Course: Data Collection (Acquisition and Treatment)

ENERGee Watch

The course on **Data Collection (Acquisition and Treatment)** is dedicated to understanding the importance of **systematic, timely, and periodic gathering of energy data.** Data collection and management are crucial for **identifying trends**, **defining** and **monitoring strategies**, and prioritizing **energy efficiency improvements**.

As the collection of reliable and complete energy data often shows to be a difficult task, this course helps participants to learn how to establish an **effective energy management system** for the public sector, as well as how to **identify sources and facilitate access** to territorial aggregated, and non-identifying **energy data**.

Our participants:

- **Kilkenny city region** aims to **replace natural gas boilers** with biogas boilers and then implement the successful actions to other cities as well.

- **Montreuil, Région Île-de-France** is developing the **Sustainable Energy and Climate Action Plan (SECAP)** for the Est Ensemble public establishment (EPT Est Ensemble).

- **Chișinău, Republic of Moldova** is creating the first **SECAP**. The region has also developed and implemented a **Development Strategy** for period 2017-2022 to the small **village of Palanca**.

- **ANERGO Energy Observatory** from Centru Development Region of Romania, as part of the Alba Local Energy Agency – ALEA. [The SECAP of Alba Iulia municipality – Alba County, RO.](#) The **SECAP** is under implementation since 2019 and is currently being monitored.

"With the help of this course in the future if we are doing any projects in which we need to calculate energy consumption, energy savings and other data analysis part. This course helped me get more accurate results than before."

"The course helped me and my agency to frame our activity and serve better the needs of the territory thanks to advice of our mentor."

"By ensuring a better quality of the SECAPs and that all of them will be approved and will attract more investors."

Course 1 on **Data Collection** enabled the participants to:

<u>**Consolidate their SECAP stakeholder network**</u>, since these types of activities rely on multiple categories of stakeholders to carry out the European vision for decarbonisation at local and regional level. Stakeholder consolidation is thus essential to maintain a high level of engagement and support a strong implementation course for current and future mitigation and adaptation actions that are part of SECAPs and other strategic documents. Stakeholders representing energy data providers are also part of the process for maintaining reliable data sources for SECAPs. Extending, updating, and finding new opportunities of cooperation/signing new agreements with regional data providers is a key process. Inter-regional consolidation of stakeholders' network through the ENERGee Watch network of European energy agencies and Regional GHG and climate observatories is another important priority that is facilitated by the partnership with the ENERGee Watch project.

<u>**Improve energy and climate data and data management for SECAPs.**</u> Data reliability can be improved by adjusting current statistical sources and the identification/use of new scaling factors. Information provided by ENERGee Watch training courses will be used to expand the current capabilities of the participating organisations, enabling the usage of new data analysis and visualization models while also filling some gaps in existing statistical models.