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# Harmonizing SUMPs and SEAPs/SECAPs: innovative perspectives for sustainable cities



AREA SCIENCE PARK  
Stefano Alessandrini



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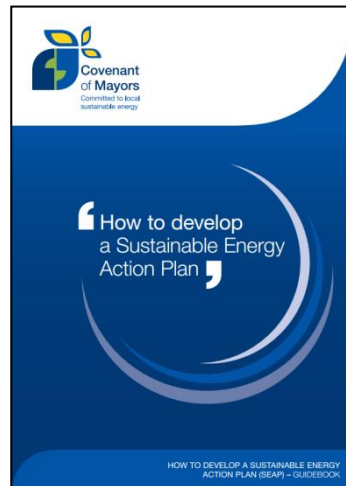
# SEAP and SECAP

## Sustainable Energy Action Plan

- It's a key planning document aimed at promoting energy efficiency and the use of energy from renewable energy sources in a local authority's territory
- Overall objective of reducing CO2 emissions by a minimum of **20%** by the year 2020
- Key sectors:
  - Municipal buildings equipment/ facilities
  - Tertiary (non-municipal) buildings equipment/facilities
  - Residential buildings
  - Transport
  - Public lighting
  - Green public procurement
  - Local energy production

## Sustainable Energy and Climate Action Plan

- Are strategic plans promoting energy efficiency, use of renewable energy sources and **adaptation** to climate change
- Overall objective of reducing CO2 emissions by a minimum of **40%** by the year 2030
- Key sectors:
  - Municipal buildings equipment/ facilities
  - Tertiary (non-municipal) buildings equipment/facilities
  - Residential buildings
  - Transport
  - Public lighting
  - Green public procurement
  - Local energy production
  - Land Use Planning,
  - Environment & Biodiversity, Economy



# SUMP

**Concept:** a strategic plan designed to satisfy mobility needs of people and goods in cities for a better quality of life

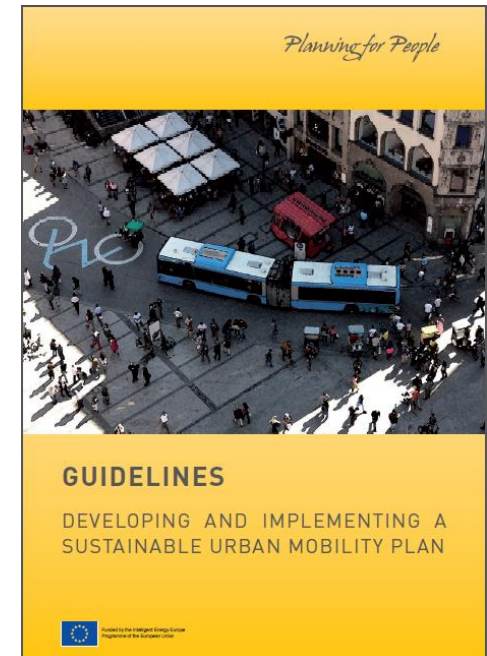
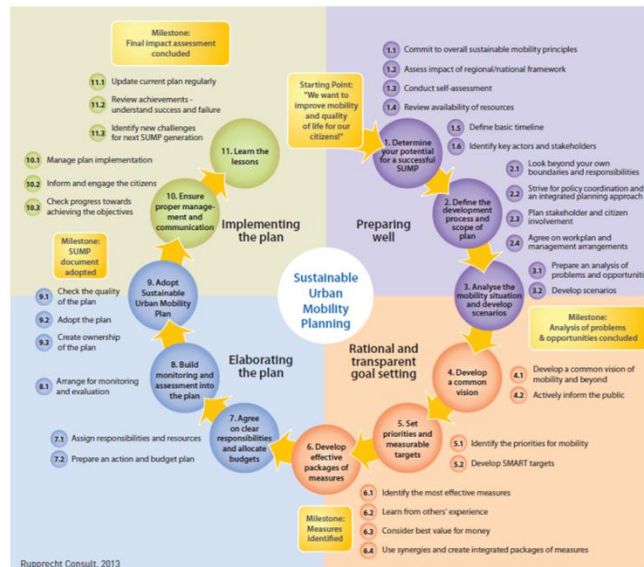
**Scope:** all modes of urban and peri-urban transport including public and private, passenger and freight, motorized and non-motorized

