

Press release

Wireless charging for autonomous shuttle bus from NAVYA

Hamburg, 4. February 2021: INTIS GmbH, a specialist in wireless charging technology, has recently been given the opportunity to provide wireless charging technology for an autonomous shuttle bus.

“Combining wireless charging with autonomous driving is the ultimate challenge for wireless charging providers like INTIS” Ralf Effenberger, CEO of INTIS says.

The project will be realized as part of an INTERREG project named Kontaktlo(o)s. Project coordination is done by the Provincie Groningen, The Netherlands.

The autonomous shuttle bus from NAVYA, the leading player for the supply of autonomous driving systems, has recently been delivered by the Provincie Groningen to INTIS' Research and Development Centre in Lathen (Emsland). Wireless technology optimization for that use case is ongoing at INTIS and the implementation of vehicle-side components will start soon. The road-side parts of the wireless charger will be built in parallel.

“This is now the second time to equip an autonomous shuttle with our wireless charging technology. In comparison to the first project we now got the chance for making use of as much as possible vehicle sensor data for the wireless charger, especially for the positioning of the vehicle over the chargers road side transmitter coil. Close cooperation with NAVYA is a therefore a must”, Effenberger says.

When vehicle integration is completed, all equipment will be transferred to a test field in Groningen, and afterwards an extensive testing program will be executed. The project partners are looking forward to confirm wireless charging fitness of purpose for autonomous driving applications before the end of 2021.

Etienne Hermite, Chief Executive Officer of Navya says: *“We are delighted to be involved in this project. Navya and the Province of Groningen have been working together since 2018 and among other to implement an autonomous shuttle service at Scheemda Ommelander Hospital Groningen. The wireless charging solution delivered by Intis will bring a complementary and essential element to the autonomous driving technology to ensure a complete cycle of shuttle use without human intervention.*

About INTIS Integrated Infrastructure Solutions GmbH:

INTIS, a subsidiary company of IABG mbH, was founded in December 2011 with statutory seat in Hamburg. INTIS aims at the delivery of wireless charging solutions for the mobility sector, including industrial, maritime, road and micro-mobility applications.

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About NAVYA:

Navya is a leading French name in the autonomous driving systems. With 280 employees in France (Paris and Lyon) and in the United States (Michigan), Navya aims at becoming the leading player for the supply of autonomous driving systems for passenger and goods transport. Since 2015, Navya has been the first to market and put into service autonomous mobility solutions. The Autonom[®] Shuttle, main development axis, was launched in September 2015 and nearly 170 units have been sold as of 30 June 2020, notably in the United States, France, Germany, Switzerland, Japan and Australia. The Autonom[®] Tract is dedicated to goods transport. Created in 2014 with the support of Robolution Capital, investment fund managed by 360 Capital Partners, his reference shareholder, Navya's shareholders also include the Gravitation fund and Paris Region Venture Fund (Région Île-de-France) managed by Karista as well as Valeo and Keolis groups.

Navya is listed on the Euronext regulated market in Paris (ISIN code: FR0013018041- Navya).

For more information visit: www.navya.tech/en

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