

POLIS

CITIES AND REGIONS FOR TRANSPORT INNOVATION

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Sustainable Transport Planning Tools for Small and Medium Sized Cities

1f – Tailoring transport to SMC



CIVITAS

SUMP-PLUS

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Challenges and barriers for SMC to plan and implement SUMPS

- Challenges derived from their size (EUROSTAT)
- Limited resources and capacities act as barriers for transport planning. (SUMP Topic Guide)
- Barriers to implementation and decision making (SUMP PLUS)

With the aim of removing the barriers encountered by small and medium sized cities studies in the literature and, especially in the SUMP-PLUS cities via their City Labs, the project has sought to:

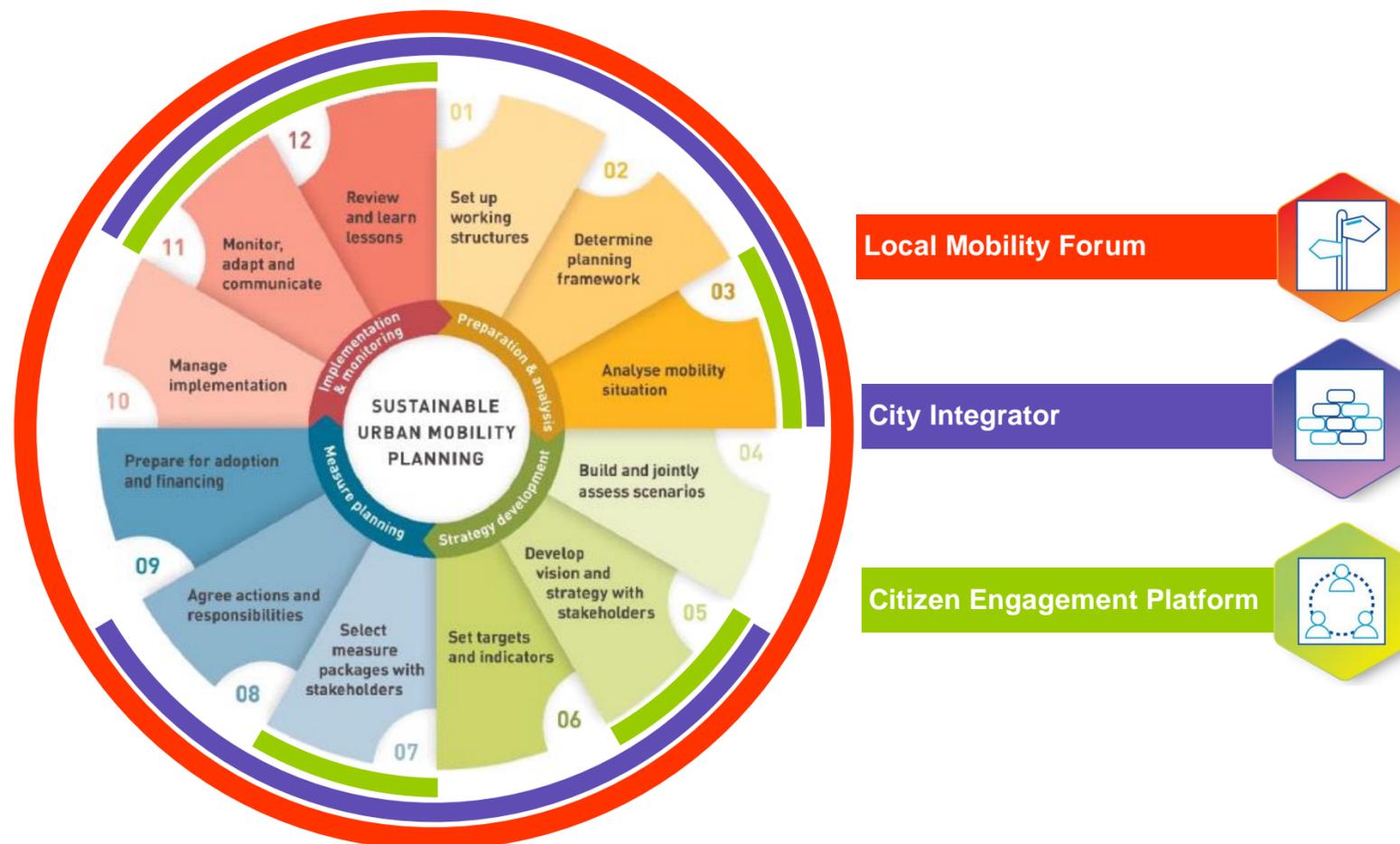
- Streamline the SUMP process by focusing on the four stages and promoting the value of adaptation to the local conditions included in the SUMP guidelines
- Develop a series of 14 tools to support SMC



