



metaCAZE

Flexibly adapted MetaInnovations, use cases, collaborative business and governance models to accelerate shared Zero Emission mobility for passengers and freight



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**Funded by
the European Union**

The metaCCAZE project



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the European Union

➤ Consortium:

- 44 partners,
- 12 countries

➤ Multidisciplinary, multisector (transport, energy, ICT, business, social) and complementary competencies collectively involved in the LLs

➤ Duration of the project:

- 48 months (January 2024 – December 2027)

➤ Framework Program:

- [Horizon Europe](#)- The EU Union Framework Programme for Research and Innovation - Mobility for Growth

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What metaCCAZE is?

metaCCAZE contributes to acceleration of the **climate neutral and safe mobility transformation in 10 Mission Cities** by 2027 towards electric, connected and automated mobility and related infrastructure, through

- development of flexibly adapted, resilient and transferable technologies;
- infusion with user-centric approaches to zero emission shared mobility services for passengers and goods;
- testing, deployment and monitoring them in 10 Mission Cities across 10 different European countries; and
- streamline and adapting generated knowledge to any city to build capacity and skills to implement smart shared and zero-emission mobility systems.



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Objectives

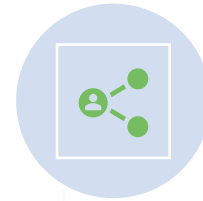
What do we want to achieve with metaCCAZE?



Involve the cross-sectorial actors and citizens to design use cases, business innovation and governance models (**metaDesign process**)



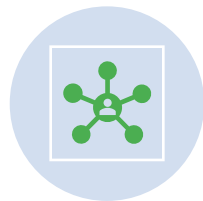
Develop the scalable, open, resilient and replicable technological and infrastructural solutions (combined electrification, automation and connectivity) (**metaInnovations toolkit**)



Infuse metaInnovations in the cities' shared services (the **metaServices**) for passengers & freight



Demonstrate the MetaDesigned UCs for passenger and freight in the 4 trailblazer LLs for a year



Show effective transferability of metaInnovations to the context of different cities, user and SUMP-needs in 6 follower LLs



Boost the market, cities and its stakeholders with the knowledge and skills to adopt and implement the project results (**metaSkill Hub**)



Engage and disseminate project results boosted with the policy and integration recommendations (**metaPolicy package**), SRIA for the 2ZERO and CCAM partnerships.

