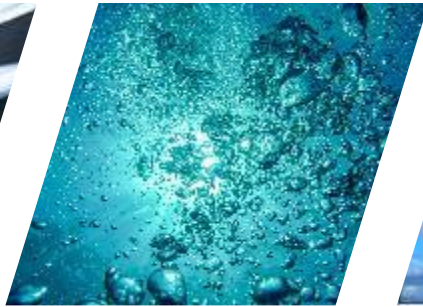


SIAP+MICROS

Environmental Monitoring Solutions
Since 1925



Soluzioni per il monitoraggio ambientale

Adriano Fedi
Sales Account



Provide complete solutions in the field of environmental monitoring, a sector in which technological innovation and customized solutions come together for the development of complex projects intended for specialized and demanding users.



1925



1976



2003



2018



SIAP+MICROS was born in **2003**, from the merger of SIAP of Bologna founded in 1925 with MICROS of San Fior (TV) founded in 1976.

In **2018**, ownership of the company was sold by the TEI group and acquired by two international companies, the French EREN Group with 51% and the San Lien Group based in Taiwan with 49%.





Meteorology



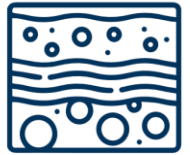
Hydrology



Oceanography



Remote Control



Geology

The solutions designed by SIAP+MICROS are intended to

solve monitoring needs in different environmental matrices

considered individually or in more complex projects.







Pakistan Water & Power
Development Authority



Bangladesh Department of
Agricultural Extension



Bangladesh Meteorological
Department



UNDP for Guinea Conakry



Niger Ministry of Transport



Ethiopia Ministry of Water,
Irrigation
and Electricity



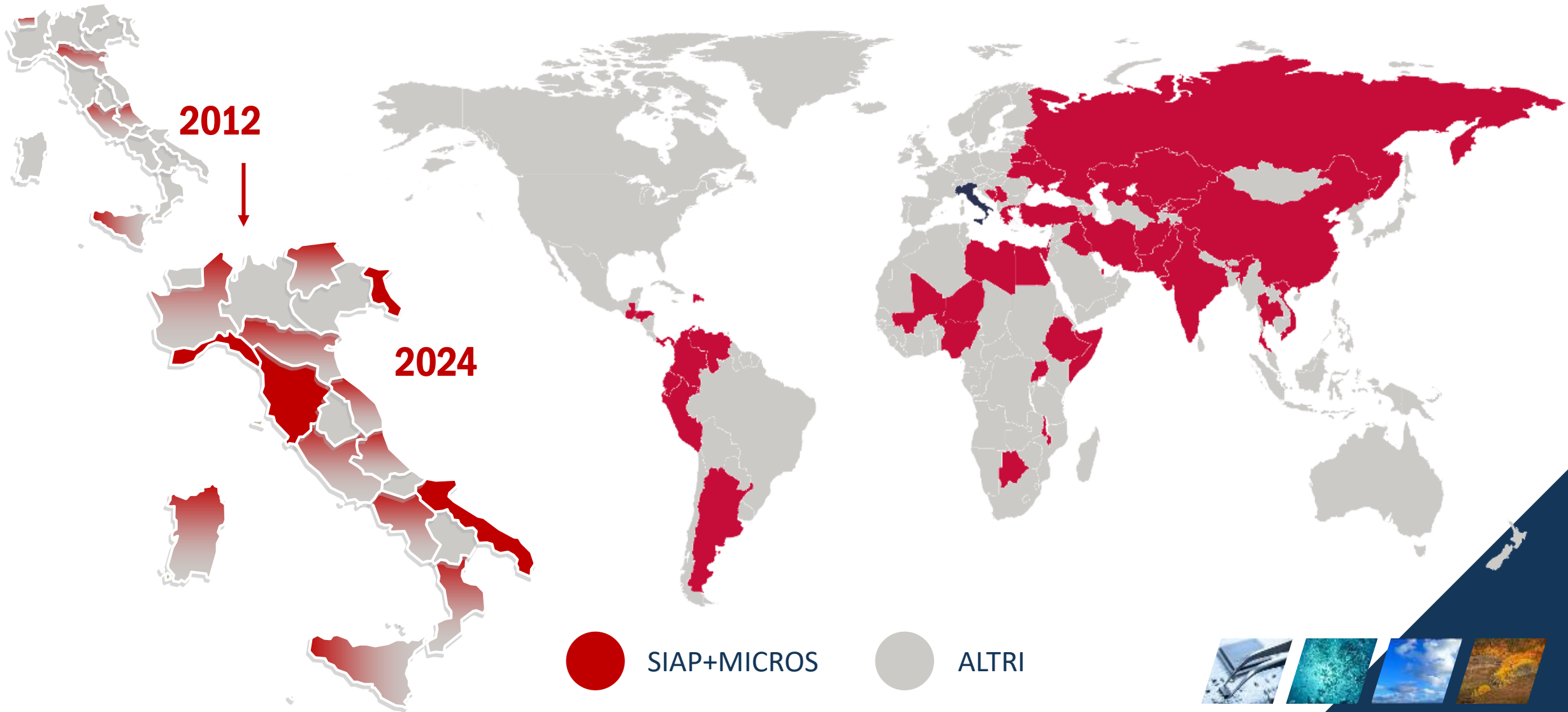
Kyrgyz Republic Agency
for Hydrometeorology