Focus on SUMP phases



Tools: Engagement and Governance

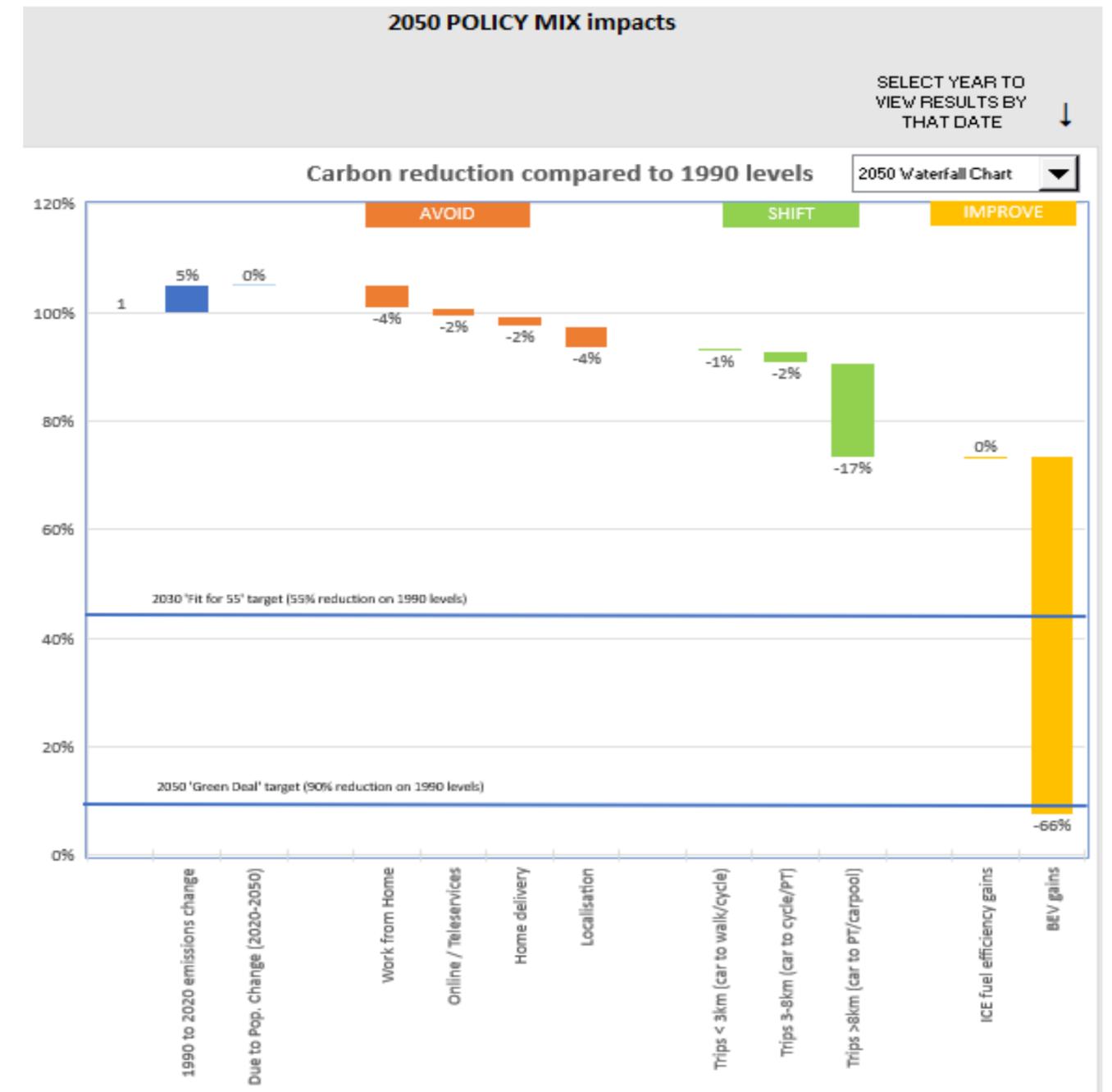
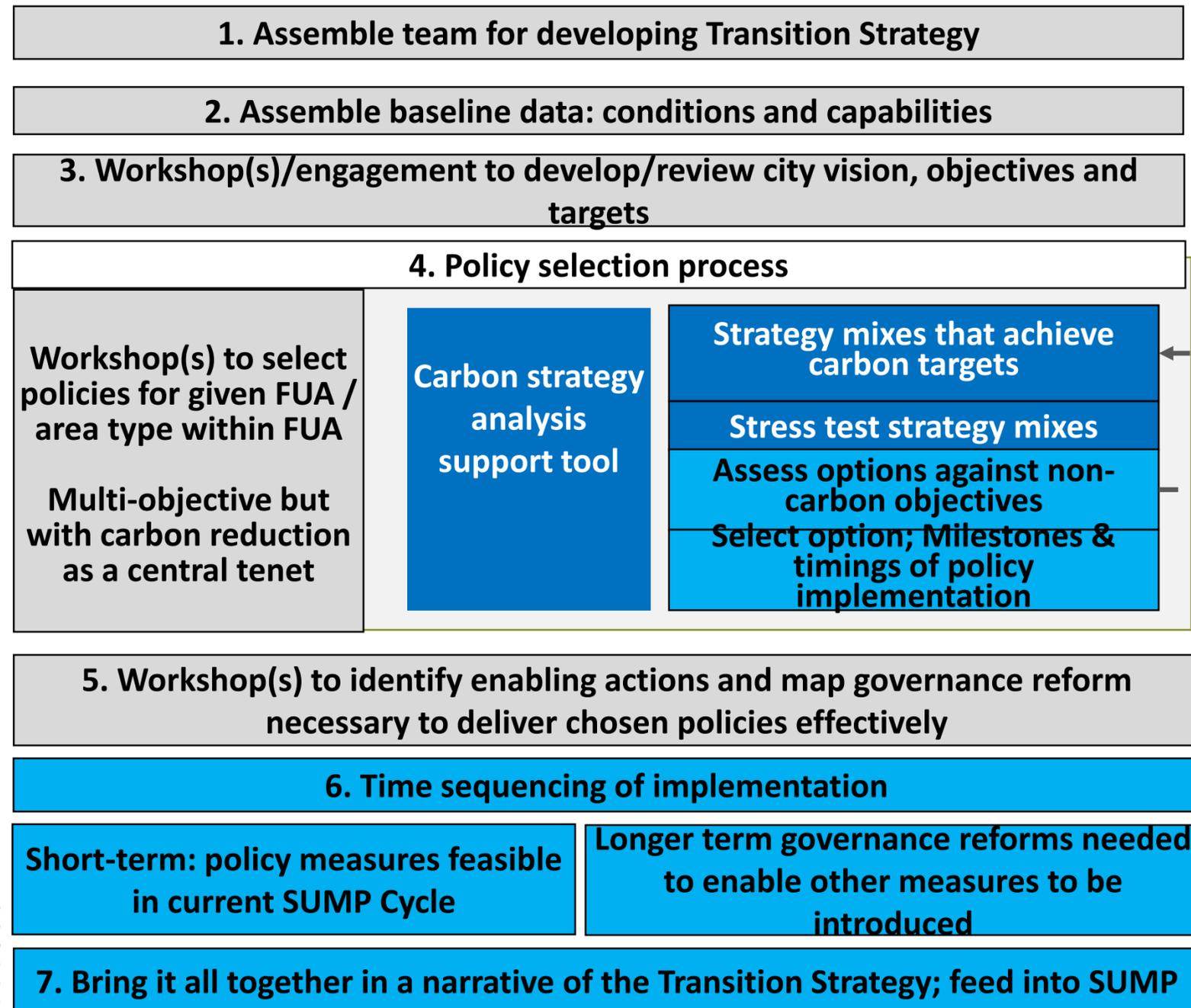


Governance

- A qualitative assessment of **the triggers and the drivers** that motivate cities to shift to sustainable urban mobility planning.
- A questionnaire that helps cities to **assess their governance arrangements and policy capacities** in regard to their transition pathway.
- A grading exercise to cities assess **the distribution of capacities** across the policy process.



