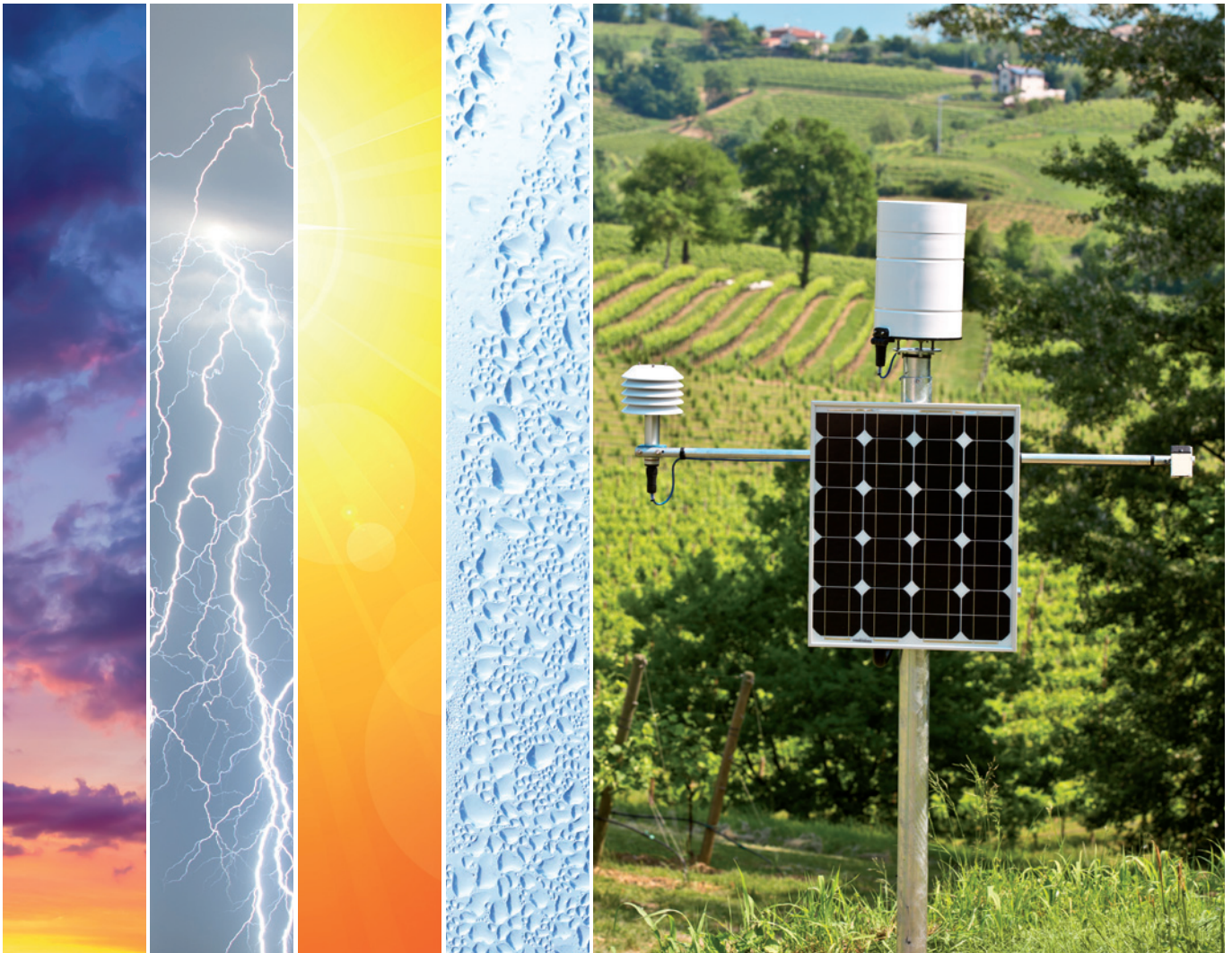




## **PROFESSIONAL AGRO-METEOROLOGICAL MONITORING STATIONS**

TO OPTIMIZE PLANT'S MEDICAL TREATMENT, PROTECTION AND IRRIGATION





# PROFESSIONAL AGRO-METEOROLOGICAL MONITORING STATIONS

TO OPTIMIZE PLANT'S MEDICAL TREATMENT, PROTECTION AND IRRIGATION

Professional stations comply with the WMO (World Meteorological Organization) directives, to monitor weather conditions in all its variants including agricultural and meteorology, which provides specific measures and algorithms for forecasting and to preventing plant diseases. The sensors are installed, according to WMO, at 2m or 10m on a pole or trellis, structures calculated to withstand winds up to 75 m/s (hurricane Cat.5 - Saffir-Simpson). They can accommodate different kinds of sensors and transmit data via cable, radio, TV. Already configured and arranged for the acquisition and processing of data and open to any subsequent implementation.

