

# ANTENNA MAKES THE DIFFERENCE



CE.R.CA.: Center for Research CAlearo  
MAGISTER ANTEMNAE

More than 60 years for connectivity.  
60th anniversary logo merged together  
number 60 and the infinity symbol.  
Experience and the future ambition.



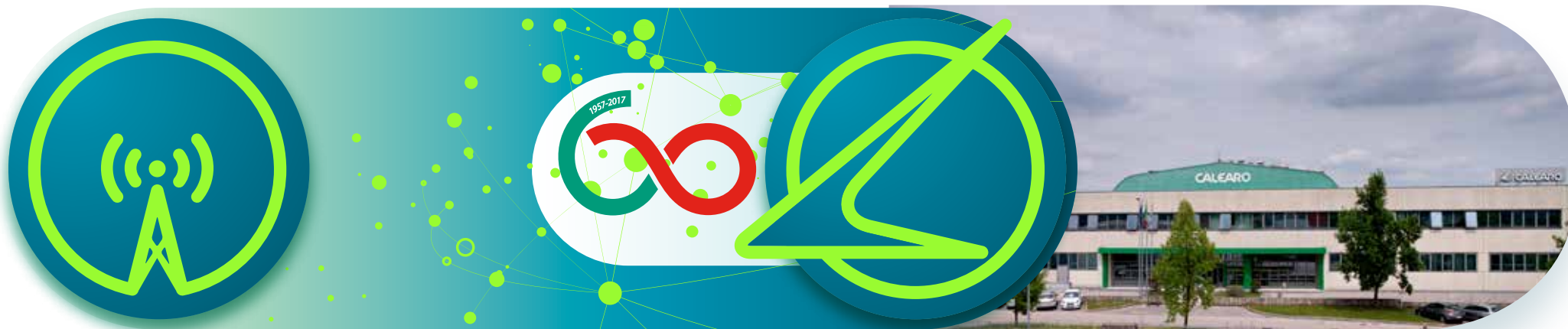
**ENERGY PLANTS**



**TRANSPORT**



**BUILDINGS**



We are ready to get through the new routes that await us, to explore the new fields of action and to unveil the new challenges to be won, using all our experience and effort, with the commitment that distinguishes us. We aim to be involved with excellent and customized technological solutions wherever the antenna is the major component. We react quickly to every challenge the new market conditions and the modern social life may require.



**ELECTRICITY POWER PLANTS**



**DATA CENTERS**



**INDUSTRY**



Calearo Antenne has been active in the connectivity field for more than 60 years. Our story began in the automotive sector, where we operated for decades working side by side with the main European automakers.

We are now present in different markets, where we provide the same high-quality products, that are projected, designed and manufactured in Italy, as well as ad hoc solutions delivered with a tailor-made, flexible approach.

5G wireless connectivity is boosting the smart society. 5G, together with Smart Meters, are two of the main enabling factors for the "smartification" of energy networks, enabling a stable and ultrafast connection between all components of the system.

5G Antenna for smart metering is the element that creates the connection bridges in the smart metering network. Calearo's 5G smart metering antenna is sturdy and cost effective, providing a reliable, fast, and low latency connection.

Tell us what you need.

We at Calearo Antenna can boast more than sixty years of experience in antenna design and production, working side by side with our customers, developing several customized solutions.

**WE WILL BE READY  
TO OFFER YOU THE SOLUTION  
TAILORED JUST ON YOUR REQUIREMENTS**



Due to our long lasting experience and our continuous respect for the most demanding quality standards, we may entitle ourselves MAGISTER ANTEMNAE: The Masters of Antennas.

## FOR ANTENNA CALEARO LONG DURATION IS A MUST

Low power often means long duration, and this is also true for antennas. Our antennas can boast with a very low energy consumption, that helps to maintain their high endurance and great performance.

Low power consumption extends the duration of antenna, decreasing the costs of the maintenance and increasing duration of the life cycle of smart metering equipment.

## CUSTOMIZED SERVICE FROM DESIGNING AND TESTING TO MASS PRODUCTION

The evolution of the communications technologies and the need to be connected anytime and anywhere, changed the key role of the antenna.

Nowadays the new antenna systems are determinant for the rising connectivity standards.

Thanks to our flexibility, we are quick to react to every challenge that the fast-evolving smart society may require.

This thanks to CER.CA.: Center for Research of CAlearo.

**HIGH EFFICIENCY:**

lower power consumption

longer operating life

reduced operational costs



**MULTIBAND SUPPORT:**

meets multi-country standards

multi-frequency band support

custom-built antenna solution

performance optimization

suitable and optimized  
for different surfaces and areas

**CONNECTION RELIABILITY:**

reliable connection

low latency

service proficiency



SMART HOME



SMART CARE



WASTE  
MANAGEMENT



SMART  
IT & COMMUNICATIONS



SMART MOBILITY



SMART ENERGY



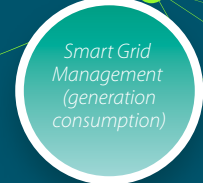
SMART  
BUILDINGS



SMART EDUCATION



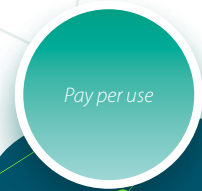
Smart Grid  
Performance  
Management  
Alarm and  
Statistic



Smart Grid  
Management  
(generation  
consumption)



Smart  
Metering



Pay per use



Billing



Preventive  
Maintenance



Lighting



Energy  
Optimization

# CALEARO ANTENNA CREATES THE BRIDGES



Antenna is a key service enabler of smart grid, it is also a key element of metering, making the transmission of collected and processed data information accurate, reliable, and in-time.

