities will provide the Observatory with energy data related to its own buildings and services.
- Based on these data, partner local authorities will receive on demand, free of charge, energy reports for their own consumption









ACCESS OF LOCAL AUTHORITIES TO ENERGY QUALITY DATA

- ANERGO has begun a process to help partner local authorities access online services to manage their electricity and methane gas consumption easily and quickly
- Several consumer sites or customer accounts can be accessed centrally, thus facilitating quick access for local authority personnel to manage Sustainable Energy Action Plans (PAED) to energy consumption (electricity and natural gas) in Last 12 months



ACCESS OF LOCAL AUTHORITIES TO ENERGY QUALITY DATA

- The Energy Observatory will process the primary data received from energy data providers and partner local authorities.
- The processing of energy data involves correction, correlation and adaptation processes to the reporting formats required by the Mayors' Convention and energy consumption inventories and CO2 related emissions.
- Through the data management process the required level of confidentiality is ensured.
- On the basis of the energy data obtained, the consumption trends can be estimated and the impact on the environment can be assessed.



ANERGO COLLABORATION AGREEMENTS WITH LOCAL AUTHORITIES

- To date, there are 12 local authorities in Alba County with which ANERGO has cooperation agreements:
- Alba Iulia Municipality
- Aiud municipality
- Teius City
- Zlatna City
- Cugir City
- Berghin commune
- Ciugud commune
- commune Crăciunelu de Jos
- commune Ighiu
- Pianu commune
- Sântimbru commune
- Poiana Vadului commune



AGREEMENTS ESTABLISHED BY ANERGO WITH ENERGY DATA SUPPLIERS



- The Energy Observatory currently has collaboration agreements with the following data providers:
- ELECTRICITY DISTRIBUTION SUCCESS ALBE SDE (FDEE TRANSILVANIA SOUTH)
- REGIONAL DIRECTORATE FOR ALBA STATISTICS
- THE ENVIRONMENTAL PROTECTION AGENCY APM ALBA
- THE PUBLIC TRANSPORT SOCIETY STP ALBA IULIA
- Collaborative Agreements Under Signing:
- E.ON DISTRIBUTION ROMANIA Tg. Mures

CONSUMPTION MONITORING FOR INDIVIDUAL CONSUMERS

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• The Energy Observatory provides consumers with the tools to record their consumption and will provide customized reports in line with consumption trends to 1080 658

Online registration at:

www.anergo.alea.ro/consumul-tau

ENERGY REPORTS

 The Energy Observatory aims to produce annual energy reports comparing the consumption of local authorities in the region

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 On the basis of multiannual consumer trends, ANERGO will be able to provide feedback to local authorities on the impact of implementing Sustainable Energy Action Plans and focusing these actions on areas where consumption and emissions reduction is most important.

FOR DETAILS PLEASE GO ON...

- http://anergo.alea.ro/autoritati-locale
- http://anergo.alea.ro/furnizori-de-date

FOR TECHNICAL ASSISTANCE AND **COLLABORATION AGREEMENTS...**

E-mail: anergo@alea.ro







THANK YOU FOR **YOUR ATTENTION!**

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