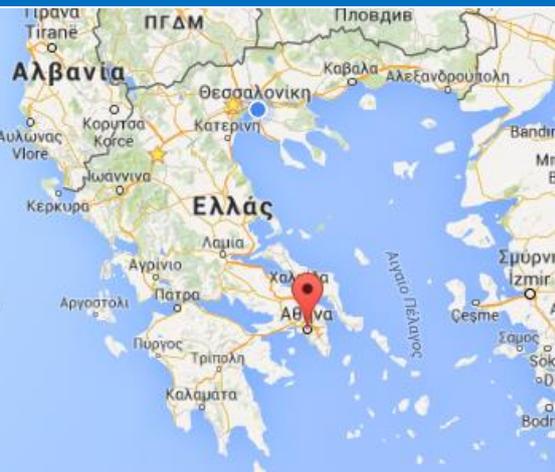


## EYDAP

### Athens Water Supply and Sewerage Company



#### IN BRIEF

**System :** Telemetric rain gauge network

**Where :** Athens

**When :** April 2015

#### PROJECT ADMINISTRATOR

EYDAP  
Athens Water Supply and Sewerage Company

#### Important!

One of the most complete and simultaneously the one of the most modern networks in Europe

#### Important!

Completely automatic with almost zero operational costs

#### Important!

Zero requirement human occupation

#### Project ID

The Automatic and Telemetric rainfall network, aims to fully and accurately record the intensity of rainfall and its duration at selected critical points within the area of responsibility of EYDAP.

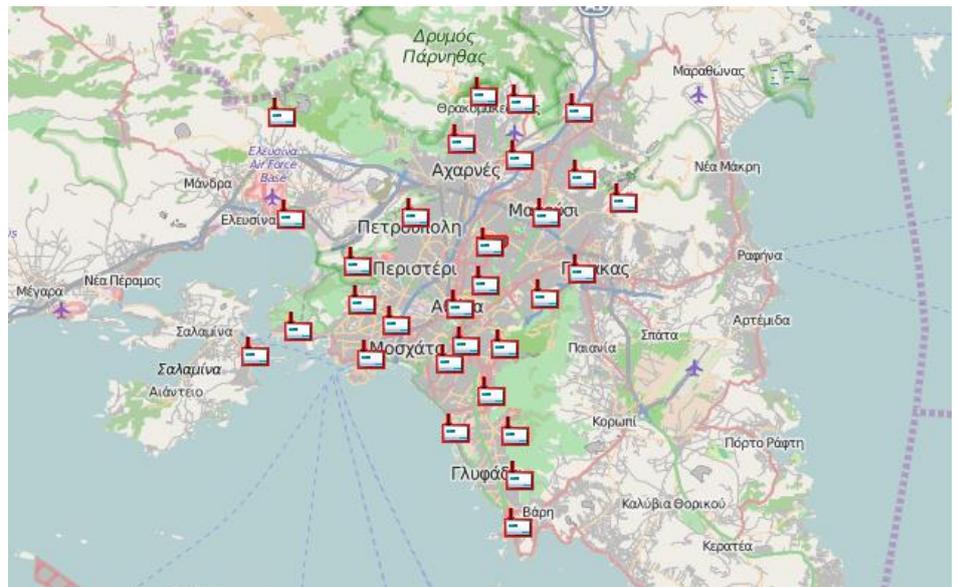
The objectives of the project include the use of data provided by the system in order to evaluate the effect of rainfall in the functioning of existing sewer pipeline (parasitic inputs).

The network is managed by the Sewerage network Directorate.

#### Distribution of measuring stations

Installed 30 sophisticated telemetric stations in the region of Athens.

In parallel installed and became operational Data Download Center and Data Processing Software.



#### Communication and accessibility

The network is based on telemetric data transfer via mobile network (GSM/GPRS)

Through modern techniques the network ensures maximum communication availability while guaranteeing 100% of the measurements completeness

Access to measurements via local LAN-internet networking and according the administrator's safety rules

Particular emphasis has been given to the security of data during both the design and the implementation stages



- ## Measured Parameters
- ❖ Rain Quantity
  - ❖ Rain Intensity
  - ❖ Start and end of the rain events
  - ❖ Duration of each rain event
  - ❖ Total rain duration in daily interval
  - ❖ Total rain duration in Monthly interval

### Telemetry Unit



### Rain Gauge



### Solar Panel



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