**Purpose:** a sustainable urban transport system able to

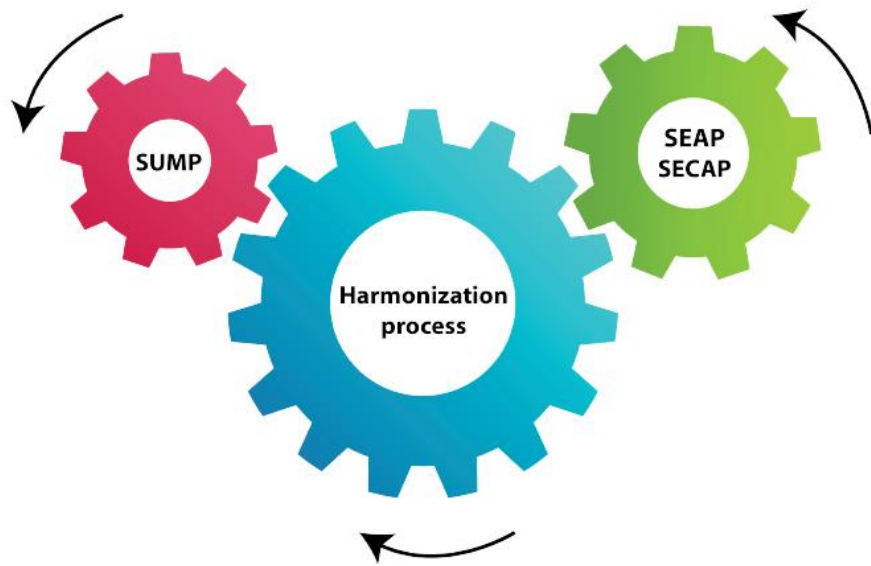
- ensure accessibility for all citizens;
- improve safety and security;
- reduce air and noise pollution;
- increase efficiency and cost-effectiveness of transportation of people and goods;
- enhance attractiveness and quality of the urban environment.

## Approach:

- Building on existing practices
- Clear long-term vision, objectives and measurable targets, regular monitoring and evaluation
- Participatory approach (involving stakeholders and population in decision making);
- Integrated approach (horizontal and vertical, spatial and energy planning, welfare and health policies);
- Cyclical approach.



# SIMPLA MISSION



Harmonising SEAPs/SECAPs  
& SUMPs  
it's SIMPLA

so today question is...

## is it really simple to harmonize SEAPs and SUMPs?

# SIMPLA guidelines: 4 steps to harmonization



# SEAP vs SUMP

## SEAP

- Objective CO<sub>2</sub> reduction
- Baseline with comprehensive overview of energy generation/consumption
- Single scenario: 2020 vs BEI year
- Centralized Monitoring by Covenant of Mayors Office

## SUMP

- Objective: improve quality of life
- Context analysis based mainly on transport infrastructure, mobility and socioeconomic data
- Comparison of scenarios
- Decentralized made directly by the city

# Shall we give up?

Fortunately there are several points in common...

Several fields of action are common or synergic as for example:

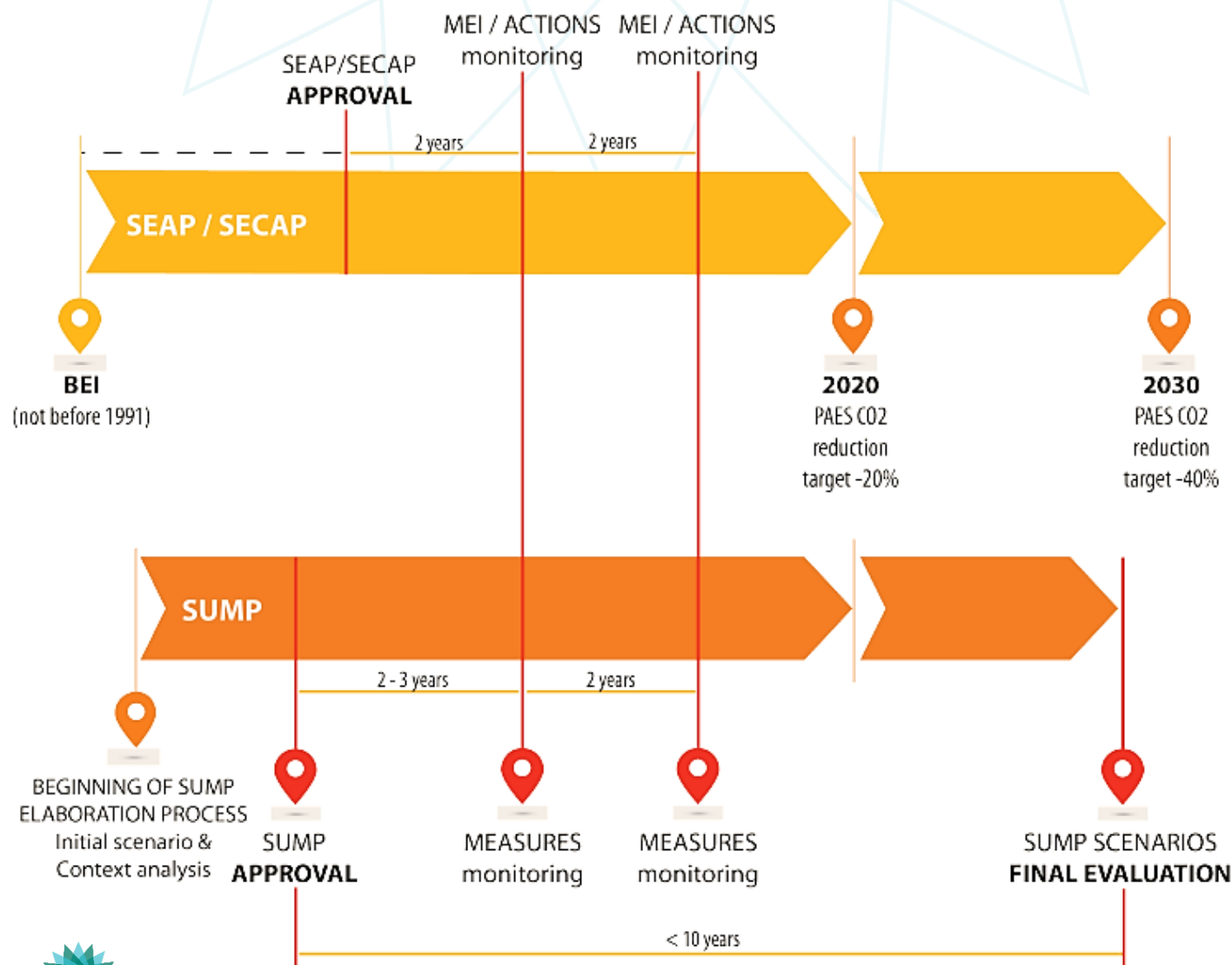
- low carbon vehicles (and electricity generation)
- promotion of walking and cycling
- actions aimed at reducing the number of private vehicles
- etc..

Involvement of stakeholders

Several indicators



# 1 Example: Harmonized monitoring





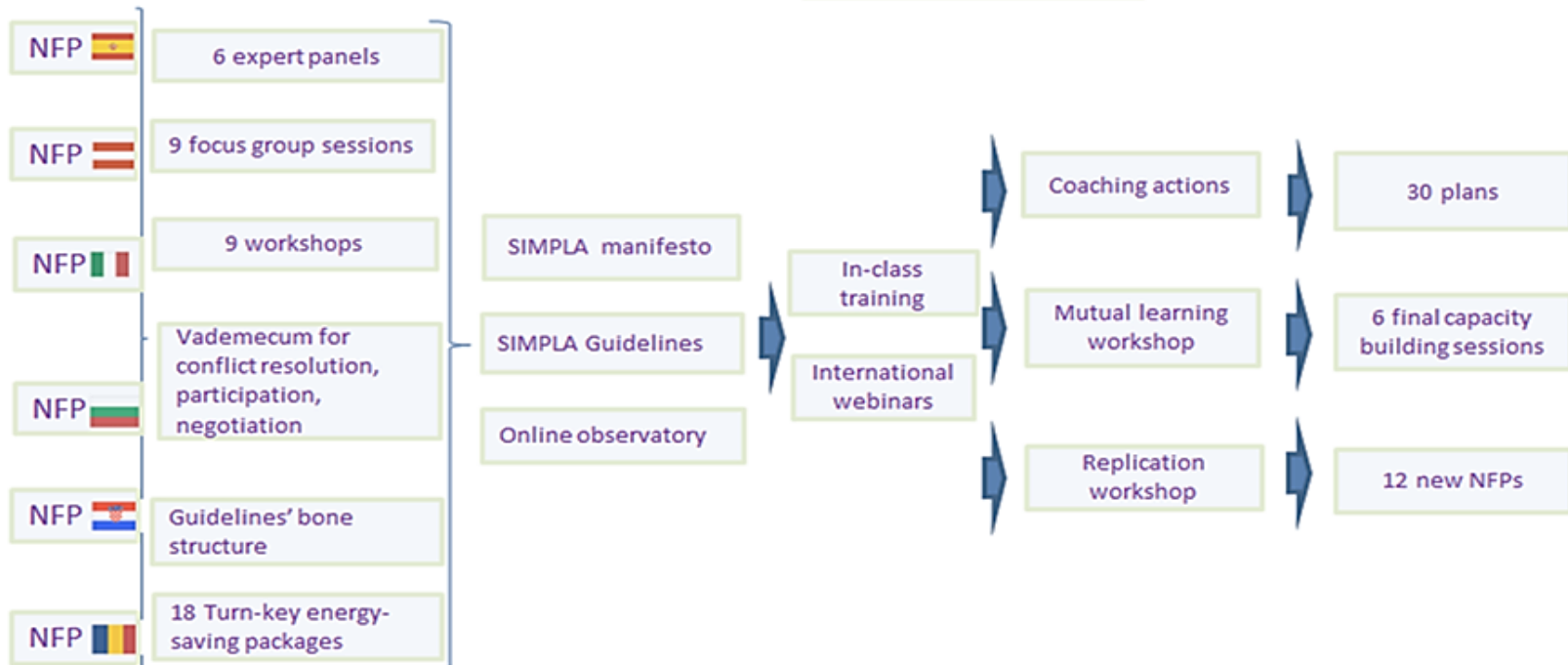
# Integrating SEAPs and SUMPs: it's SIMPLA!

