

Héricourt, 20 December, 2021

## **GAUSSIN announces a partnership with Terminal du Grand Ouest (TGO) to test the first hydrogen-powered heavy handling tractor in spring 2022**

**With a power of 230kW, the GAUSSIN APM H2 75T tractor will be able to tow 75T of goods and will consume about 10 kilos of hydrogen per day: a first on the national territory**

GAUSSIN (EURONEXT GROWTH ALGAU - FR0013495298), a pioneer in the clean and intelligent transport of goods and people, and Terminal du Grand Ouest (TGO), concessionaire and sole operator of the Montoir-based Multipurpose Cargo and Container Terminal (MCCT) near Saint-Nazaire, France, announce a partnership to test the first hydrogen-powered heavy handling tractor.

These full-scale tests will take place at the Montoir container terminal in spring 2022.



The GAUSSIN APM H2 75T, soon to be tested (spring 2022) at the Montoir container terminal

### **An action coordinated by the NEOPOLIA business network**

This partnership is part of the action led by the NEOPOLIA network of companies, which brings together 240 industrialists in the Pays de la Loire region, including TGO. NEOPOLIA aims to test in real conditions a hydrogen port tractor, used for container transport, while TGO has implemented a strong environmental policy and wishes to continue its approach by studying alternatives to NRD (Non-Road Diesel).

This action is part of the H2 Loire Vallée project, which aims to :

- Test a zero-emission port vehicle in real conditions
- Optimize its operation in an intensive and diversified logistic use
- Evaluate the reaction of users to a new product
- Invite neighboring port and industrial players to try it out, in order to raise awareness and act collectively
- To be the demonstration site of an innovation for a potential wider replicability on the CMA-CGM and Maritime-Kuhn groups, shareholders of TGO.

### **A national first, supported by the public authorities**

Gaussin is once again putting its technology at the service of an innovative and ambitious project. With a power of 230kW, its APM H2 75T tractor will be able to tow 75T of goods and will consume about 10 kilos of hydrogen per day. This performance is a first on the national territory.

The project has also received the support of the Pays de la Loire Regional Council and is part of the region's ambitious roadmap for 2030. More broadly, a major political issue is at stake, as the next challenge is to provide hydrogen supplies throughout the country.

### **A project in line with the announcements made at the Hyvolution show**

This project is also in line with the announcements made in October 2021 at the Hyvolution trade show, bringing together hydrogen players. Gaussin and TGO [spoke together](#), calling for the testing of a hydrogen-powered heavy handling tractor in a pioneering spirit shared by both partners.

The Hyvolution exhibition was an opportunity to confirm that hydrogen is a booming technology and that heavy handling equipment can benefit from it in an extremely promising way. The port and industrial areas of Saint-Nazaire, which are particularly well suited to the deployment of this energy vector, represent an ideal playground for developing this technology in real-life situations.



Olivier Hamelet (TGO) and Raphael Perey (Gaussin) at Hyvolution 2021 (ATM H2 38T in background)

*“Through this partnership with TGO, in coordination with the NEOPOLIA network, Gaussin once again demonstrates its pioneering spirit and determination to decarbonize logistics activities. Our mastery of hydrogen technology will enable us to tow 75 tons of goods while consuming about 10 kg of hydrogen per day, for the first time in France. We are proud to carry out this test with TGO in this*

region, which is emblematic of French port activities, and we look forward to rapidly deploying this technology on a large scale”, said **Christophe Gaussin**, CEO of **GAUSSIN**.

“It is with great pride that we will be testing the first French hydrogen port tractor from **GAUSSIN** at the Terminal du Grand Ouest (TGO) next spring. This cooperation, made possible thanks to the **NEOPOLIA** network, will allow us to respond to public health issues and to strengthen our position in the energy transition. Thus, we hope to actively contribute to the development of hydrogen in the Pays de la Loire region”, said **Olivier Hamelet**, Technical Director of TGO.

#### Upcoming event :

**Dakar 2022 in Saudi Arabia: 1 to 14 January 2022**

#### **About GAUSSIN**

GAUSSIN is an engineering company that designs, assembles and sells innovative products and services in the transport and logistics field. Its know-how encompasses cargo and passenger transport, autonomous technologies allowing for self-driving solutions such as Automotive Guided Vehicles, and the integration all types of batteries, electric and hydrogen fuel cells in particular. With more than 50,000 vehicles worldwide, GAUSSIN enjoys a strong reputation in four fast-expanding markets: port terminals, airports, logistics and people mobility. The group has developed strategic partnerships with major global players in order to accelerate its commercial penetration: Siemens Postal, Parcel & Airport Logistics in the airport field, Bolloré Ports and ST Engineering in ports and Bluebus for people mobility. GAUSSIN has broadened its business model with the signing of license agreements accelerating the diffusion of its technology throughout the world. The acquisition of METALLIANCE confirms the emergence of an international group present in all segments of intelligent and clean vehicles.

In October 2021, GAUSSIN won the Dubai World Challenge for Self-Driving Transport.

GAUSSIN has been listed on Euronext Growth in Paris since 2010.

More information on [www.gaussin.com](http://www.gaussin.com).



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**For more information on GAUSSIN, go to [www.gaussin.com](http://www.gaussin.com)**

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