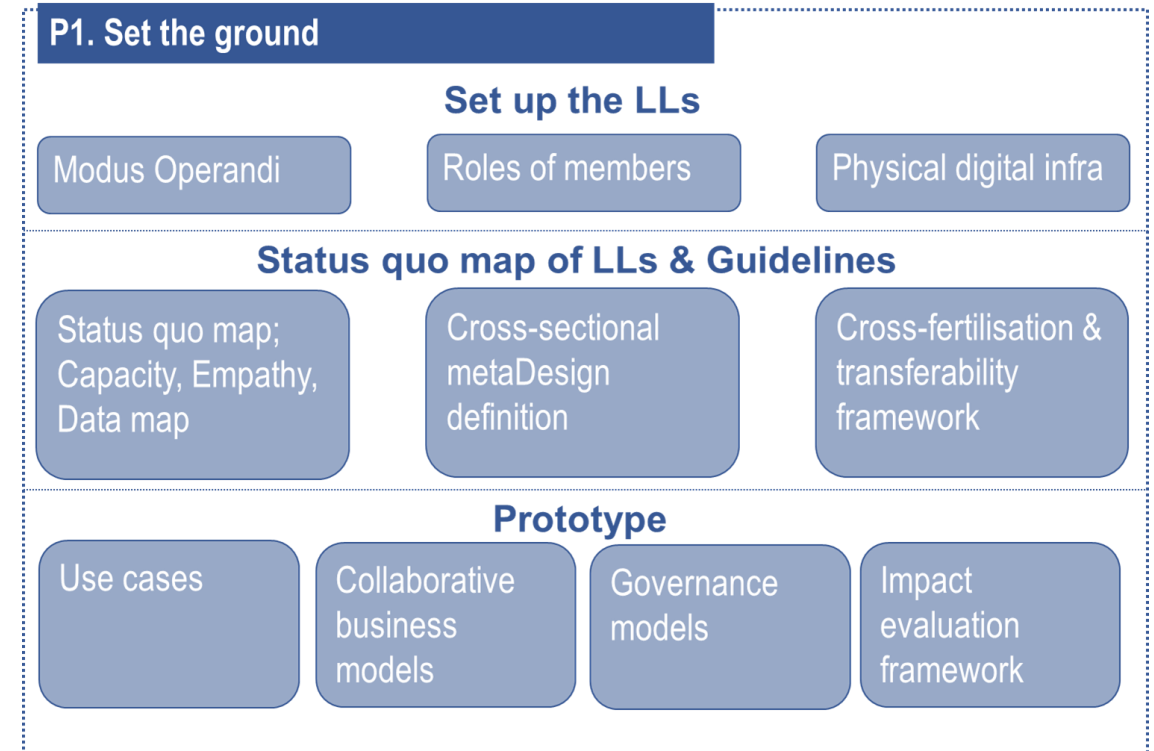
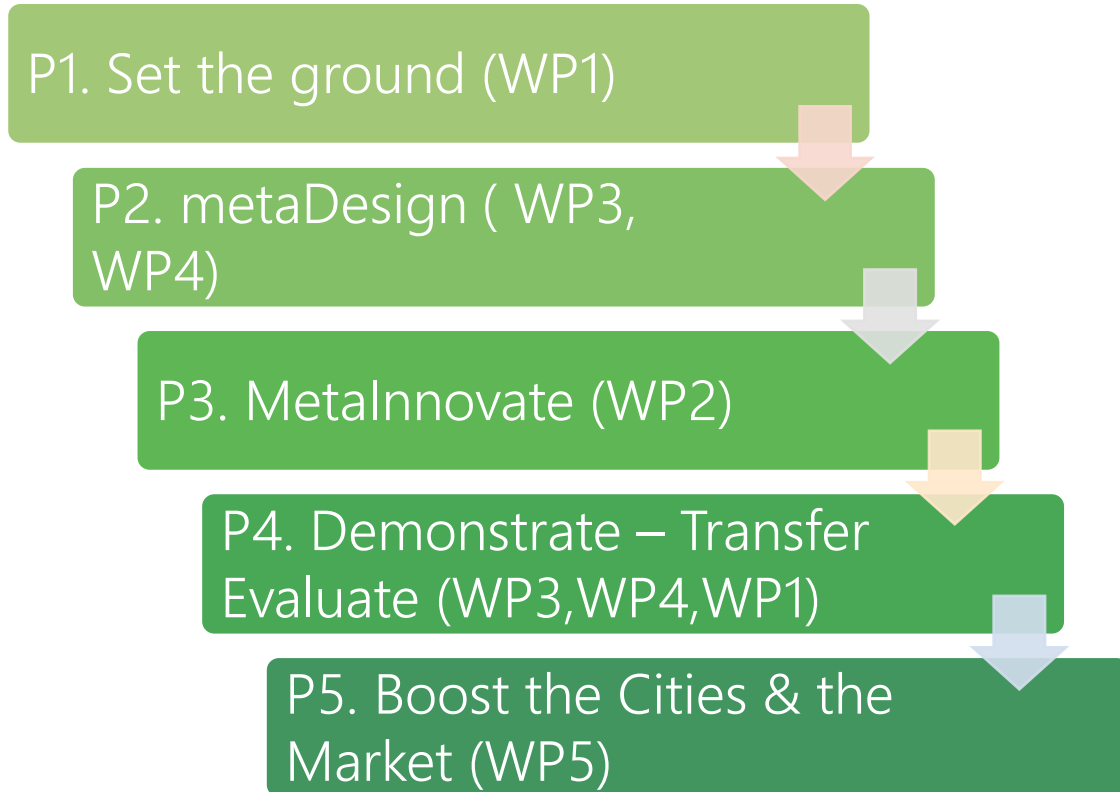
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models to



Research Approach

- Multi-disciplinary, integrated and overarching



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Research Approach

- Multi-disciplinary, integrated and overarching

P1. Set the ground (WP1)