Tools: Transition Pathways methodology, city vision and high-level strategy tool



Links and Partnerships

- LINKS approach
- Engagement with Public Transport Operators
- Engagement with Logistics Operators

AVOID:

- Substitute digital for physical meetings
- Provide equipment in-home
- Localise facility provision (shorter trips)

} Trip-generating sectors:
education, health,
leisure, retail..

SHIFT:

- Support/encourage shift to sustainable modes
- Consolidation of freight

} Governments, transport providers and major trip attractors

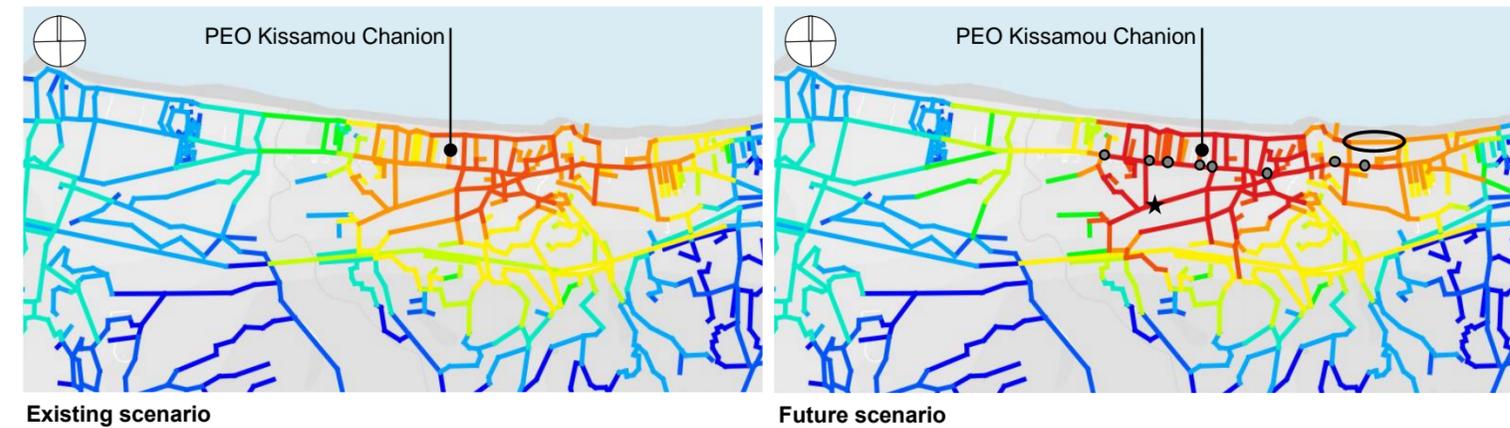
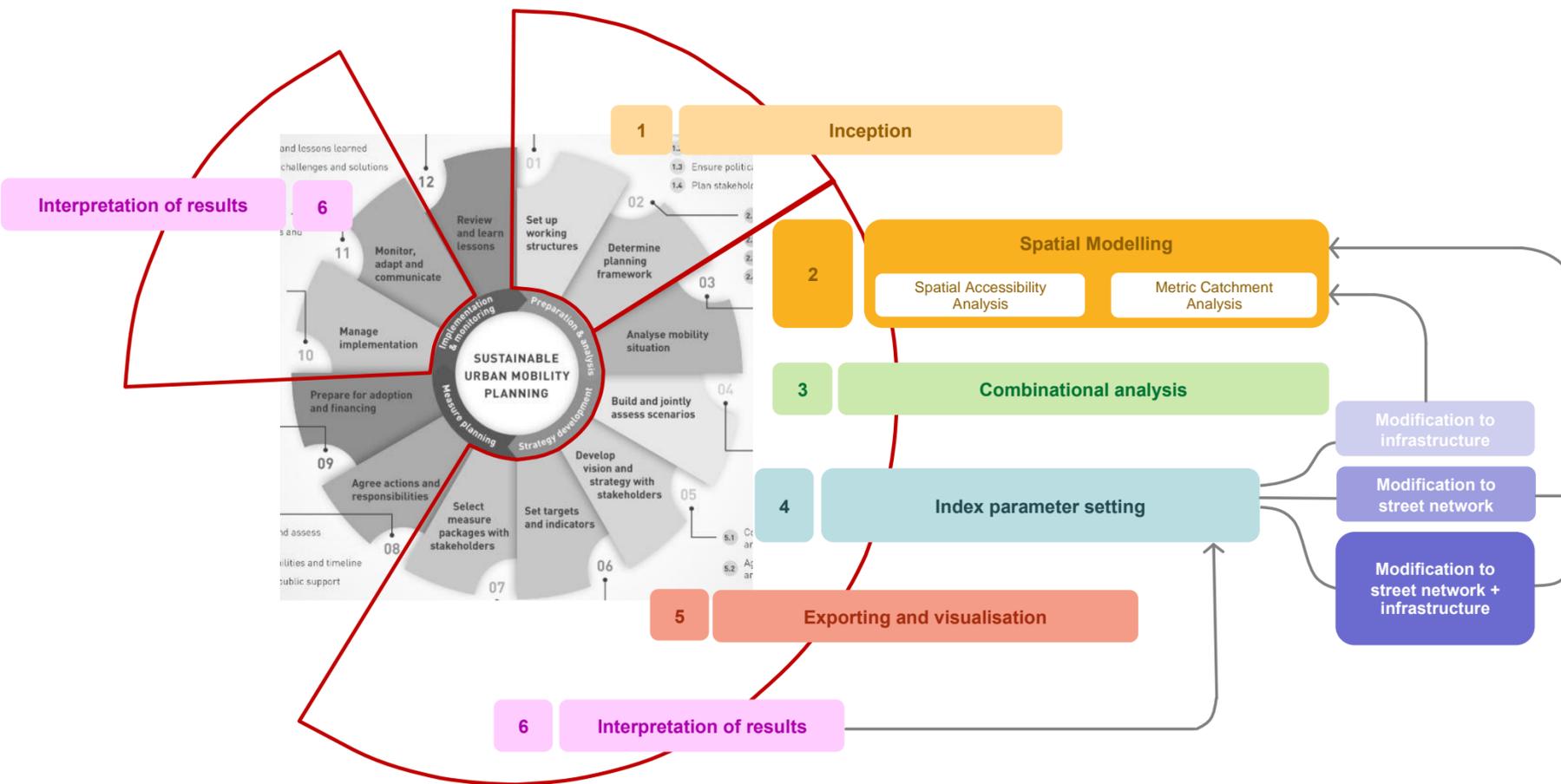
IMPROVE:

- Decarbonisation of vehicle fleet
- Increase energy efficiency

} Industry, utilities and transport providers



Implementation: Spatial Analysis



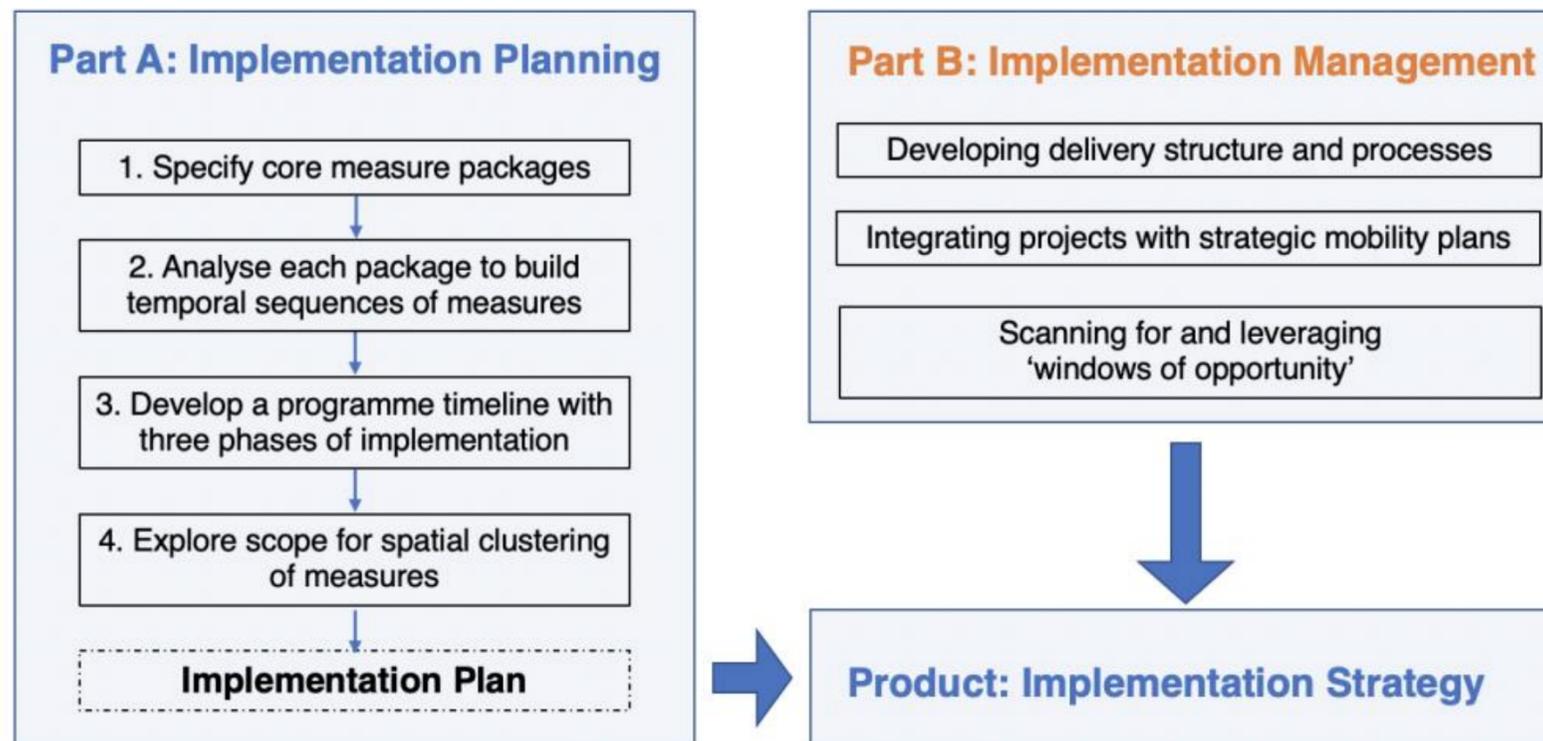
Platanias	Importance*	Future scenario changes
Vehicular accessibility	0	Proposed interconnection
Pedestrian accessibility	1	Proposed interconnection
Cycle accessibility	0	Proposed interconnection
No. of important and existing crossings within 5min walk	1	Proposed crossings
No. of bus stops within 5min walk	1	Proposed bus transit centre
No. of existing car parking locations within 15min walk	0	
No. of hotels within 15min walk	0	
No. of tourist attractions (active travel) within 15min walk	0	
No. of other main attractions within 15min walk	0	
No. of open space within 15min walk	1	Possible creation
No. of social facilities within 15min walk	1	
No. of health facilities within 15min walk	1	
No. of primary schools and kindergartens within 15min walk	1	
Access to cycle path within 5min cycle	0	Proposed interconnection
No. of high schools within 15min walk	0	

