



Heavy vehicles

FINDING A SOLUTION

tallano
technologies

THE CHALLENGE

After focusing on the automotive and railway industries, we decided to integrate heavy vehicles into our research and development process.

Whether buses, coaches, light commercial vehicles (LCVs) or heavy goods vehicles (HGVs), when braking, heavy vehicles generate fine particles that are harmful to health and the environment, particularly in city centres.

The greater the weight of the vehicle, the greater the volume of fine particles emitted.

We created Tallano Technologies with the aim of contributing to meeting three major challenges.

A technological challenge:

how to significantly improve air quality and reduce the emission of fine particles?

A health challenge:

how to contribute to reducing the number of premature deaths due to air pollution?

A sustainable mobility challenge:

how to make the transport of people and goods greener in modern town and city centres?

THE SOLUTION

In response, we have designed TAMIC®, a breakthrough innovation consisting of specific brake linings and a control, suction and filtration system **that captures fine particles at the source, thus preventing them from being dispersed into the air.**

Our product is universal. It is available for trucks, buses, waste collection and transport trucks and delivery trucks dedicated to last mile logistics.

More than **90%**

is the percentage of fine particle reduction achieved by the use of TAMIC®.



THE RESULTS AND REFERENCES OBTAINED

In November 2021, at the Solutrans trade fair dedicated to the players in the industrial and urban vehicle sector, we presented, alongside Lecapitaine, a subsidiary of the Petit Forestier group, the specialist in the rental of refrigerated vehicles, our first adaptation of the TAMIC® LCV (Light Commercial Vehicle).

We are also developing collaborations with equipment manufacturers.

In July 2022, the city of Paris asked us to equip a refuse truck with our product on a test basis.