P2. metaDesign (WP3, WP4)

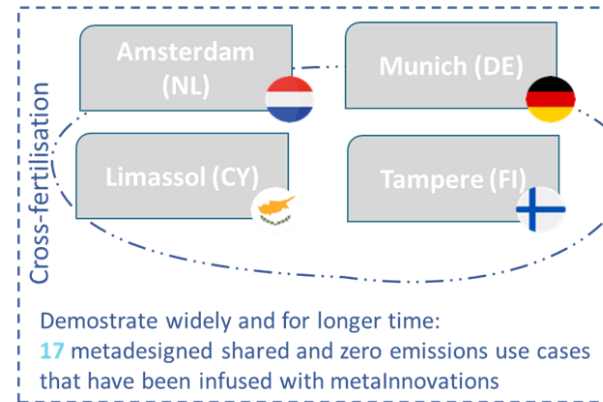
P3. MetaInnovate (WP2)

P4. Demonstrate – Transfer Evaluate (WP3,WP4,WP1)

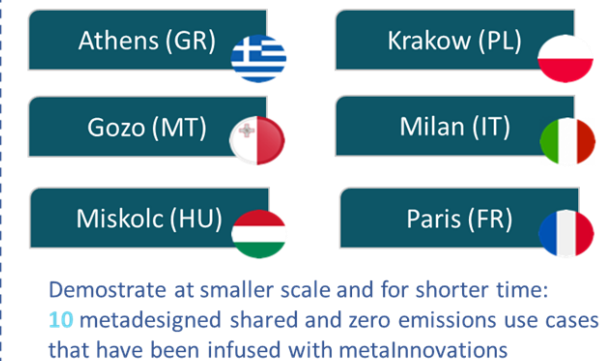
P5. Boost the Cities & the Market (WP5)

P2. MetaDesign

4 Trailblazer Living Labs



6 Follower Living Labs



10 Observer Cities



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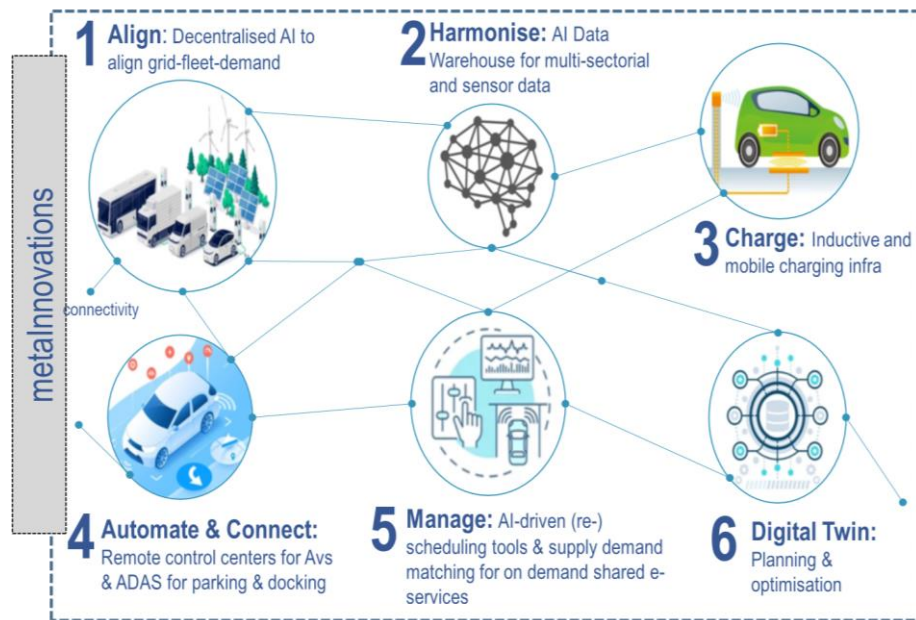
Research Approach

