

**1** FIRST ITALIAN  
COMPANY TO USE  
LIQUID METHANE  
POWERED VEHICLES  


# **LC3** revolutionising **controlled temperature transport.**

THE FIRST LC3 NITROGEN REFRIGERATED TRAILER

# REVOLUTION $N_2$



# ZERO EMISSIONS ZERO NOISE

Using liquid nitrogen for trailer cooling is an efficient, silent, safe and easy to use solution, ensuring zero environmental pollutant and noise emissions.

The refrigerating power of liquid nitrogen is much higher compared to traditional systems, significantly shortening the time it takes to reach operating temperature, ensuring seamless cold chain continuity.



## ADVANTAGES

- reduced noise levels, enabling operation during times which would otherwise be forbidden, in city centres
- savings of high environmental impact fuel
- faster in reaching operating temperature
- greater efficiency for cold chain continuity
- significantly lighter, translating into economic advantage and greater load capacity
- significant increase in load compartment capacity
- rapid and uniform cooling along the entire length of the load compartment

# EMISSIONS REDUCTION COMPARED TO EURO 6

## LNG TRUCK

**CO<sub>2</sub>**  
-22%\*

**NO<sub>x</sub>**  
-60%\*

**PM**  
-96%\*

**dB(A)**  
-5

## NITROGEN SEMITRAILER

**CO<sub>2</sub>**  
ZERO

**NO<sub>x</sub>**  
ZERO

**PM**  
ZERO

**dB(A)**  
ZERO\*\*

\* Source analysis WTW CNR IIA - 2021.

\*\* Zero outside and 45 dB(A) inside due to evaporators.





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