

Press Release



A Demo of Autonomous Delivery Robot Rosie 2.0 was successfully completed at the Future Mobility Park, Rotterdam

Autonomous Delivery Robot Rosie 2.0 has been tested in various of environments in Rotterdam

Rotterdam, 1 November 2022

Rotterdam, Netherlands – On the 26th of October 2022, the Harmony team completed the successful demo of the autonomous delivery robot, Rosie 2.0, at the Future Mobility Park in Rotterdam. The demo was delivered by a consortium of partners, including the City of Rotterdam, the Future Mobility Network, the Future Mobility Park, and Dutch Automated Mobility.

The objective of the demo was to test the capabilities of Rosie 2.0 in a real-world environment, including interactions with other vehicles, intelligent traffic lights, mopeds, and pedestrians. The results showed that Rosie 2.0 can potentially contribute to the Rotterdam Mobility Approach (RMA) and Zero Emission Mobility (NEM) in terms of city logistics.

The Harmony team also investigated the energy consumption of Rosie 2.0 compared to a delivery van and found that it could offer a more efficient solution. Furthermore, the autonomous vehicle can replace the shortage of drivers and personnel worldwide, while also creating new jobs in the control room that monitors the robot.

The demo of Rosie 2.0 proved that self-driving robots have a bright future in the logistics industry and Harmony is proud to have contributed to the development of this technology. The results will provide valuable insights into future traffic models for city logistics and be represented in freight traffic simulation tools.

To learn more about the Harmony H2020 project, click [here](#).



This project has received funding from the European Union's Horizon 2020 Research and Innovation Programme under grant agreement N°815269. HARMONY is a project under the CIVITAS Initiative, an EU-funded programme working to make sustainable and smart mobility a reality for all. Read more - civitas.eu.



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

Project Factsheet

Duration:	1 June 2019 - 30 November 2022 (prolonged until 28 February 2023)
Total cost:	7 649 645,25€
EC contribution:	7 430 894,50€
Coordinator:	University College London
Partners:	TECHNISCHE UNIVERSITEIT DELFT, PANEPISTIMIO AIGAIU, UNIVERSITY OF WOLVERHAMPTON, INSTITUTE OF COMMUNICATION AND COMPUTER SYSTEMS, AIMSUN SL, TRT TRASPORTI E TERRITORIO SRL, ENIDE SOLUTIONS SL, SIGNIFICANCE BV, AIRBUS DEFENCE AND SPACE GMBH, ARRIVAL LTD, NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK TNO, MOBY X SOFTWARE LIMITED, ASSOCIAZIONE URBAN LAB, GRIFF AVIATION AS, OXFORDSHIRE COUNTY COUNCIL, ANAPTYXIAKI ETAIREIA DIMOU TRIKKAION ANAPTYXIAKI ANONYMI ETAIREIA OTA - E-TRIKALA AE, COMUNE DI TORINO, GEMEENTE ROTTERDAM, ORGANISMOS ASTIKON SYGKOINONION ATHINON AE, GORNOSLASKO-ZAGLEBIOWSKA METROPOLIA

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PICTURE

Description of the picture, DD/MM/YYYY



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