Colombia Fondo Adaptacion-Ideam



A CONSTANT GROWTH





-  Wide and complete catalogue for HW and SW
-  System Integration aimed at satisfying the most complex requirements
-  Modular and scalable Services covering all possible aspects of a project



CONTEMPORARY PROBLEM

Measuring **air temperature** is crucial for understanding climate change and its impacts on ecosystems. This fundamental parameter allows us to monitor long-term global warming trends, assess the health of natural habitats, and develop effective mitigation strategies.

HOW TO DO
IT BETTER
THAN TODAY?

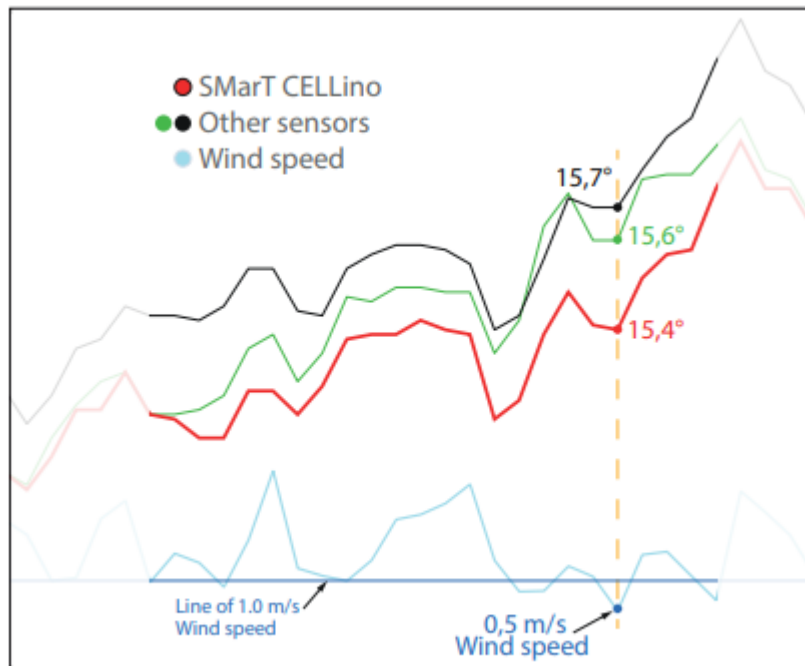


SMarT CELLino

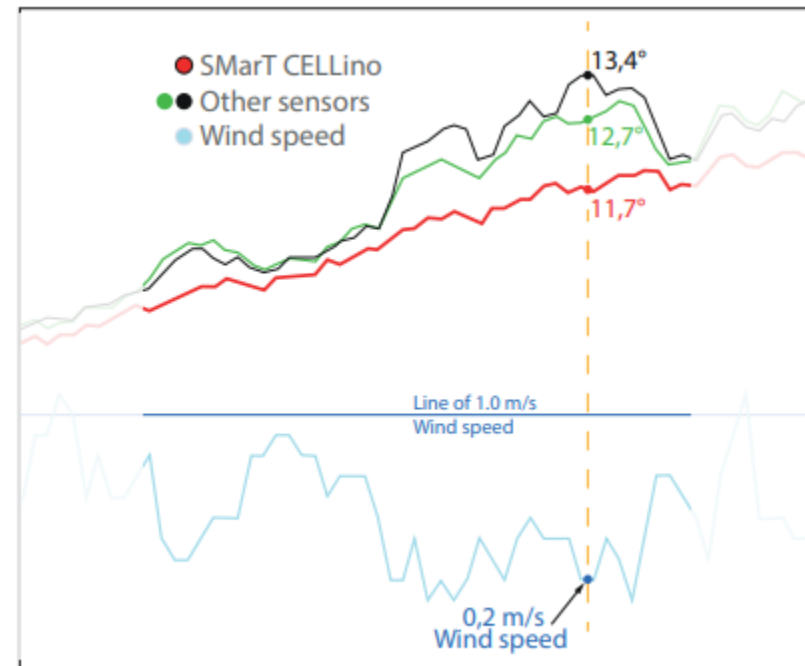
The **SMarT CELLino professional solar screen** is the result of 100 years of experience in achieving the best performances indicated by the WMO (guideline n°8 Annex 1.A) in measuring air temperature, obtained by preserving the sensitive element as much as possible (thermometer) from interferences (errors) connected to solar radiation and ensuring perfect natural ventilation.



