

HARMONY - Spatial and transport planning for a new mobility era

Harmony's vision is to enable metropolitan area authorities to lead a **sustainable transition** to a low-carbon new mobility era. This will be possible thanks to its harmonised spatial and multimodal transport **planning tools** modelling the changing transport sector and spatial organisation.

Harmony is a European project funded by the European Commission within the programme **Horizon 2020**. Its name stands for "Holistic Approach for Providing Spatial & Transport Planning Tools and Evidence to Metropolitan and Regional Authorities to Lead a Sustainable Transition to a New Mobility Era". Its consortium gathers 21 members from 9 different European countries that will be working together for the three and a half years to come.

Against the background of expanding urbanisation and evolving transport challenges, Harmony will support **public authorities** and **service providers** in **transport and spatial planning**. As such, Harmony will be cooperating with **CIVITAS**, a network of European cities committed to testing and implementing urban transport solutions for a more sustainable mobility.

More specifically, it will elaborate a **model suite**, i.e. a platform bringing together not only transport and spatial planning models but also regional community growth models. For example, it will address challenges related to land use, passenger and freight transport, multimodal mobility and so on. Consequently, these models will inform suitable **recommendations** to be implemented in different urban scenarios. Harmony will test its **solutions** in 6 different cities and metropolitan areas, namely Rotterdam - NL, Oxfordshire - UK, Athens - GR, Turin - IT, Trikala - GR, Katowice - POL. Real-life testing will include demonstrations with **drones** and **autonomous vehicles** at the service of citizens' needs. In addition, Harmony will provide a platform for multi-stakeholders' partnerships and appropriate training for public officials in order to close the gap between understanding and planning the mobility of the future.

Project Factsheet

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Coordinator: University College London

Partners: TECHNISCHE UNIVERSITEIT DELFT, PANEPISTIMIO AIGAIYOU, 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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