Sustainable Integrated Multi-sector Planning

GUIDELINES FOR THE HARMONIZATION OF SUSTAINABLE URBAN MOBILITY PLANS AND SECAPS

Area Science Park

Fabio Tomasi

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SIMPLA
Sustainable Integrated Multi-sector PLAnning

Participant organisation name	Country
AREA Science Park	Italy
Friuli Venezia Giulia Regional Authority	Italy
Tuscany Regional Authority	Italy
Promoscience	Italy
STENUM	Austria
Land Kärnten Regional Authority	Austria
CIRCE	Spain
Diputación Provincial de Zaragoza	Spain
Diputación Provincial de Huelva	Spain
Energy Agency of Dobrich	Bulgaria
Union of Bulgarian Black Sea Local Authorities	Bulgaria
Regional energy Agency Kvarner	Croatia
Primorje-Gorski Kotar County	Croatia
Istarska County / Regione Istriana	Croatia
Alba Iulia Energy Agency / Agentia Locala a Energiei Alba	Romania
Alba Iulia County / CONSILIUL JUDETEAN ALBA	Romania

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SIMPLA

Addressing rationalization in energy and mobility planning

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

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SECAP vs SUMP

SECAP

- Objective CO_2 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 Covenatn 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

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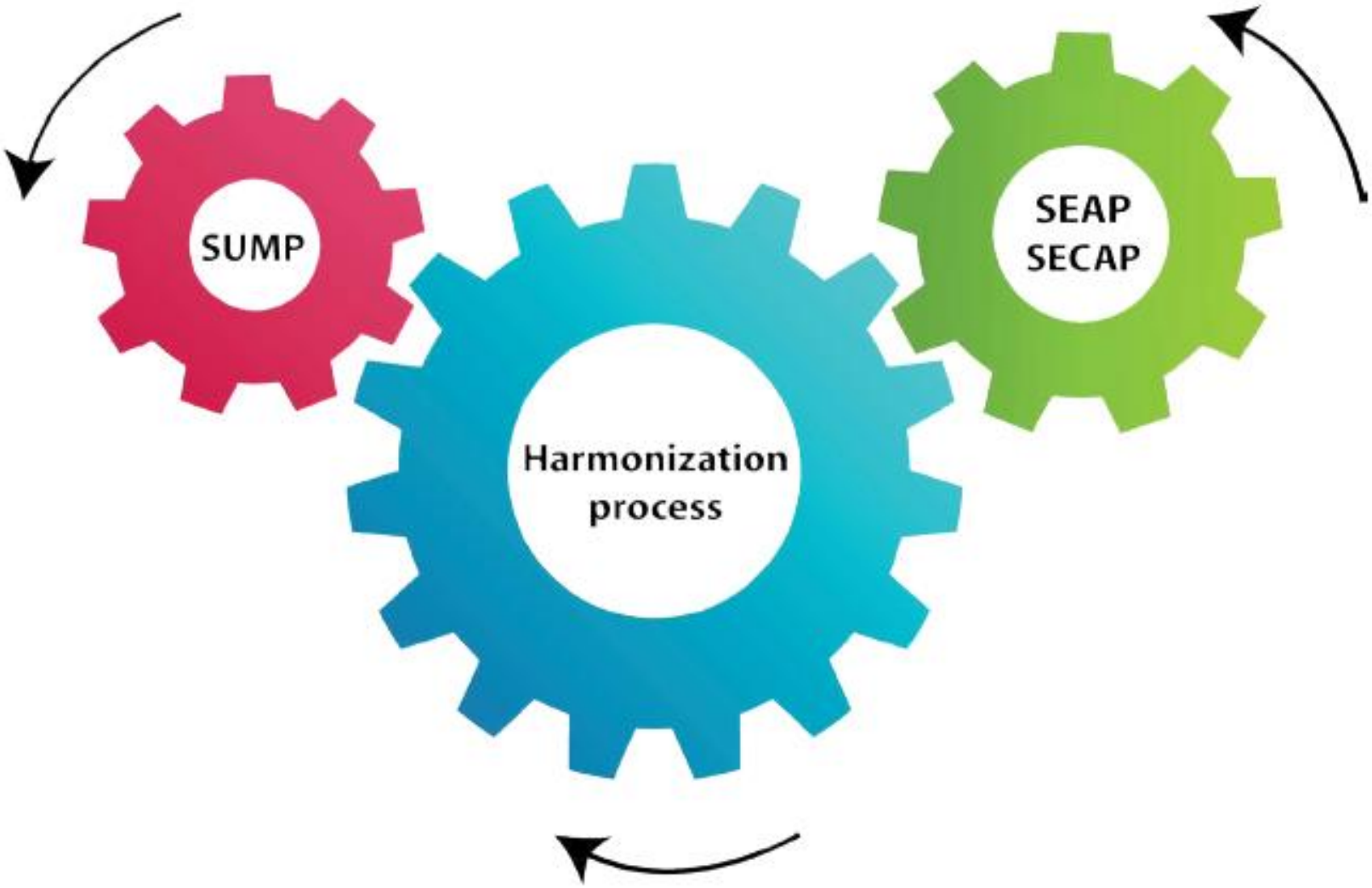