We compared SMarT CELLino with the international reference products, measuring excellent results in terms of protection from radiation and adequate air flow to the measurement chamber. In the worst conditions (strong radiation, wind speed < 1m/s) **SMarT CELLino** showed excellent results, thanks to the patented idea of an “S-wing” structure of its plates.



Excellent reactivity even for high temperature gradients



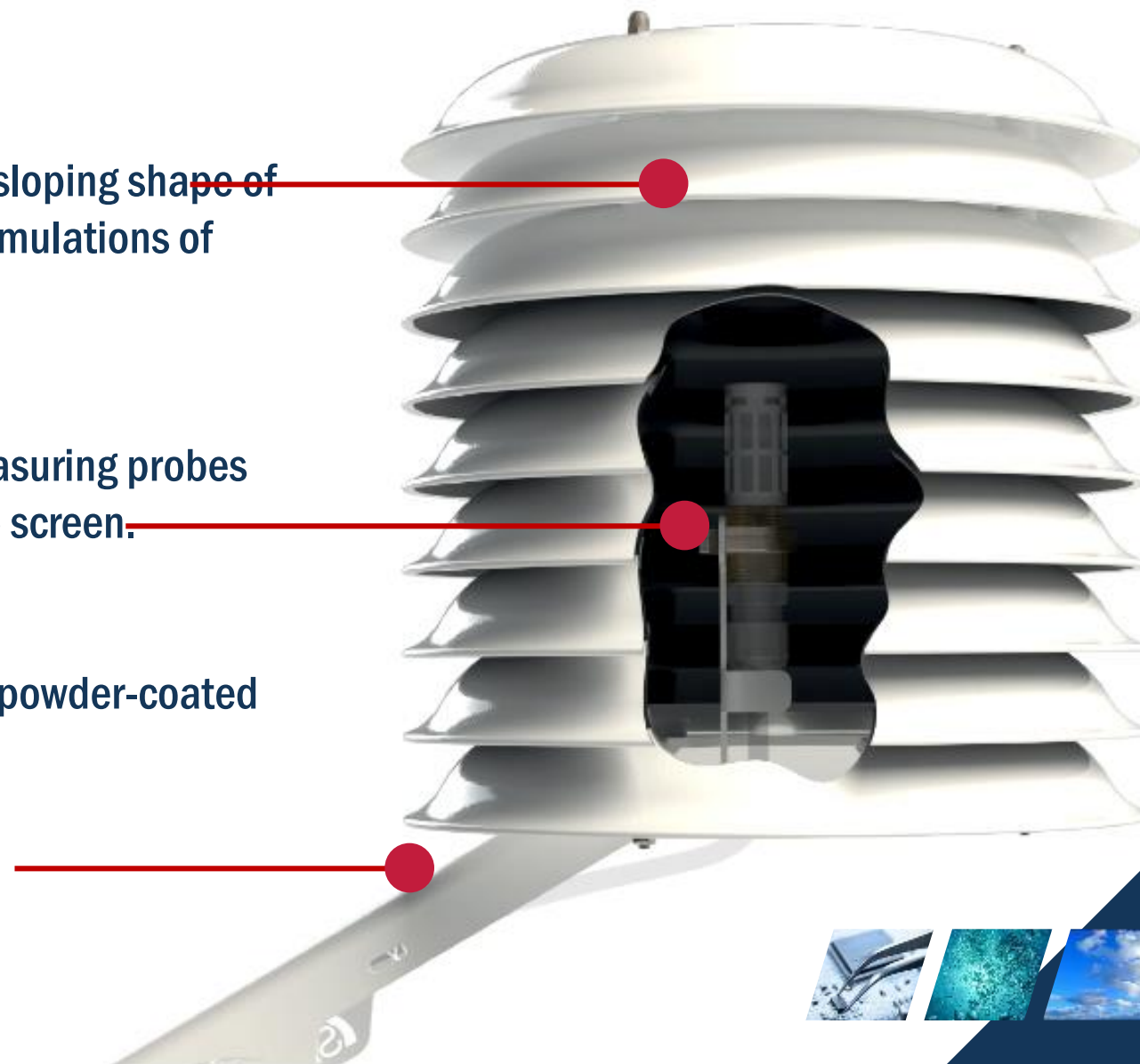
With wind lower than 1 m/S SMarT CELLino guarantees more accurate measurements



SMarT CELLino is made in UV-resistant ASA, the sloping shape of the plate avoids alterations in size linked to accumulations of snow and dust on their perimeter.