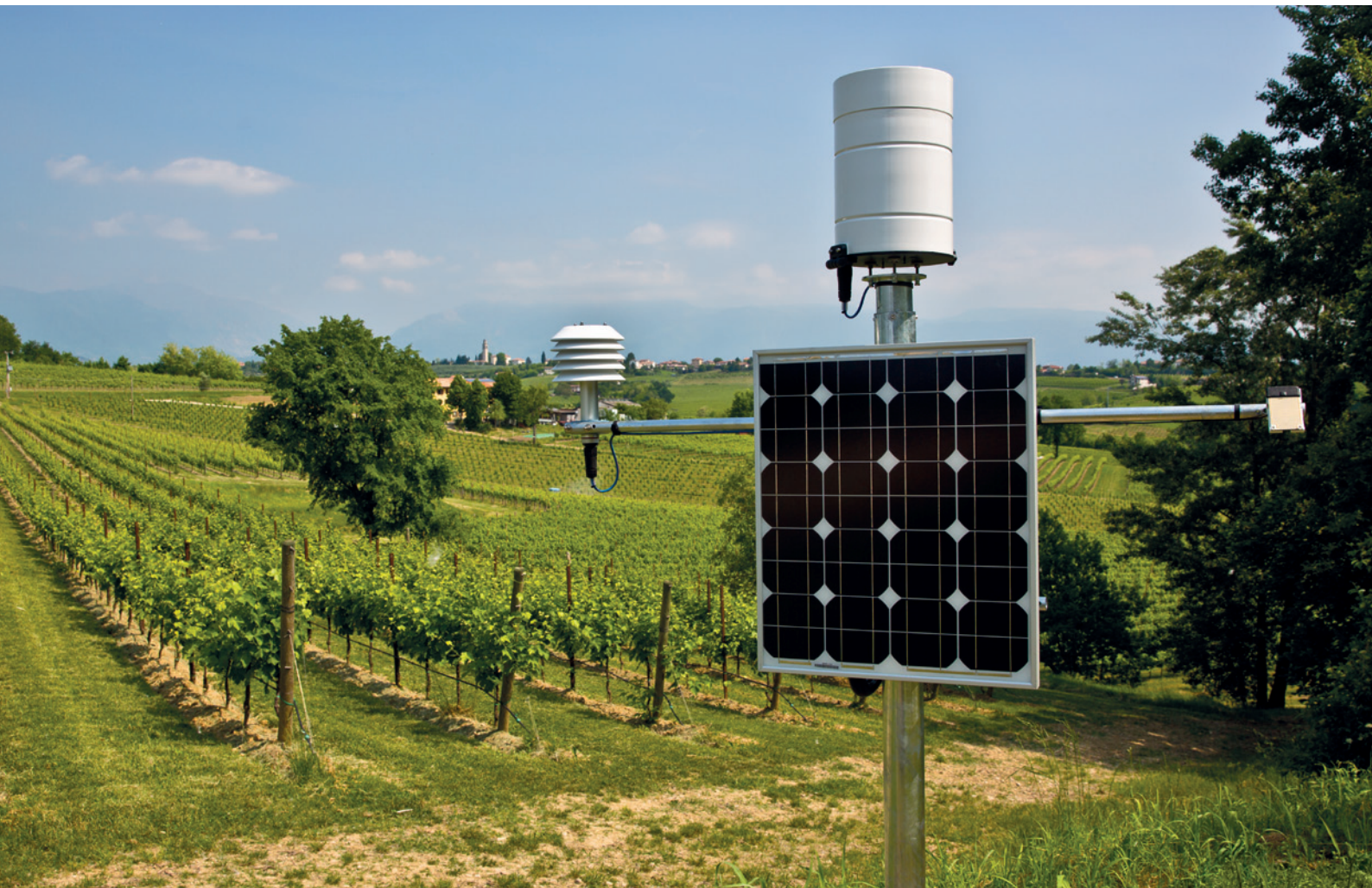
## SUGGESTED PRODUCTS

- WMO standard meteo sensors (temperature, humidity, pressure, wind gauges, rain gauges, temperature and soil moisture, solar radiation, leaf wetness, etc.)
- Datalogger TMF serie, complete with power system from solar panels or primary
- Connecting cables and software
- System for remote data transmission via GPRS, radio, satellite etc. (on request)
- Support structures: poles or lattices at different heights and different resistance classification

## STANDARD SERVICES

- Management of data traffic from operator
- Archiving service and publishing data on web
- ACCREDIA Certification (ISO 17025)
- Calculation of specific measures (evapotranspiration, sunshine duration, Dew Point etc.)





## IN AGREEMENT TO WMO AND TO THE EUROPEAN DIRECTIVE 2009/128/EC

- **REAL TIME DATA VISUALIZATION**

Acquisition processing and display of environmental parameters

- **SOLUTIONS DESIGNED TO SUPPORT THE TREATMENT ON PLANT HEALTH**

The characterization of the train passes through the identification of the site and the type of measures to be acquired

- **MAXIMIZATION COST/BENEFIT FOR TARGETED TREATMENTS**

Customized solutions and performance for creating monitoring networks

- **DATA CAN BE INTEGRATED WITH THE MOST POPULAR DISEASES AND FORECASTING SOFTWARE**

Open systems with data that can be used with all major algorithms for forecasting

- **NESA' MONITORING SYSTEMS USED SUCCESSFULLY IN ITALY AND ABROAD**

Over 60 countries worldwide have already chosen our professional solutions



Used by research institutes, universities, consortia in Italy and abroad, the agro-meteorological monitoring systems by NESA were also chosen by the "Consortium Conegliano Valdobbiadene Prosecco Superiore" that has used these stations as the main network for the control of their environmental data on Prosecco's lands.



