

## HARMONY

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

# HARMONY project Public Launch Event

**Date:** 7 June 2019

**Location:** University College London, Chandler House,  
2 Wakefield Street, WC1N 1PJ, London, UK

**Registration Link:** <https://harmony-h2020.eventbrite.co.uk>

## AGENDA



HARMONY project – Public launch event | 7 June 2019, London

### Spatial and transport planning challenges for integrating traditional and new mobility services



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 815269

Follow HARMONY:



[@Harmony\\_H2020](https://twitter.com/Harmony_H2020)



[Harmony-H2020](https://www.linkedin.com/company/Harmony-H2020)

## Agenda

---

09:30 – 10:00	Registration and coffee
10:00 – 10:50	<b>Welcome</b> <b>The HARMONY project philosophy and objectives</b>
10:50 – 11:50	<b>New mobility services and technologies for passenger and freight</b>
11:55 – 12:55	<b>Cities challenges for passenger and freight transport</b>
12:55 – 13:55	Networking Lunch
14:00 – 15:00	<b>Spatial and transport modelling challenges</b>
15:00 – 15:15	Break
15:15 – 15:45	<b>Cross-session discussion</b>
15:45 – 16:00	<b>Closing remarks</b>

---

\*Panellists will be announced soon

## Registration for the event

Places are limited and this is a high-demand event. Register as soon as possible to secure a space.

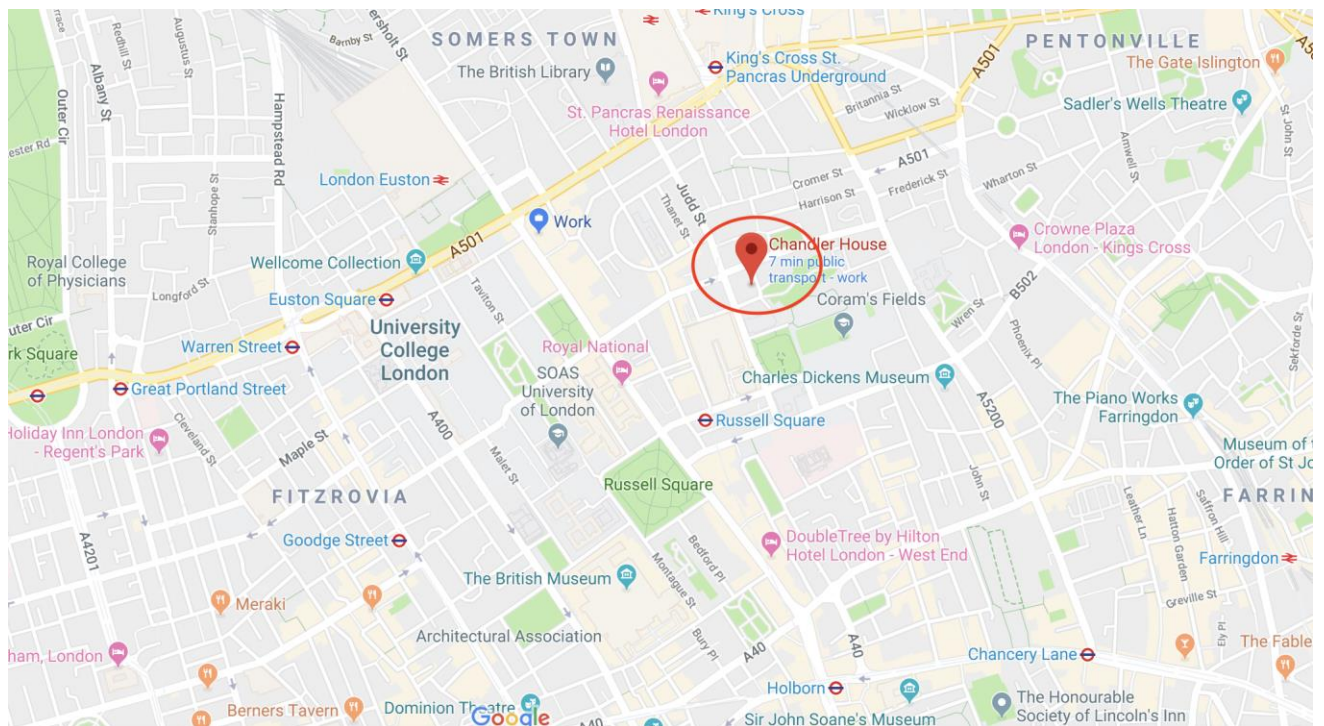
Registration link: <https://harmony-h2020.eventbrite.co.uk>