*where 0 is not important and 1 is important

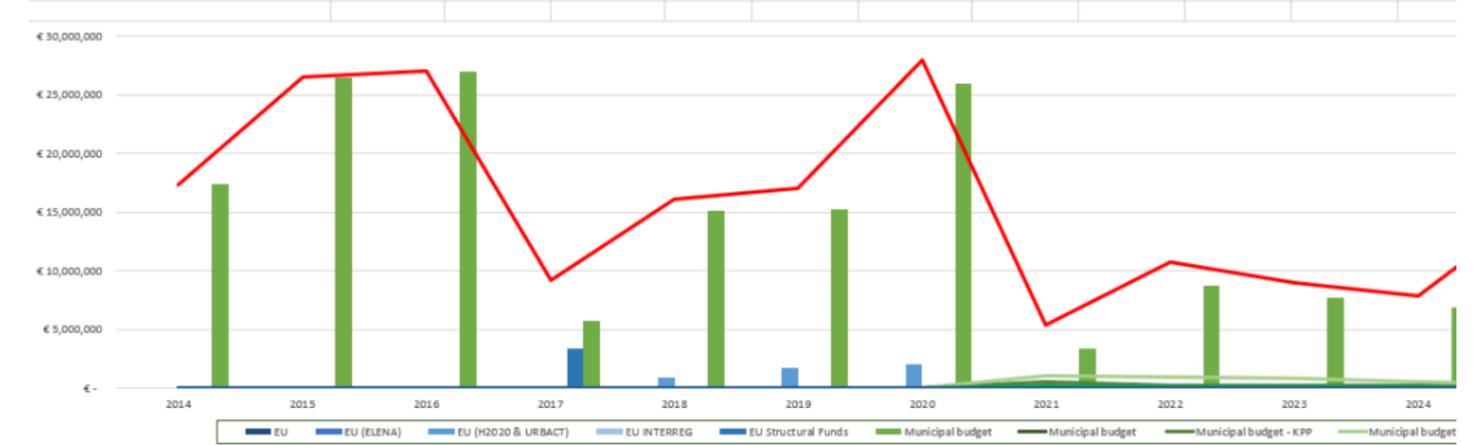
- ★ Proposed bus transit centre
 - Proposed crossings
 - Proposed interconnection
- Walkability**
- high
- low



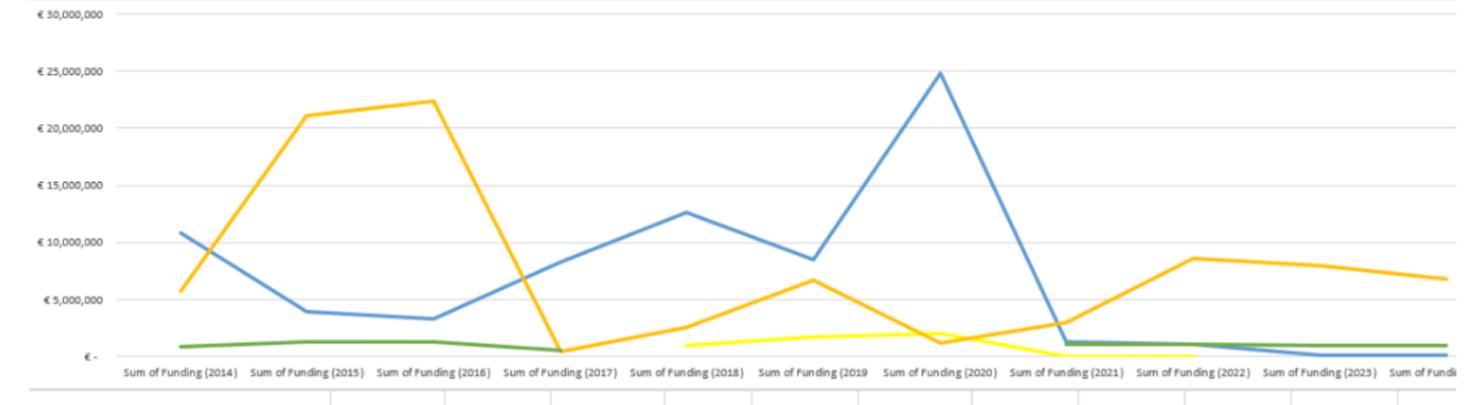
Implementation: Strategies, Action and Budget Tracker, Project Documentation



Step 1 - Projection of SUMP implementation budget



Review of SUMP spending by measure category



Thank you for your attention!

For questions:

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