

## HARMONY

Spatial and transport planning challenges  
for integrating traditional & new mobility services in HARMONY

# 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

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## Agenda

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09:30 – Registration and coffee  
10:00

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10:00 – **Welcome**

10:30

- **Alan Penn**, Dean of the Bartlett Faculty of the Built Environment, Professor in Architectural and Urban Computing, UCL

### **The HARMONY project philosophy and objectives**

- **Maria Kamargianni**, Lecturer in Transport, Head of MaaSLab, HARMONY Co-ordinator and Scientific & Technical Manager, Energy Institute, UCL
- 

10:30 – **New mobility services and technologies for passenger and freight**

11:20

**Moderator: Antulio Richetta**, Director, IBI GROUP

#### **Panelists:**

- **Vassilis Agouridas**, Senior Manager, Strategic Innovation at AIRBUS, Urban Air Mobility Initiative Leader, EIP-SCC
  - **Eman Martin-Vignerte**, Director, BOSCH
  - **John Birtwistle**, Head of Policy – UK Bus, First Group
  - **Nick Clay**, Head of Homologation and Quality, ARRIVAL
  - **Hans Petter Førde**, Chief Technical Officer, GRIFF Aviation
  - **Paul Hodgins**, CEO, Ginger - Shared Transport
- 

11:25 – **Cities' challenges for passenger and freight transport – Sustainable Urban Mobility Planning (SUMP)**

12:15

**Moderator: Ivo Cre**, Director Policy & Projects - Coordinator Access, POLIS network

#### **Panelists:**

- **Nellie Tzivelou**, Head of Department for Municipal Transportation & Taxi, Transport for Athens (GR)
  - **George Economides**, Team Leader for Connected and Autonomous Vehicles, Innovation HUB, Oxfordshire County Council (UK)
  - **Gianfranco Todesco**, Chief Commissioner of the Digital Technology Investigations Unit, Metropolitan Police of Turin (IT)
  - **Odisseas Raptis**, CEO, e-Trikala (GR)
  - **Krzysztof Drewniok**, Head of Transport System Planning Division, Municipal Transport Authority (ZTM), and Metropolis GZM (POL)
  - **Simone Bosetti**, Senior expert in transport planning and partner, TRT – Chair of the EU SUMP Platform Coordinating Group
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12:15 – Networking Lunch

13:00

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13:00 – **Spatial and transport modelling challenges**

13:50

**Moderator:** Carlos Lima Azevedo, Associate Professor in Transport, DTU

**Panelists:**

- **Mike Batty**, Chairman of CASA, Professor of Planning, UCL
  - **Amalia Polydoropoulou**, Professor of Transport, University of the Aegean
  - **Andreas Schäfer**, Professor in Energy and Transport, Director of Research at BSEER, UCL
  - **Angelo Martino**, Founding partner, Senior expert in transport policy and modelling, TRT
  - **Tamara Djukic**, Research Project Manager, Aimsun
  - **Michiel de Bok**, Research Leader, Significance
  - **Maria Kamargianni**, Lecturer in Transport, Head of MaaSLab, Energy Institute, UCL
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13:50 – Break

14:00

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14:00 – **Cross-session discussion**

14:50

**Moderators:** Vassilis Agouridas, Senior Manager, Strategic Innovation at AIRBUS, Urban Air Mobility Initiative Leader, EIP-SCC

Vicent Pastor, Head of Business Development, ENIDE

**Panelists:**

- **Antulio Richetta**, Director, IBI Group
  - **Ivo Cre**, Director Policy & Projects - Coordinator Access, POLIS Network
  - **Carlos Lima Azevedo**, Associate Professor in Transport, DTU
- 

14:50 – **Closing remarks**

15:00

- **Maria Kamargianni**, Lecturer in Transport, Head of MaaSLab, Energy Institute, UCL
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## 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>



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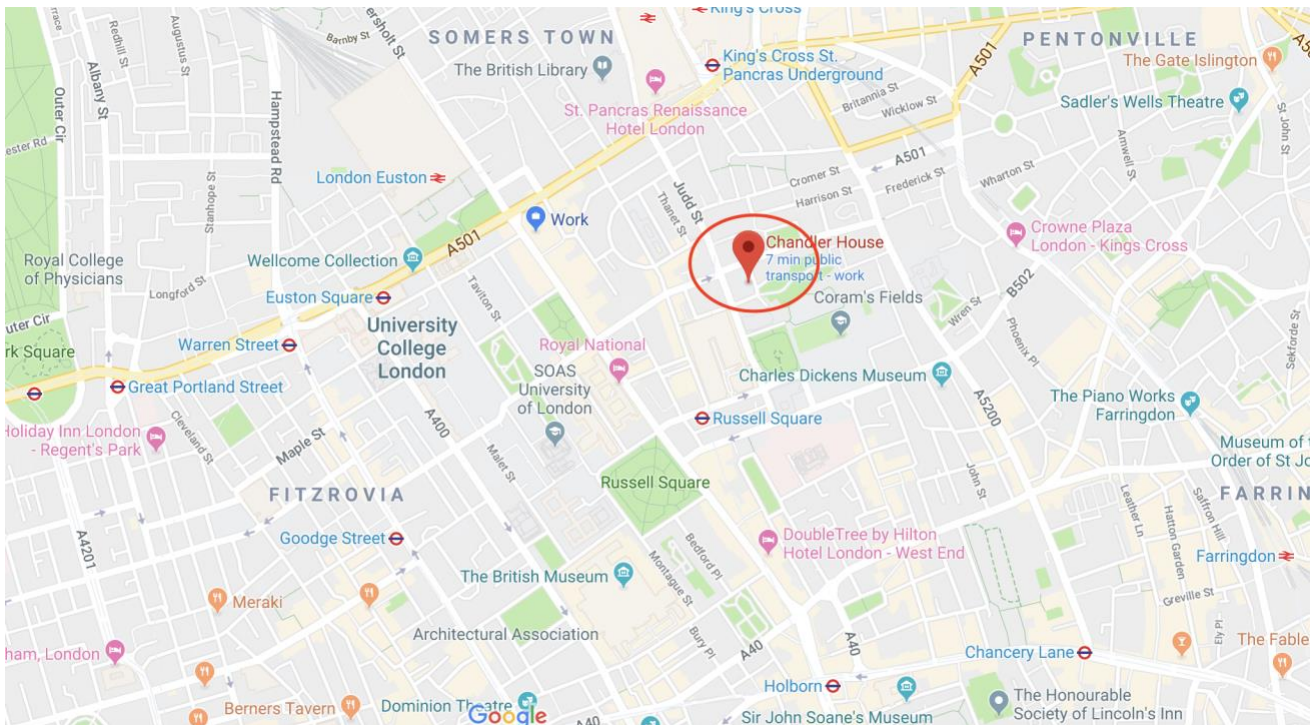


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## The Venue

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



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## About the event

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

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

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).



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## The HARMONY consortium



[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



ARRIVAL

ARRIVAL, United Kingdom



TNO, Netherlands



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MOBY X SOFTWARE, Cyprus

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ASSOCIAZIONE URBAN LAB, Italy

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GRIFF, Norway

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OXFORDSHIRE COUNTY COUNCIL,  
United Kingdom

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CITY OF TRIKALA, Greece

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CITTA' DI TORINO

CITY OF TORINO, Italy

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CITY OF ROTTERDAM, Netherlands

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TRANSPORT FOR ATHENS – OASA, Greece

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METROPOLIS GZM, Poland

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