



AWARD
Scaling autonomous logistics

Press Release

Revolutionizing Port Operations: AWARD Project's Landmark Achievement with Autonomous Terminal Tractor

Toulouse, 21 November 2023 - [A driverless terminal tractor jointly developed by EasyMile and Terberg Special Vehicles has been successfully used in the first roll-on/roll-off port operations at DFDS' terminal in Rotterdam \(Vlaardingen\), The Netherlands.](#) This marks a significant advancement in the field of autonomous vehicle technology and port operations.

Key Highlights:

- **The autonomous tractor**, a collaborative effort between EasyMile and Terberg Special Vehicles, **has demonstrated capabilities in various complex tasks like driverless trailer transfer, shunting, and autonomous driving on and off a ship, showcasing an evolutionary step in autonomous logistics.**
- The deployment underlines **the potential of such technology in enhancing efficiency, sustainability, and capacity in port operations**, marking a significant milestone within the AWARD H2020 project.
- A Fleet Management System (**FMS**) **developed by Applied Autonomy** enabled the fully automated and secure movement of the vehicle within and outside the port terminal, indicating a move towards fully automated process chains.
- **Statements from key stakeholders**, including Jean-Baptiste Blin of EasyMile and Remy de Bruijn of Terberg Special Vehicles, **emphasize the impact of this technology in improving port operations and cargo handling efficiency.**

This achievement by the AWARD project not only demonstrates the practical feasibility of integrating autonomous vehicles into port operations but also paves the way for more efficient, cost-effective, and safer supply chain management.

About AWARD:

AWARD project, is an H2020-funded project by the European Commission, aiming to enable a safe and efficient connected and autonomous logistic chain through heavy-duty vehicles in real logistics operations. The project is developing and operating safe autonomous transportation systems (ATS) in a wide range of real-life logistic use cases, in a variety of different scenarios. With a strong focus on innovation, EasyMile is committed to revolutionizing transportation in diverse industries, including airports, campuses, and urban environments. By combining cutting-edge technology and deep industry expertise, EasyMile plays a key role in shaping the future of mobility. The AWARD



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consortium members, from 12 different countries, are leading companies and innovative, growing ones recognized for their real-world applications and expertise, as well as research organisations. This maturity and mix pave the way for the replicability and sustainability of project results.

You can follow AWARD on [LinkedIn](#) and [Twitter](#) to keep updated with its next developments.

Project Factsheet

Duration:	1 January 2021 – 25 June 2024 (*end date – prolonged from 31 st December)
Total cost:	€ 26 398 799,01
EC contribution:	€ 19 892 905,63
Coordinator:	EASYMILE
Partners:	CONTINENTAL TEVES AG & CO. OHG, KAMAG TRANSPORTTECHNIK GMBH & CO.KG, TERBERG BENSCHOP BV, SMART AIRPORT SYSTEMS, DEMATIC, DFDS AS, CENTRE D ETUDES ET D EXPERTISE SUR LES RISQUES L ENVIRONNEMENT LA MOBILITE ET L AMENAGEMENT, TEKNOLOGIAN TUTKIMUSKESKUS VTT OY, AIT AUSTRIAN INSTITUTE OF TECHNOLOGY GMBH, APPLIED AUTONOMY AS, DIGITRANS GMBH, ENIDE SOLUTIONS .S.L, IRU PROJECTS ASBL, ASSOCIATION CARA, NAVTECH RADAR LIMITED, BUSINESS UPPER AUSTRIA - OO WIRTSCHAFTSAGENTUR GMBH, ITS NORGE-NORSK FORENING FOR MULTIMODALE INTELLIGENTE TRANSPORT SYSTEMER OG TJENESTER - ITS NORWAY, LINZ CENTER OF MECHATRONICS GMBH, FH OO FORSCHUNGS & ENTWICKLUNGS GMBH, AVINOR AS, ADASKY LTD, FORESIGHT AUTOMOTIVE LTD, BRP-ROTAX GMBH & CO KG, CERTX AG, OTTOPIA TECHNOLOGIES LTD, AUSTRIATECH - GESELLSCHAFT DES BUNDES FUR TECHNOLOGIEPOLITISCHE MASSNAHMEN GMBH, SCHENKER & CO AG, FRANCE AVIATION CIVILE SERVICES.

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