



Prof. Maria Kamargianni
Professor of Transport Systems Innovation & Sustainability



MaaS
Lab





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.

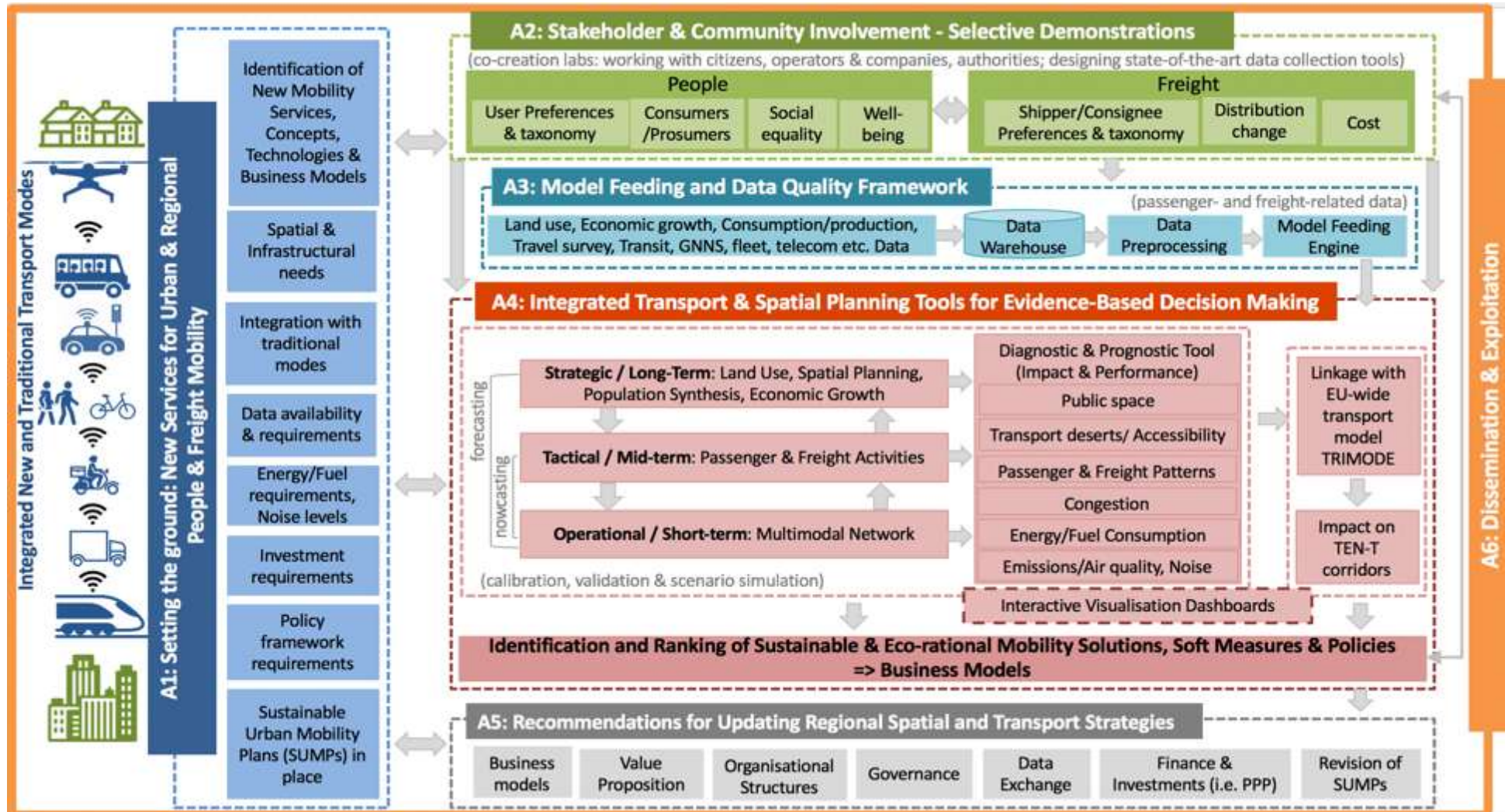
Main outcomes

- The HARMONY MS (software)
- AVs and drones demonstrations
- Training material and activities for using the HARMONY MS
- Recommendations for SUMP's update (AVs & drones included)





HARMONY architecture





HARMONY Metropolitan Areas' Activities



Rotterdam

- Electric AV demonstration - Freight
 - HARMONY MS - Freight

Oxfordshire

- Electric AV demonstration - Passenger & Freight
 - Drones demonstration - Freight
 - HARMONY MS - Passenger

Athens

- HARMONY MS - Strategic

Turin

- HARMONY MS - Strategic & Tactical

Trikala

- Drones demonstration for medical purposes

Katowice (GZM)

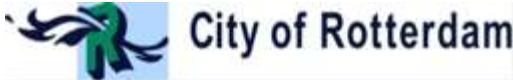
- Adopter metropolitan area

Trailblazing

Aspiring

Follower

HARMONY consortium





HARMONY
SPATIAL & TRANSPORT PLANNING FOR A NEW MOBILITY ERA



www.harmony-h2020.eu



Harmony-H2020



Harmony_H2020



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



THE CIVITAS INITIATIVE
IS CO-FUNDED BY
THE EUROPEAN UNION