

# DATA ACTION in Greece

## Data Sharing: Key Issues & Local Needs

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### Introduction

The aim of the Data4Action project is to **improve local authorities' access to energy data**. Energy agencies and other relevant organizations from eleven different European countries participate in this project, co-funded by the Intelligent Energy Europe Programme. This document summarizes the objectives of Data4Action and the current situation with regards to data sharing in Greece.

### Objectives

The project aims to **establish a data exchange collaboration model for public authorities and energy stakeholders**. This will enable the creation of a “one-stop shop” data center / energy observatory in Greece that will **provide energy data to municipalities that are developing or monitoring their Sustainable Energy Action plan (SEAP)**, within the framework of the Covenant of Mayors (CoM) initiative.



D4A Roundtable for energy and public stakeholders

### Sharing energy data in Greece



The CoM initiative is gaining momentum in Greece, with more than 105 Signatories to date, whilst there are also 56 municipalities that are on-hold as they have not submitted their SEAPs. Thus, the CoM has mobilized more than a third of the local authorities in Greece, which voluntarily commit to increase the energy efficiency and use of renewable energy sources within their territories, as well as reduce CO<sub>2</sub> emissions by at least 20% by 2020. This is to be achieved by developing and implementing a SEAP. Consequently, it is imperative

that public authorities have access to local data for developing and monitoring SEAPs.

Currently there are no national or regional observatories, energy agencies or other public bodies in Greece that provide local energy data to municipalities. The collaboration of energy stakeholders has been pursued by the Technical Chamber of Greece's structure (TCG) and EPTA, within the framework of the IEE co-funded project SEAP-PLUS. TCG signed Memoranda of Cooperation (MoC) with two key energy providers in Greece to facilitate access to local energy data: the Public Power Corporation S.A. (PPC), the biggest power producer and electricity supply company; and the Public Gas Corporation S.A. (DEPA), the utility responsible for the wholesale, transmission, distribution and supply of natural gas. Therefore, the Data4Action observatory in Greece, which will be integrated within TCG's structure and will be created with EPTA's technical support, will build on these collaborations to enable data exchange and assist municipalities in the development and implementation of SEAPs.

## Sources of information

A high level assessment of the data most commonly used in SEAPs in Greece is shown below. The quality of the data varies significantly, depending on the type of data, data sources, the disaggregation level available, the way the data are collected and processed, etc.

Sector	Information source	Quality of data
Public Sector	Monthly electricity invoices with information on energy consumption for each municipal building/facility.	Medium (missing meter readings or faulty meters)
	Heating oil quantities purchased by the municipality	Medium/Low (no data on purchases/use per building)
	Natural gas consumption for each municipal building (invoices or data from energy provider)	High (based on meter readings per building)
Public lighting	Number and type of lamps installed for public lighting if no local data available from energy provider	Medium/Low (estimates/no inventories)
Public vehicles	Fuel consumed by each municipal vehicle and/or kilometres travelled	High/Medium
Residential & Tertiary Sector	Electricity consumption at a regional level or if given by the energy provider at a local level	Medium/Low (regional estimates)
	Heating oil consumption at national / regional level	Low (no local data available)
	Natural gas consumption (national data if no local data available from energy provider)	High/low
	Wood consumption estimates from national data	Low
	Renewable Energy Sources installed and in operation	High/Medium
Transport	National or regional data on number of vehicles, vehicle type, fuel type, mileage, fuel consumption	Low (no local data available)

## Main problems to overcome

Energy stakeholders are not legally obliged to provide local energy data to municipalities, energy agencies and energy observatories. Furthermore, national and European legislation only ensure consumers access to own consumption data. Even when energy providers are keen to cooperate with public authorities and collaboration agreements have been signed, this does not necessarily enable the provision of data. For example, even though two Memoranda of Cooperation have been signed in Greece, there has been no data exchange so far. Therefore, it is vital to clearly communicate the benefits of collaboration to energy providers and establish a good working relationship with them in order to access data exchange. Contingency planning is also important and includes the use of regional or national data to provide estimates when local data are not available.

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