# HARMONY

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

## The Venue

University College London,  
Room B02, Chandler House, 2 Wakefield Street, WC1N 1PF, London UK





## HARMONY

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

### About the event

**What challenges do metropolitan areas face in terms of spatial and transport planning integration?**

**How can traditional and new transport modes be integrated in harmony?**

Access to key activity hubs has deteriorated and private vehicle reliance has grown, largely due to expanding urban sprawl where distances between functional destinations (workplaces/shops etc.) have increased. Widespread congestion has become the norm in many cities, reducing people's quality of life through negative externalities, such as pollution or increased travel times. Today, new mobility services and technologies present a possible solution. However, authorities face several challenges when it comes to harmoniously integrating these developments into spatial and transport plans.

This event brings together transport and spatial planning professionals, public authorities and policy makers, mobility technology developers, autonomous vehicles and drone manufacturers, and researchers to discuss the spatial and transport planning challenges metropolitan areas face in terms of integrating traditional and new transport modes.

### The HARMONY project

**HARMONY 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".**

HARMONY envisages developing a new generation of harmonised spatial and multimodal transport planning tools which comprehensively model the dynamics of the changing transport sector and spatial organisation, enabling metropolitan area authorities to lead the transition to a low carbon new mobility era in a sustainable manner. Small-scale demonstrations with Autonomous Vehicles (AVs) and drones take place to understand in real-life their requirements and collect data to be used for modelling. The HARMONY model suite is also linked to the EC's EU-wide model TRIMODE to further identify the impact of the concepts and technologies on the TEN-T level. HARMONY's concepts and the model suite are applied and validated on six EU metropolitan areas on six TEN-T corridors: 1. Rotterdam (NL), 2. Oxfordshire (UK), 3. Turin (IT), 4. Athens (GR), 5. Trikala (GR), 6. Upper Silesian-Zaglebie Metropolis (PL).

## HARMONY

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

### The HARMONY partners



[Co-ordinator]

UNIVERSITY COLLEGE LONDON - UCL,  
United Kingdom



TECHNISCHE UNIVERSITEIT DELFT – TUD,  
Netherlands



UNIVERSITY OF THE AEGEAN, Greece



UNIVERSITY OF WOLVERHAMPTON - UOW,  
United Kingdom



INSTITUTE OF COMMUNICATION AND  
COMPUTER SYSTEMS - ICCS, Greece



AIMSUN, Spain



TRT TRASPORTI E TERRITORIO SRL, Italy



ENIDE SOLUTIONS, Spain



SIGNIFICANCE, Netherlands



AIRBUS DEFENSE AND SPACE, Germany

## HARMONY

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



ARRIVAL

ARRIVAL, United Kingdom



TNO, Netherlands



MOBY X SOFTWARE, Cyprus



ASSOCIAZIONE URBAN LAB, Italy



GRIFF, Norway



OXFORDSHIRE COUNTY COUNCIL,  
United Kingdom



CITY OF TRIKALA, Greece



CITTA' DI TORINO

CITY OF TORINO, Italy



City of Rotterdam

CITY OF ROTTERDAM, Netherlands



TRANSPORT FOR ATHENS – OASA, Greece



METROPOLIS GZM, Poland