Press Release

The controlled drone and electric van freight delivery trials at the Milton Park

Harmony held a drone and freight delivery trials demonstration

at Milton Park

Milton Park, 22 August 2022

HARMONY held a pilot demonstration for a set of innovative drone and electric van freight delivery trials which took place at Milton Park on August 21st, 2022. *The pilot demonstration is an important move for the Harmony Project, whose vision is to enable metropolitan area authorities to lead a sustainable transition to a low-carbon new mobility era.*

The trials, conducted by one of the consortium partners, the Oxfordshire County Council mark a significant step in the transition towards highly sustainable mobility systems. *Councillor Pete Sudbury, Oxfordshire County Council's Cabinet Member for Climate Change Delivery and Environment, said: "Innovative zero- carbon-ready transport is set to make a huge impact, it just needs us to demonstrate how. Hence this trial is another example of our close work with our world-leading universities, of which we are extremely proud. As a council, we're already doing high-profile work to help everyone reduce their individual emissions footprint and this is how we're looking to decarbonise the rest."*

Support was given by the University College London, *the Harmony H2020 Project leader and one of the primary academic partners of the trials, who oversaw the collection of valuable data for measuring the KPIs that will help model and understand new mobility services.* ***As part of the Harmony consortium, GRIFF Aviation, and RUAS covered the operational part of the trials such as the flight management of the drones using the AIRBUS UTM***

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.

(Unmanned Traffic Management) platform. *The integration with the electric van provided by Oxfordshire County Council was a scenario that highlighted the speed and efficiency of freight delivery using a combination of future mobility technologies.*

As part of the HARMONY H2020 Project, the consortium has planned a total of three pilot demonstrations, taking place in Oxfordshire, Rotterdam and Trikala. The aim is to demonstrate electric automated vehicles (AVs) and drones in real-life conditions integrating them with traditional transport modes to understand the requirements, reactions, and barriers and collect real-world data. AV´s and drones' data will be combined with telecom, socio-cultural, economic, spatial, and environmental data to derive thorough information to feed regional Sustainable Urban Mobility Plans.

To learn more about the Harmony H2020 project, click here.

You can follow Harmony on LinkedIn and Twitter to keep updated with its next developments.

Project Factsheet

Duration:	*1 June 2019 - 30 November 2022*
Total cost:	*7 649 645,25€*
EC contribution:	*7 430 894,50€*
Coordinator:	*University College London*
Partners:	*TECHNISCHE UNIVERSITEIT DELFT, PANEPISTIMIO AIGAIOU, 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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