

### Project Identity:

Supply, installation, and configuration of two (2) Meteorological Stations within the framework of the project titled "High throughput real-time monitoring and prediction of fruit cracking by utilizing and upscaling sensing and digital data technologies" with the acronym CrackSense. The project involves the Natural Resources Management & Agricultural Engineering University of Athens as a partner and is implemented as part of the HORIZON 2020 Action

### Summary:

**Type** : 2 meteorological stations

**Region** : Kiato, Corinthia,  
Argoliko, Argolida

**When** : November 2023

### Manager:

*The Department of Natural Resources  
Management & Agricultural Engineering  
Agricultural University of Athens*

### Important!

High precision in all parameters.







### Important!

Extremely low maintenance requirements.



### Parameters

-  Air Temperature
-  Air Humidity
-  Wind Speed
-  Barometric Pressure
-  Total Solar Radiation
-  Precipitation

-  Data transmission occurs through mobile telephony four times per 24 hours, with recordings made every 30 minutes.
-  Measurements are automatically transferred to an online platform (cloud).
-  The system is expandable and can accommodate additional sensors.
-  The station is of a compact design.
-  Extremely low energy consumption, autonomy through a Photovoltaic system.
-  Requires minimal maintenance.

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