# WE DESIGN, PRODUCE AND INSTALL THE BEST ENVIRONMENTAL MONITORING SYSTEM



If you look for the best systems for environmental monitoring and the most advanced technologies for remote monitoring, Nesa srl It is the right professional and skilled partner for you. Come with your needs for the detection and/or environmental controls, we will offer the best of technological innovation, high performance and a punctual and qualified service, with a large and specific expertise.

## GUARANTEE SECURITY IN ALL CASES

We design, manufacture, install integrated solutions for the environmental monitoring and remote control in order to guarantee, in all circumstances, the highest level of safety for people and the environment.

The high quality standards, which is required by security, is made possible by specialization and technical capacity of the staff really up to the task.

Even the ongoing collaboration with the scientific world (CNR, research centers), with large industries and institutions, as well as the important certifications obtained, are a further and qualified value-added to Nesa' solutions.

## AREAS OF INTERVENTION:

- Eolic
- Photovoltaic
- Meteorological and Agrometeorological
- Hydrological
- Water quality
- Landfill, recycling and waste disposal facilities
- Geotechnical (caves, buildings, landslides)
- Wireless (microclimate, museums, archeology)
- Industrial controls
- Roads
- Air and Gas
- Aeronautic

More detailed information on our web site  
**[www.nesasrl.eu](http://www.nesasrl.eu)**

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