GUIDELINES FOR THE HARMONIZATION OF SUSTAINABLE URBAN MOBILITY PLANS AND SECAPS

Area Science Park

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## SIMPLA
Sustainable Integrated Multi-sector PLAnning

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SIMPLA provides a methodology addressed to

- optimize and rationalize the production of strategic energy and mobility plans
- actively searching for synergies and economies of scale
- through a project-management process
- resulting in two independent, harmonized plans
SECAP vs SUMP

**SECAP**

- Objective CO₂ reduction and climate change adaptation
- From village to large cities
- Baseline with comprehensive overview of energy generation/consumption
- Single scenario: 2030 vs BEI year
- Centralized Monitoring by Covenant of Mayors Office

**SUMP**

- Objective: improve quality of life
- Usually from medium to large cities
- Context analysis based mainly on transport infrastructure, mobility, and socioeconomic data
- Comparison of scenarios
- Decentralized made directly by the city
Funded by the European Union
Key principles

➢ Circular methodology (5 stages)
➢ Project management approach (tasks, schedule, responsibilities)
➢ Strong leadership
➢ Multidisciplinarity and cooperation
➢ Political commitment and comprehensive strategic vision
➢ Stakeholders involvement
➢ Crucial role of data
Circular process

Initiation / Update and continuation

Monitoring and controlling the harmonization process

Planning

Implementation
Phase 1 Initiation

➢ Political commitment
➢ Setting up the harmonization team
Phase 2 Planning

➢ Initial assessment
➢ Involvement of partners and stakeholders
➢ Definition of work-plan
Phase 3 Implementation

➢ Harmonization of vision
➢ Sharing common data sets and data collecting methods
➢ Harmonization of reference years and monitoring timeframes
➢ Harmonization of actions
➢ Formal approval of plans
Phase 4 Monitoring and controlling

- Monitor progress of the harmonization process (milestones, costs etc.)
- Assess quality of outputs
- Draft an harmonization report
Phase 5 Update and continuation

- Assessment of the broader impact of the measures implemented (when a sufficient number of results is available).
- Analysis of the planning process, the actual plans and their implementation with an eye to success stories and failures.
- Enhancement of the understanding of the planning process and overall impact of implemented measures.
- Documentation of lessons learned to prepare for the next SECAP or SUMP generation.
- Listing of objectives that could not be reached, but are still on the agenda.
- Communication of the “lessons learnt” to the harmonization team and key stakeholders.
- Consolidation of planning framework.
Climate change & mobility

Mitigation policies are more effective at global level, adaptation is best defined at local level

• Plan mobility considering also climate change adaptation. Tipically:
  • Extreme rainfall events, floods
  • Heat wave
Extreme rainfall events

- Reconsider river banks, underpasses
- Flood alert system (possibly automated) integrated in infomobility app
- Permeable pavements
Heat wave

• Shading of pedestrian and bike routes (with water springs)
• Trees or PV platform in large parking areas
Available resources

Visit our web site www.simpla-project.eu:

• Guidelines (pdf) (EN, IT, ES, DE, AT, HR, RO, BG)
• Online observatory (interactive version of the guidelines) (EN, IT, ES, DE, AT, HR, RO, BG)
• Collection of harmonized plans (coming soon)
• Webinars (EN)
• Video & interviews (EN, IT, ES, DE, BG)
• Ppt from training sessions and conferences (IT, ES, DE, HR, RO, BG)
• Minutes of mutual learning workshop (EN)
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