



the  
**Passive  
Cooling**

ZERO  
POWER  
→ INFINITE  
EFFICIENCY

ENERGY CLASS

A

B

C

D

## ENGINEERING THE ENERGY SAVING

We are focused on the design and production of equipment housings providing low or zero energy consumption in different industrial sectors.

These are the advantages:

**MAINTENANCE FREE**

**ZERO OR REDUCED ENERGY CONSUMPTION**

**REDUCED ENVIRONMENTAL IMPACT**

**FULL TIGHTNESS**

# OUR SOLUTIONS FOR ANY PROJECT NEEDS

## Telecommunication and the passive cooling.

**Significant technological innovations** involve the Telecommunication sector: not only the miniaturization of electronic equipment but also the housing requirements (vandalism, seal, maintenance, energy saving, and so on) must follow new parameters.

Each housing solution has to be specific and innovative, from small cabinets installed in urban areas, to the complex passive remote desert ones, as proved by Celantel patents.

 **For details visit**  
[www.celantel.com/telecommunications](http://www.celantel.com/telecommunications)



## Oil & Gas and the passive cooling.

Oil & Gas networks are located in inaccessible and harsh areas, thus requiring a periodic maintenance, and, so, the energy consumption must be reduced to zero or at least minimized.

Based on the above, the only suitable solution is the passive conditioning.

 **For details visit**  
[www.celantel.com/oil-gas](http://www.celantel.com/oil-gas)



## Highways and the passive cooling.

For stations powered only by renewable energy sources i.e. wind and solar, the study of a specific energy saving formulation is required.

Celantel passive device, together with the buried equipment module, can ensure both thermal control and other important design requirements: tightness, durability, simple and rapid access for inspection and overlapping of heavy vehicles.

 **For details visit**  
[www.celantel.com/highways](http://www.celantel.com/highways)



# OUR SOLUTIONS FOR ANY PROJECT NEEDS

## Railways and the passive cooling .

Up to the present, equipment housings for railways projects have always been such to protect from the environment while the maintenance, energy and other aspects were not considered relevant.

Design requirements and performance of this kind of infrastructures have become critical elements to solve energy saving and periodic maintenance problems.

Moreover, the passive solution gives further advantages to GSMR and remote signaling stations, being them along the line and sometimes not easily reachable by road, with clear effects on maintenance.

 For details visit [www.celantel.com/railways](http://www.celantel.com/railways)



## Energy and the passive cooling.

In the Energy sector, where the power and consumption involved are significantly high, the most suitable housing solution is the active air conditioning or ventilated one.

A new interesting application is that of the Energy Storage Systems: batteries housed in a cabinet where the need of air conditioning can be easily satisfied when passively cooled, thus leading to zero the power consumption and minimizing the maintenance.

 For details visit [www.celantel.com/energy](http://www.celantel.com/energy)

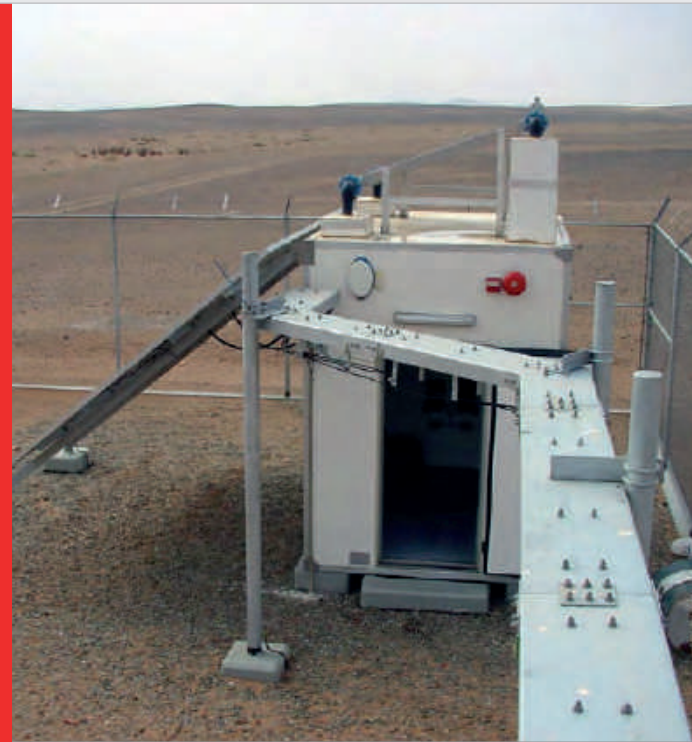


## Borders control and the passive cooling.

From almost two decades, hundreds of units have been proving that the passive technology is the most suitable approach for Military Authorities & MOI, as this ensures an almost complete lack of maintenance and high operational reliability.

The above application involves, in particular, TETRA project, designed to monitor the territorial borders.

 For details visit [www.celantel.com/boundary-check](http://www.celantel.com/boundary-check)



# OUR SOLUTIONS FOR ANY PROJECT NEEDS



## From experience to commitment.

The receipt of an order involves the transfer of our entire assets and also a further effort towards new project formulations.



## Energy saving.

Energy-saving goal moves our talent to face any customer request up to an innovative design.



## Testing, control and certification.

It is considered crucial and unavoidable to meet the requirements of the products.  
Celantel is also certified according to UNI EN ISO 9001:2015 international standard.



## Detailed engineering: our strength.

In the process from the design to the execution it is necessary to suitably combine every single detail including any change it may arise and this is what we do.



## Less failures, more trust.

Energy saving engineering leads to simpler and cheaper solutions even for really complex projects.



## Design and EPC.

Celantel overall approach to invention gives to each EPC a first contribution through its unconventional supplies.

Tell us what your project needs are,  
we will give you the most suitable solution.



AZIENDA CERTIFICATA ISO 9001:2015



LEADING-EDGE-EQUIPMENT HOUSING

### Celant.Tel s.r.l.

Via Francesco Vigo Pellizzari, 28  
20871 Vimercate (MB) - Italy

Tel. +39 039 608 42 17

Fax +39 039 212 4034

E-mail: [Info@celantel.com](mailto:Info@celantel.com)

[www.celantel.com](http://www.celantel.com)

