

Héricourt, 16 October 2019 - 19:30

Gaussin wins the World Self-Driving Transport Vehicle Competition in Dubai with its new autonomous, 100 % electric bus:

Leader category

"Best Energy and Environmental Sustainability" prize



The "e-AB" bus has been developed in partnership with Bluebus, a subsidiary of the Bolloré Group

As the winner of the category, Gaussin received one million dollars

Gaussin Manugistique (Euronext Growth - FRFR0010342329) announces its success at the World Self-Driving Transport Vehicle Competition in the Leader Category - "Best Energy and Environmental Sustainability" prize in a competition organised by the Dubai Road Transport Authority (RTA), with its new autonomous, 100% electric bus, the "e-AB".

The vehicle was presented to smart mobility professionals as a world exclusive at the Dubai World Congress for Self-Driving Transport, an international autonomous transport congress that took place in Dubai on 15 October 16. Driverless and 100 % electric, the "e-AB" is intended for passenger transport for First Mile/Last Mile applications and in private "off-highway" settings.

Gaussin wins the World Self-Driving Transport Vehicle Competition in the Leader Category - "Best Energy and Environmental Sustainability" prize, worth \$1M

The congress brought together more than 500 exhibitors, speakers and world experts in the field of autonomous driving technologies to improve and accelerate the adoption of the technology worldwide and contribute to making Sheikh Mohammed bin Rashid al-Maktoum's vision a reality. The Vice President and Prime Minister of the United Arab Emirates wants, "25 % of all trips in Dubai to be smart and driverless by 2030."

The e-AB, Gaussin's new 100 % electric, autonomous bus, unveiled at the congress, won the "Best Energy and Environmental Sustainability" prize of the World Self-Driving Transport Competition, organised by the Dubai Road Transport Authority (RTA) on this occasion. The e-AB was chosen from among five finalists representing the world's elite in autonomous vehicles, selected following hundreds of stringent tests. The prize won by Gaussin comes with an award of one million dollars. The results were announced by His Excellency Matar al-Tayer, Chairman and Executive Director of Dubai RTA.

"e-AB", a high-performance, safe passenger mobility solution equipped with innovative LMP® batteries from Blue Solutions

- **The first fully electric bus suitable for extreme temperature conditions**

The e-AB uses the new Bluebus 6 mètres, 100 % electric, autonomous-ready platform developed by Bluebus, a subsidiary of the Bolloré Group. Bluebus and Gaussin signed a partnership agreement at the end of December (see press release, 21 December 2018) for the conversion of the Bluebus 6 mètres into an autonomous driverless bus.

The e-AB is equipped with LMP® (Lithium-Metal-Polymer) batteries, sold and produced by Blue Solutions in its factories in France and Canada. This "solid-state lithium battery", the only one of its kind in the world, effectively provides both a very high level of safety without thermal runaway and the ability to withstand high outside temperatures of up to 65°C without cooling. Its composition, free from cobalt and nickel, guarantees the independence of the technology with regard to a material that is increasingly critical on an environmental and social level.

The e-AB carries 90 kW/h of LMP® batteries and can transport up to 22 passengers. Energy consumption savings related to the absence of a cooling system for the LMP® batteries, the large capacity of the batteries and its passenger transport capacity, give the e-AB a real competitive advantage in terms of operating costs and, particularly, the cost of a passenger per kilometre. The vehicle can operate without a driver at speeds of up to 50 km/h.

The Autonomous Driving "AD" system combines Gaussin, Akka, BestMile, Geoflex and Iconiction technologies for fleet orchestration, tracking, obstacle management, route generation and various safety and infotainment aspects.

During this ambitious project led by Gaussin, Akka supported Gaussin in developing the autonomous system and managing software integration to the Gaussin Vehicle, the 100 % French autonomous vehicle presented at the Dubai World Congress for Self-Driving Transport.

Akka's support in the integration of the autonomous system demonstrates the Akka Group's expertise in engineering and integrating innovations with the aim of bringing solutions to car manufacturers who are now taking the challenges of the future smart city into consideration.

- **A high level of autonomous mobility experience**

In addition to the intrinsic performance of its platform, its batteries and its Autonomous Driving system, the e-AB stands out due to its quality and the finish of its interior equipment, ease of access for people with reduced mobility and the various "infotainment" features onboard.

Many materials and colours are available for the floors, seats, roofs and grab bars. Its adjustable very low ground clearance, combined with an automatic access ramp, makes the e-AB very easy to access.

