

# AGRO-METEOROLOGY

QUALITY THROUGH INNOVATION AND DESIGN

March 2017



Energy, Water, Environment.  
Global Sustainable Solutions.

## 02 Agro-Meteorology – AgroMET System



*METEODATA / HIDRODATA - 3000CP*

Our Automatic Agro-Meteorological Stations and Networks can be configured according to any requirement for the measurement of all agro-meteorological parameters, such as: precipitation, air temperature, relative humidity, dew point, atmospheric pressure, wind speed and direction, solar radiation, evapotranspiration, leaf wetness, soil temperature and soil humidity, etc.

ENE A Grupo® offers specific sensors for the measurement of all the agro-meteorological parameters. These sensors are connected directly to our data logger and data transmission unit Model METEODATA-2000/3000, which stores all the information

and transmit data in real-time via GPRS/3G cellular Network, when a suitable GPRS/3G coverage is available at the remote site.

Alternatively data is transmitted via Radio Link Point-toPoint or Point-to-Multipoint, or through Satellite networks like INMARSAT BGAN, INSAT, VSAT, IRIDIUM, etc., allowing also mixed solutions.



Our advanced and tested Software Package installed at the Data Receiving Center (DRC) is ready to manage all the communications of any number of remote measuring stations of a complex network, as well as fully remote programming and data transmission, generating a database in SQL for subsequent analysis and additional data processing.

By our WEBTRANS Ubiquitas Internet Platform (WEB Posting Application), the users have access via Internet to all graphical and numerical information transmitted by the remote stations to the Server, and updated at programmable intervals from 1 to 60 minutes. Additionally, it is always possible to interrogate directly the remote stations at any moment, as well as to request real-time data.



**PTHR-4000 Multisensor**

- . Atmospheric Pressure
- . Ambient Temperature
- . Relative Humidity
- . Solar Radiation
- . Dew Point (calculated)



**PTH-4000 Multisensor**

- . Atmospheric Pressure
- . Ambient Temperature
- . Relative Humidity
- . Dew Point (calculated)