It allows the correct positioning of cylindrical measuring probes with a diameter between 5 and 25 mm inside the screen.

The OEM version of the shield is equipped with a powder-coated stainless steel bracket





Scientific Approach

For SMarT CELLino, as well as for any S+M product, **experience and know-how** allow us to propose up-to-date solution responding to our clients' requirements

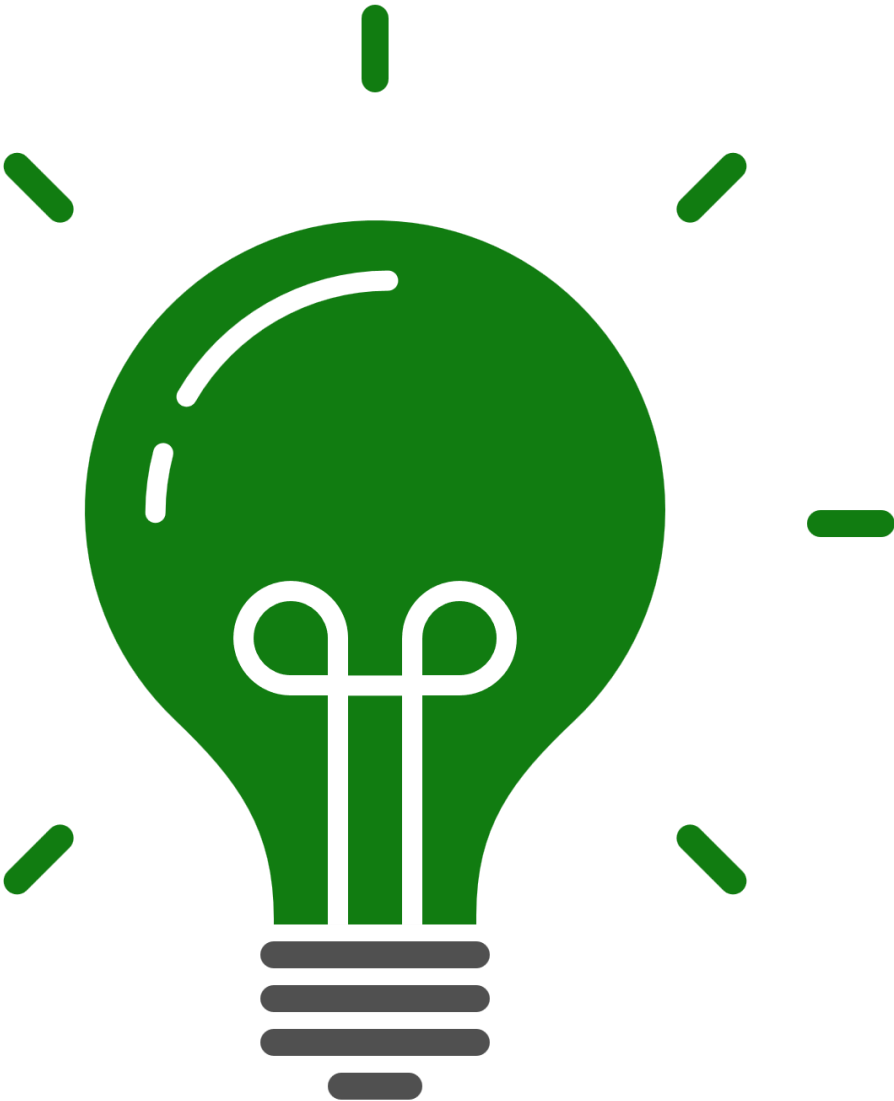




Advanced Cooperation Capacity

We collaborated with experts to create the first prototypes and arrive at the final result, through countless field comparison tests and fluid dynamics studies.





Internal skills

A complete and skilled S+M team worked jointly to resolve every aspect that arose during all the phases that led to the final design of SMarT CELLino.



**SMarT CELLino can be surely seen
as the new reference screen for
air temperature and humidity
measurements**



Thanks for your kind attention

Visit www.siapmicro.com