➤ Multi-disciplinary, integrated and overarching

P3. MetaInnovate

6 MAIN TECHNOLOGIES

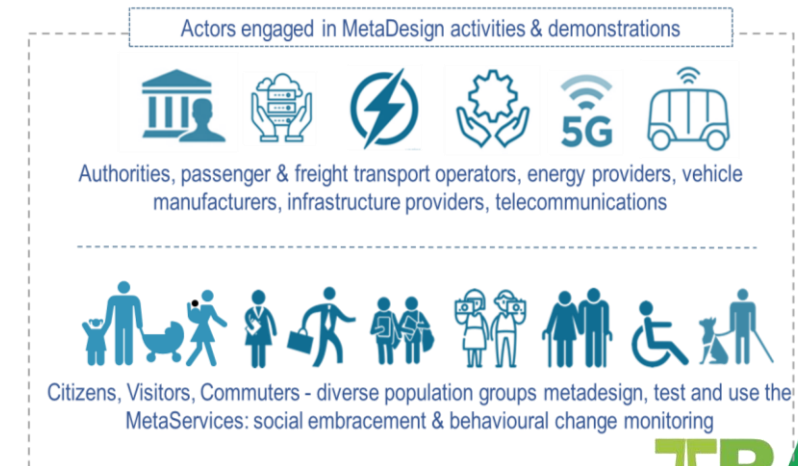
that enable combined electrification, automation and connectivity ...



... are infused to 10 LLs' services & infrastructure



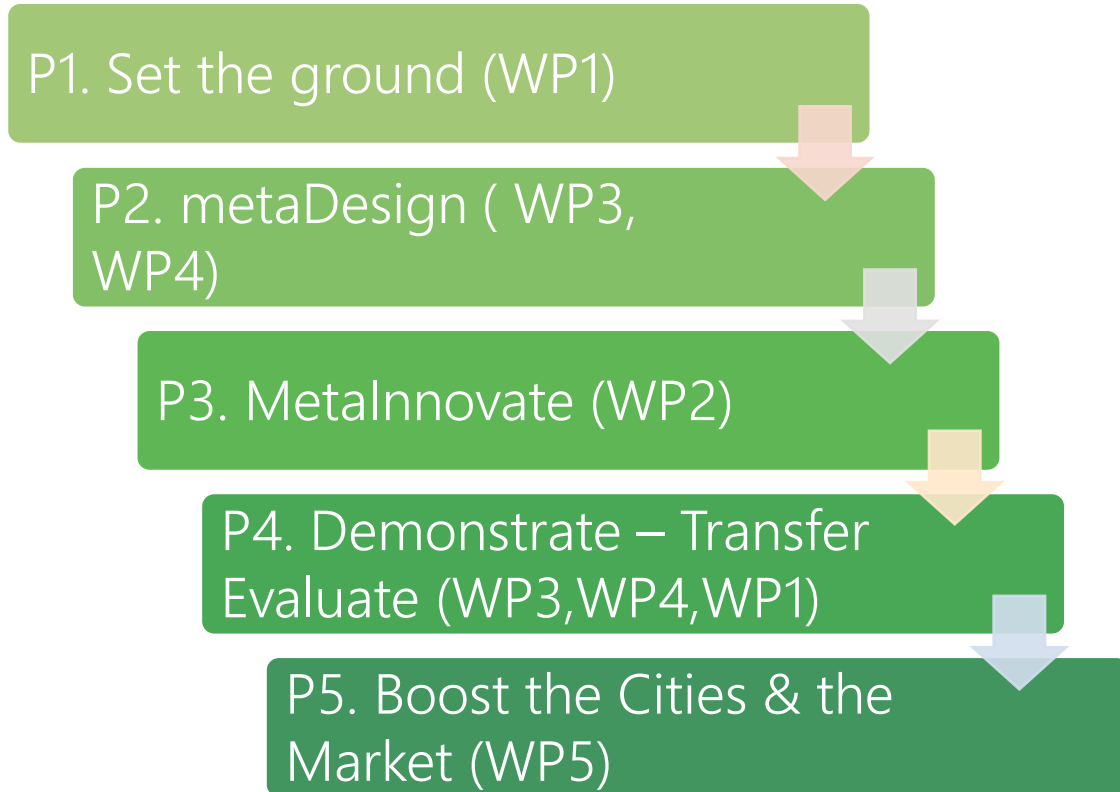
... through metaDesign activities



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P5. Boost the cities & market

