

PRESS RELEASE

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Tallano Technologies and Nabtesco accelerate clean technology for Japan railway market



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Nabtesco and Tallano Team at Innotrans 2024

Tallano Technologies, a French clean-tech company focused on reducing particulate matter emitted by vehicle braking, and Nabtesco, a leading Japanese railway braking systems manufacturer, have reached a new milestone in their partnership.

Since 2023, the two companies have been working together to test, Tallano's technology **TAMIC®**, designed to **capture over 70% of the fine particles** emitted during braking, thus improving air quality, particularly in closed environments like underground stations. With environmental regulations tightening worldwide and growing focus on sustainable urban mobility, TAMIC® offers a step forward toward a healthier urban environment.

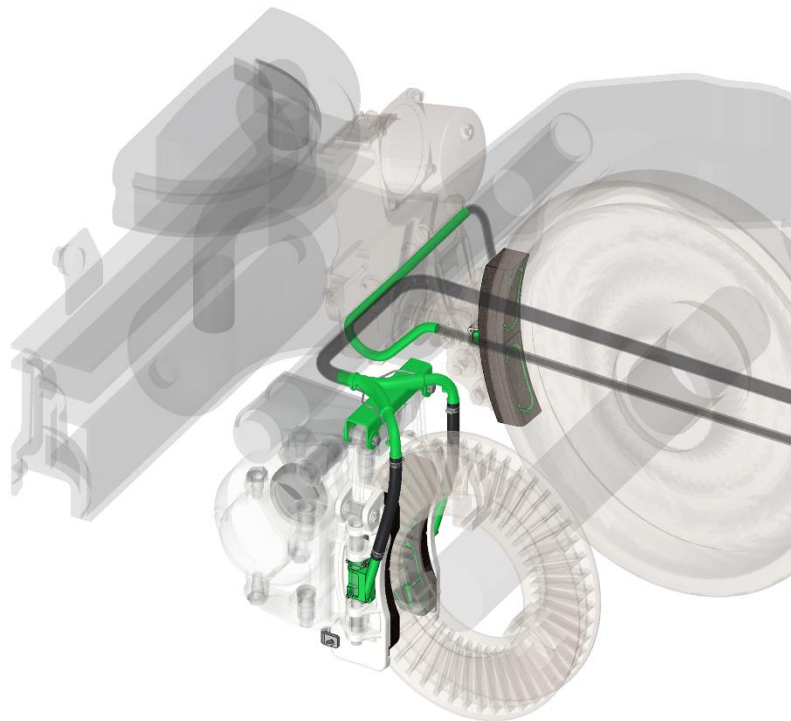
After a year of joint development bench tests were conducted in late 2024 using Nabtesco-manufactured braking systems, validating the system's effectiveness.

Tallano and Nabtesco are now preparing the next phase: equipment in real-world conditions of trains in Japan, in partnership with local railway operators. The goal is to prepare for full-scale deployment in the coming years.

"Tallano Technologies brings more than 10 years of Research & Development to enable cleaner air in cities worldwide. Japan is a global leader in rail technology, working with Nabtesco is a key step for us to bring our solutions to new markets and help reduce transport environmental impact worldwide," said Jean-Louis Juchault, CEO of Tallano Technologies.

According to global studies, efforts leading to a better air quality improve citizens' health, increases life expectancy, and has a positive tangible effect on the economy— making this solution particularly timely.

This collaboration is part of Tallano's global strategy to expand the use of TAMIC® and contribute to more sustainable and healthier cities around the world.



TAMIC® system for rail

About Tallano Technologies:

Founded in 2012, Tallano Technologies is a pioneer in the capture of braking particulate matter. Its technology TAMIC® captures particulate matter emitted by braking systems on road vehicles (cars, buses, trucks) and rail systems (trains, subways, trams, etc.). The company is part of the French Tech 2030 program and is backed by investors including Mirova, Bpifrance, Veolia, and the Paris Region Venture Fund.

Tallano's technology is protected by over 51 patents in 12 countries, making it one of the key players in the global effort to tackle this major environmental issue.

Learn more at: <https://www.tallano-technologies.com/>

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About Nabtesco:

Nabtesco Corporation is a leading Japanese industrial company that designs and manufactures high-precision control systems, with a strong presence in the railway sector. Its braking systems are used widely across Japan's train networks, including high-speed rail, subways, and commuter trains.

With a long-standing reputation for reliability and innovation, Nabtesco supports the development of safer and more efficient rail transportation. The company is also committed to sustainability and reducing environmental impact, aligning with global efforts to modernize public transport systems.

Learn more at: <https://www.nabtesco.com/en/>