## WP 1 MANAGEMENT

## WP 2 – DEFINITION OF THE SIMPLA INTERNATIONAL INTERVENTION MODEL

## WP 4 – CAPACITY BUILDING

## WP 5 – COACHING



## WP 3 – SIMPLA GUIDELINES AND ONLINE OBSERVATORY

## WP 6 – MUTUAL LEARNING AND FOSTERING REPLICATION

## WP 7 - COMMUNICATION AND DISSEMINATION

# SIMPLA: partners and figures

**Italy:** AREA Science Park, Friuli Venezia Giulia Regional Govt. Tuscany Regional Govt., Promoscience

**Austria:** STENUM, Land (federal state) Kaernten

**Spain:** CIRCE, Diputación Provincial (county of) de Huelva, Diputación Provincial (county of) de Zaragoza

**Bulgaria:** DLAEM (energy agency), UBBSLA Union of Bulgarian Cities on the Black Sea

**Croatia:** REA Kvarner (energy agency), PGKC Zupanja (county), Istria Zupanja (county)

**Romania:** ALEA (energy agency), County of Alba Julia

## Within project timeframe 2016-2019

6 SIMPLA NFPs  
+ 12 new NFPs established  
(international organizations committed to replicate the action )

9 focus groups sessions with at least 90 relevant actors  
9 workshops involving at least 90 stakeholders  
300 hrs in-class training  
144 technical officers from 72 local authorities trained  
6 webinars dedicated themes  
1,900 hrs coaching

## Within project timeframe 2016-2019

800 public officers influenced  
30 new and improved policies and plans (integrated SEAPs and SUMPs)

2.750.000 final consumers impacted  
3,2M€ cumulative investments  
82,6 GWh/year energy savings (primary energy)  
19,6 GWh/year renewable energy production

## Mid- to long-term: 2018-2025

12 new SIMPLA NFPs

174 new and improved policies and plans  
13.290.000 final consumers impacted

61,4 M€ cumulative investments  
1.642,3 GWh/year energy savings (primary energy)  
402 GWh/year renewable energy production

# Objectives

## SIMPLA

- public authorities
- capacity building
- for planning and monitoring
- Harmonisation of sustainable energy (SEAP, SECAP) and mobility (SUMP) plans

## FosterREG

- public authorities
- capacity building
- for designing, planning, **financing and managing**
- **integrating energy efficient renovation of buildings within urban regeneration strategies**

# Tools and results

## SIMPLA

- Guidelines for harmonization of SEAPs and SUMP
- Tailored in-class training
- Webinars
- Dedicated experts' support
- **Results:**  
**Harmonized plans**

## FosterREG

- National workshops
- Identification of gaps/barriers
- Development of strategies
- **Results:**  
**Propose improvements in the regulatory framework and current practice**



# Contact

Fabio Tomasi

AREA Science Park

Padriciano, 99

34149 Trieste - Italy

[fabio.tomasi@areasciencepark.it](mailto:fabio.tomasi@areasciencepark.it)

[www.simpla-project.eu](http://www.simpla-project.eu)



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