Communication,
Dissemination,
Liaison

Cost-benefit
& lifecycle
evaluation

Implementation
roadmaps & roll-
out plans

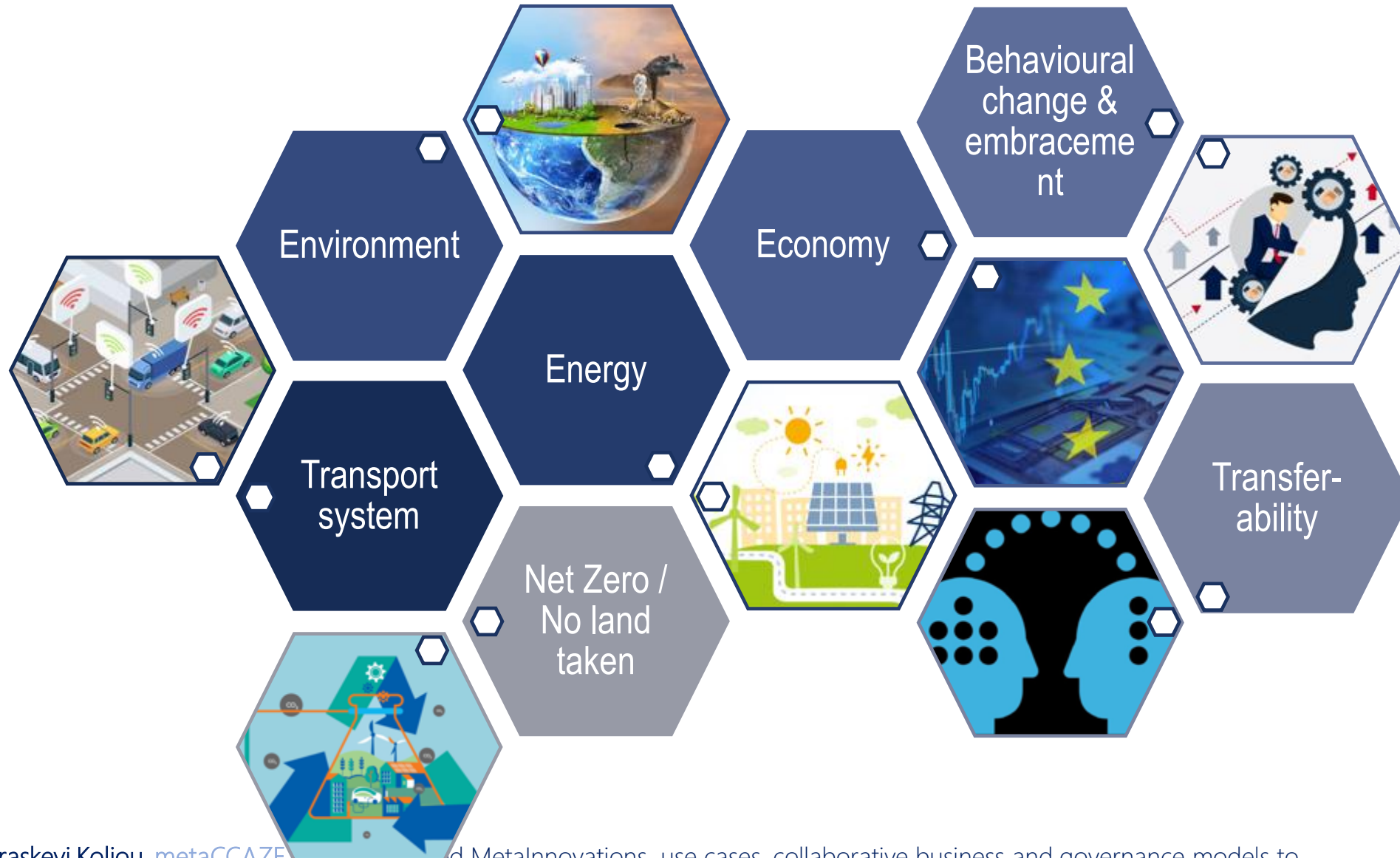
MetaSkills Hub
for interactive learning

MetaPolicy
recommendations
package for SUMP/SULP
advancement

Updates for the 2ZERO &
CCAM's SRIAs



Key Performance Indicators - Categories



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