



HARMONY

e-trikala

October 14th, 2021
Major Cities of Europe Online Conference



**The future of mobility in the
Municipality of Trikala:**
Urban air mobility systems
and social acceptance

Speakers:
Dr Elena Patatouka, Senior Researcher and Project Manager
e-Trikala



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Part of:



THE CIVITAS INITIATIVE
IS CO-FINANCED BY THE
EUROPEAN UNION

HARMONY Consortium:

21 partners from 9 countries



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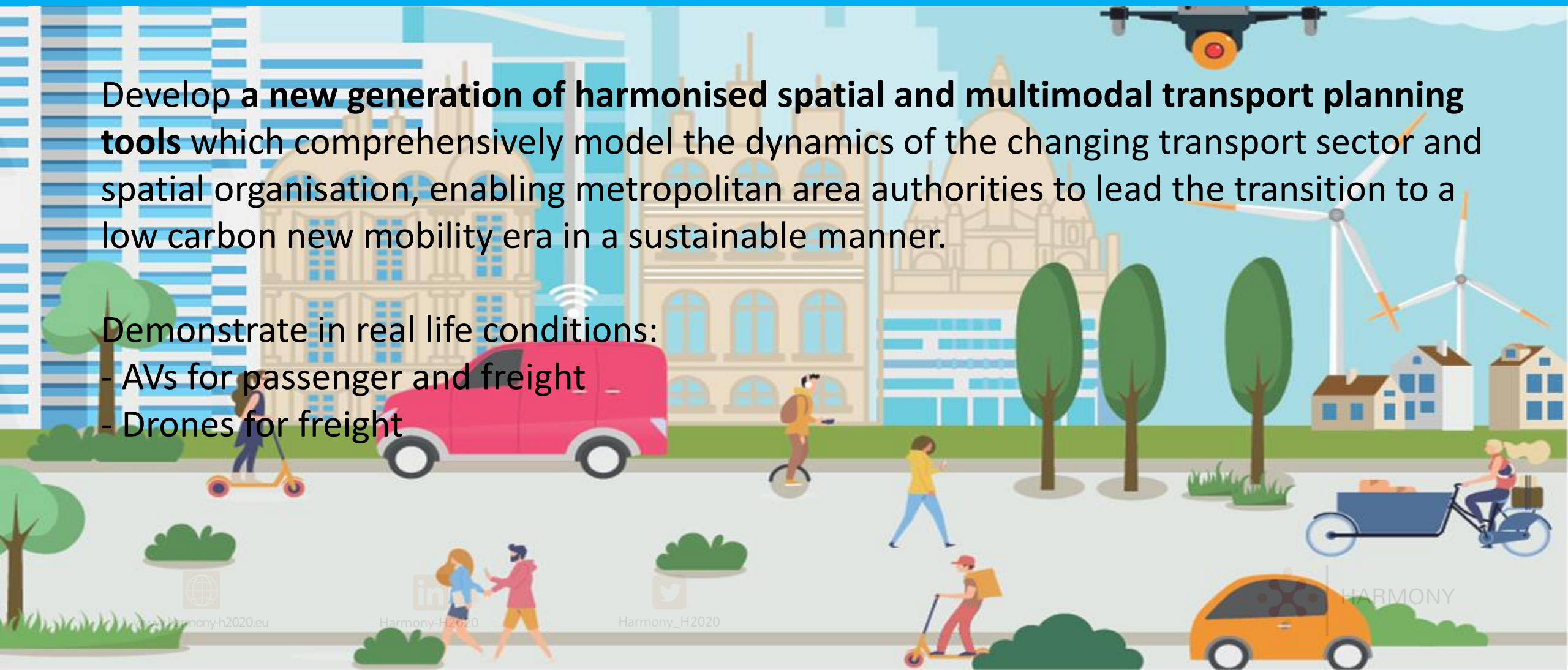
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HARMONY Project: Vision

Develop 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.

Demonstrate in real life conditions:

- AVs for passenger and freight
- Drones for freight



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HARMONY Project:

Objectives

O1

- new mobility services, concepts and technologies for people and freight

O2

- co-creation labs for people and freight

O3

- Integration of AVs and drones integrating with traditional transport modes
- Collect data from citizens and freight operators

O4

- Develop methodologies to combine and integrate multidisciplinary data related to new forms of mobility, collective transport and planning

O5

- New spatial and transport planning model suite (MS)

O6

- Apply the HARMONY MS to support metropolitan planners and decision-makers

O7

- Link the HARMONY MS (metropolitan-level to EU-wide transport models)

O8

- Recommendations to update spatial and transport strategies and SUMP

HARMONY Drone Demonstrations

3 pilots focus on drone deliveries:

Trikala

Oxfordshire

GZM



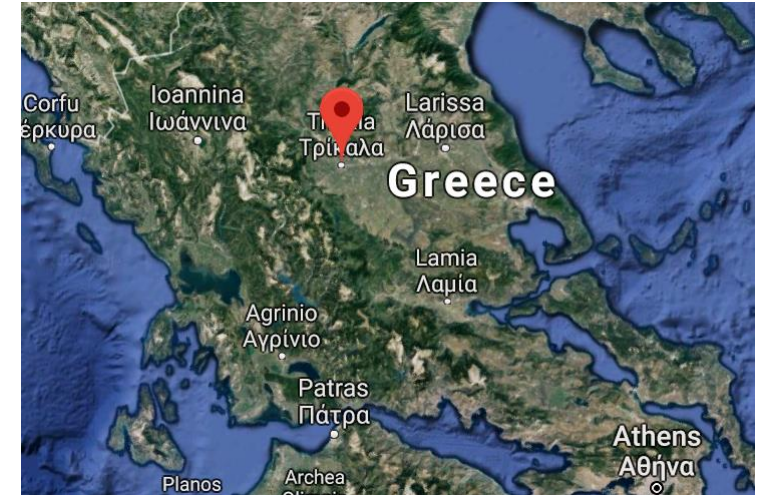
6 local authorities
are part of the
consortium:

- Rotterdam
- Oxfordshire
- Turin
- Athens
- Trikala
- Upper Silesian-Zagłębie Metropolis



HARMONY Drone Demonstration in Trikala

- **Trikala is a small provincial city** in the middle of Greece
- It hosts a **population of approx. 81,000 inhabitants**
- The city hosts around 85,000 citizens commuting per day and **accommodates more than 1.100.000 seasonal visitors/tourists in the winter**
- **A European city in transformation**







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Thank you!



ANY QUESTIONS?



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