Several screens and tablets are available onboard that allow passengers to interact with the bus or its associated services to choose a destination, receive practical customised information to improve the onboard experience and diversify revenue sources for the operator.



The high-end "Middle East" version is equipped with nine stitched leather seats, full Alcantara cladding, wooden parquet floors, a starry ceiling, two UHD LED screens and two touch-screen tablets.

Upcoming events

QITCOM trade show in Doha, 29 October to 1 November 2019
 SIA trade show in Belfort, 13 and 14 November 2019
 Industries of the Future trade show in Mulhouse, 19 and 20 November 2019

About Gaussin

Gaussin Manugistique® 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 of all types of batteries, electric and hydrogen fuel cells in particular. With more than 50,000 vehicles worldwide, Gaussin Manugistique® enjoys a strong reputation in four fast-expanding markets: port terminals, airports, logistics and people mobility. The group has formed strategic partnerships with major global players in order to accelerate its market penetration: Siemens Logistics in the airport field, Bolloré Ports and ST Engineering in ports and Bluebus for people mobility.

Gaussin Manugistique® has been listed on Euronext Growth in Paris since 2010.

More information on www.gaussin.com.

About Akka

As an international engineering and technology consulting group at the cutting edge of the digital connected world, Akka accelerates innovation for the world's largest industrial groups.

Akka's passion for technology is deeply rooted in its DNA and guided by a clear vision of the future. For 30 years, we have established ourselves as one of the world leaders in our field thanks to a balanced strategy that combines organic growth with targeted acquisitions.

The Akka offer

We are an innovation and performance accelerator for the world's largest industrial groups. By anticipating and responding to market developments, Akka acts as a catalyst for the innovation processes of its customers and improves time to market for their digital offers.

The Akka approach

Akka's unique positioning enables us to improve our customers' performance using our innovation, digitalisation and cross-sectoral expertise. Our knowledge covers the entire product lifecycle, from design through internal support to manufacturing, based on a set of specialised digital skills.

About Geoflex

Underpinned by its unique in-house and state of the art, Geoflex/CNES Technology provides interoperable corrections data streams optionally accompanied by development kits, for a better positioning by satellites, more accurate, precise and reliable, everywhere in the world, on the ground, on sea, and in the air.
<http://www.geoflex.fr/?lang=en>

About BestMile

Bestmile's vision is to make efficient and affordable transportation available to all. Bestmile's vision is to make efficient and affordable transportation available to all.

Bestmile's mission is to provide a mobility platform that allows operators to support multi-modal, multi-service offerings in a safe, accessible, efficient and lucrative manner by integrating autonomous vehicles in the existing transportation system with conventional vehicles.

About Iconiction

Based in Dubai, Iconiction is a leading company in the field of digital advertising for transport and shopper marketing. Iconiction helps brands successfully target and recruit audiences to generate in-store and online traffic. Iconiction can target smartphones at any mall or airport around the world.

Iconiction has an extremely diverse customer portfolio made up of large international and local companies in many industries such as advertising, hospitality, real estate, banking and insurance, luxury goods, perfumes and cosmetics, car manufacturing and government agencies.

For more information, please contact sebastien.marteau@iconiction.com or visit www.iconiction.com.

Contacts

GAUSSIN

Christophe Gaussin
invest@gaussin.com
+33(0)3.84.46.13.45

NewCap

Relations investisseurs & médias
Dusan Oresansky / Mathilde Bohin
gaussin@newcap.eu
+33(0)1.44.71.94.92



For more information about Gaussin, go to
www.gaussin.com

* This document may contain forward-looking information. Such forward-looking information refers to future prospects, developments and strategies of Gaussin Manugistique and is based on an analysis of expected future results and estimates of amounts that are not yet determinable to date. Forward-looking information naturally contains elements of risk and uncertainty relative to events and therefore dependent on circumstances which may or may not occur in the future. Gaussin Manugistique draws your attention to the fact that forward-looking information provides no guarantee concerning its future performance or financial situation, financial results or trends in the sector in which Gaussin Manugistique operates, and which may significantly differ from those proposed or suggested in the forward-looking statements contained in this presentation. Furthermore, even though the financial position of Gaussin Manugistique, its performance and trends in the sector in which Gaussin Manugistique operates comply with the forward-looking information contained in this presentation, such performance or trends may not be a reliable indication of the company's future performance or prospects. Gaussin Manugistique is not committed to updating or confirming analysts' expectations or estimates or to publicly correcting any information or event in order to reflect an event or circumstance eventually occurring following this presentation.