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Key principles

- 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

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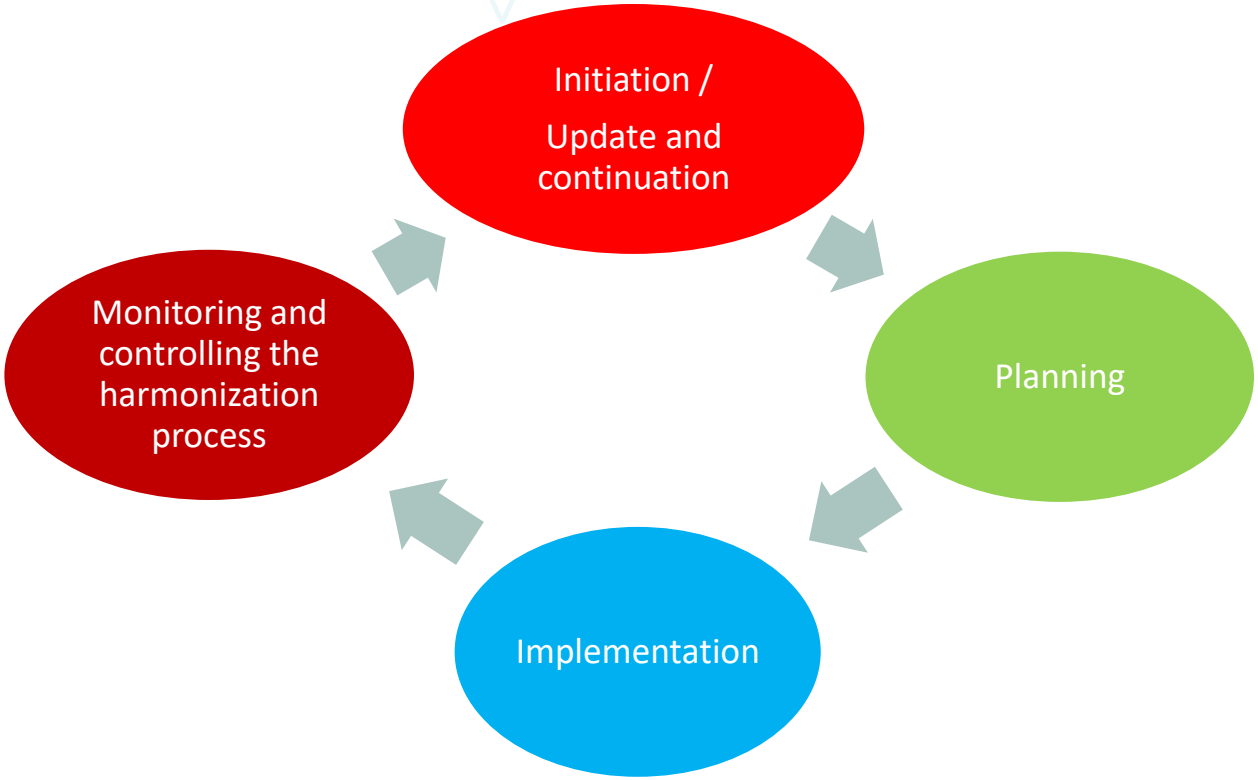
Circular process



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Phase 1 Initiation

- Political commitment
- Setting up the harmonization team

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Phase 2 Planning

- Initial assessment
- Involvement of partners and stakeholders
- Definition of work-plan

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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

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Phase 4 Monitoring and controlling

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

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Phase 5 Update and continuation

- **A**ssessment of the broader impact of the measures implemented (when a sufficient number of results is available).
- **A**nalysis of the planning process, the actual plans and their implementation with an eye to success stories and failures.
- **E**nhancement of the understanding of the planning process and overall impact of implemented measures.
- **D**ocumentation of lessons learned to prepare for the next SECAP or SUMP generation.
- **L**isting of objectives that could not be reached, but are still on the agenda.
- **C**ommunication of the “lessons learnt” to the harmonization team and key stakeholders.
- **C**onsolidation of planning framework.

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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

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Extreme rainfall events

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

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Heat wave

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

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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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