Wuppertal Institut

The SUMP 2.0 process and the role of public procurement

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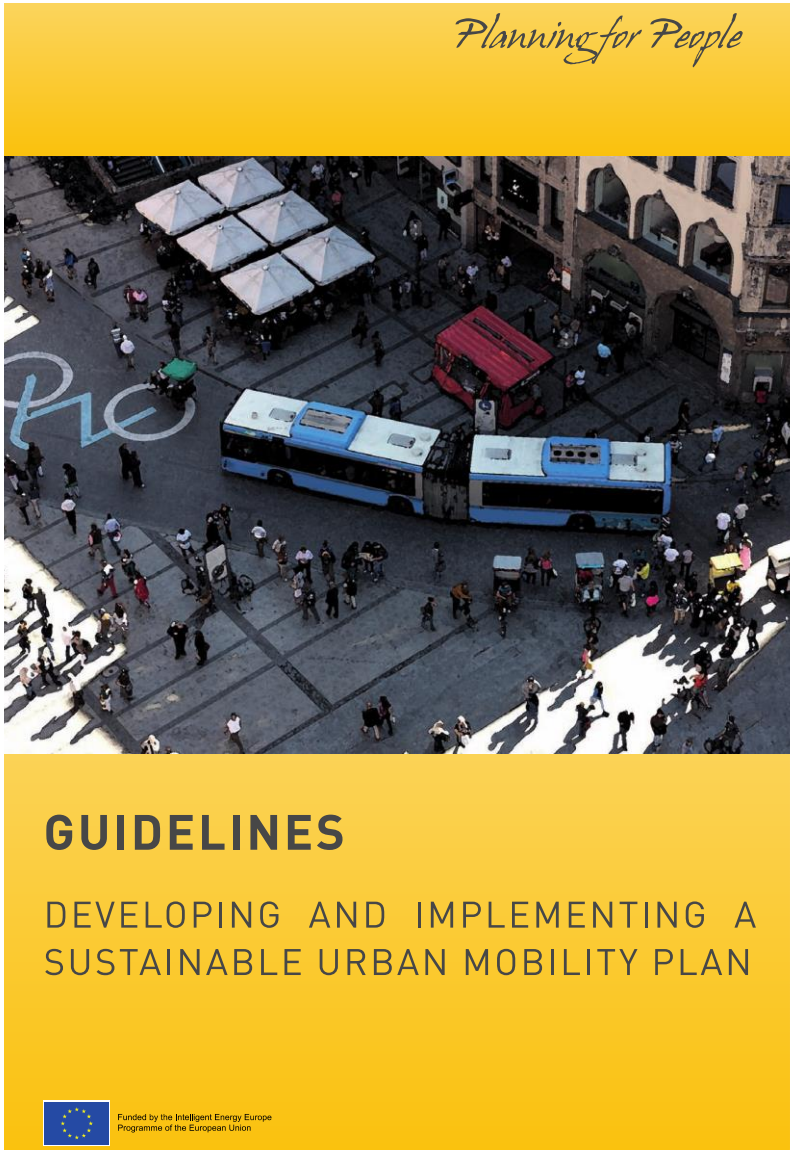
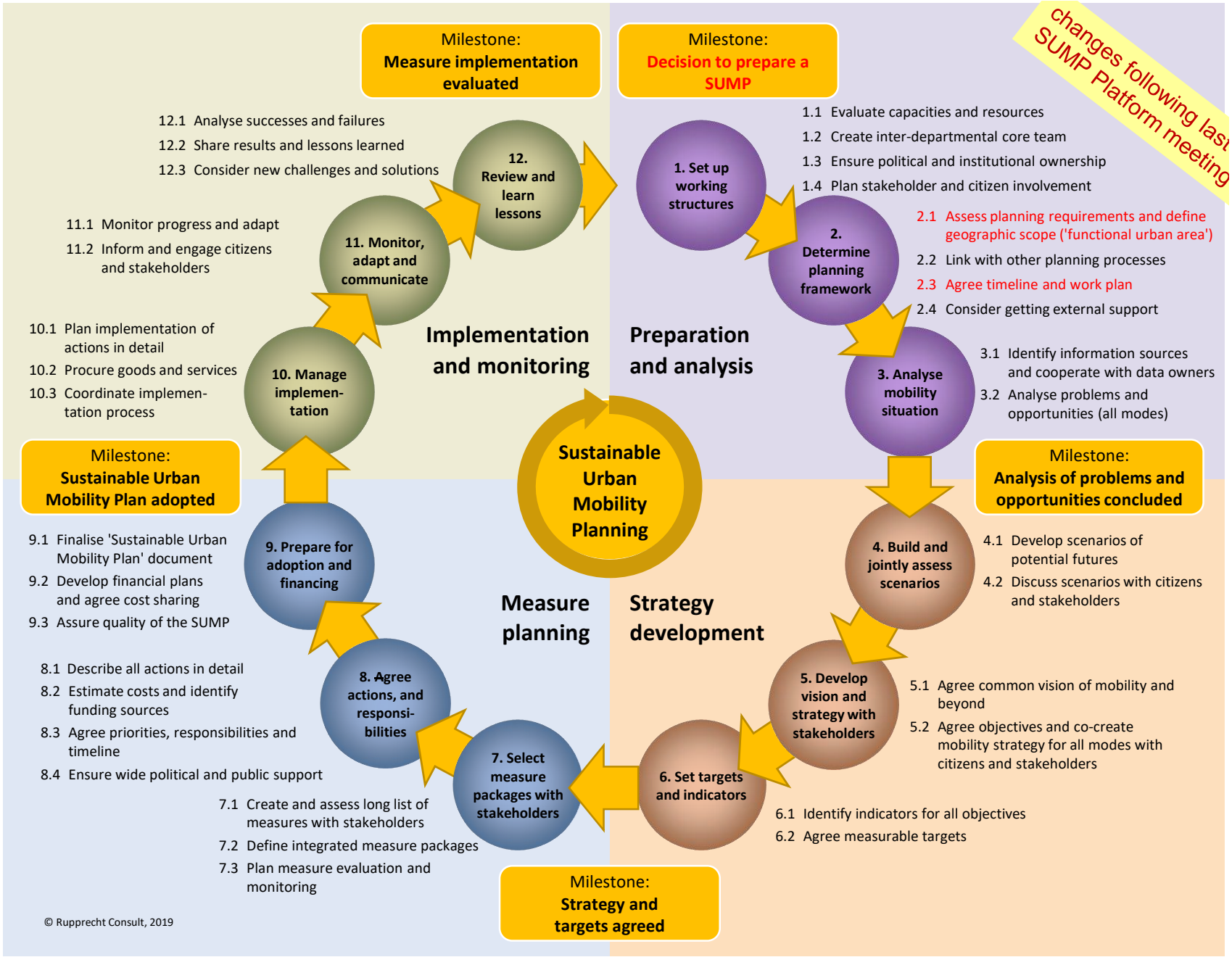
SUMP 1.0

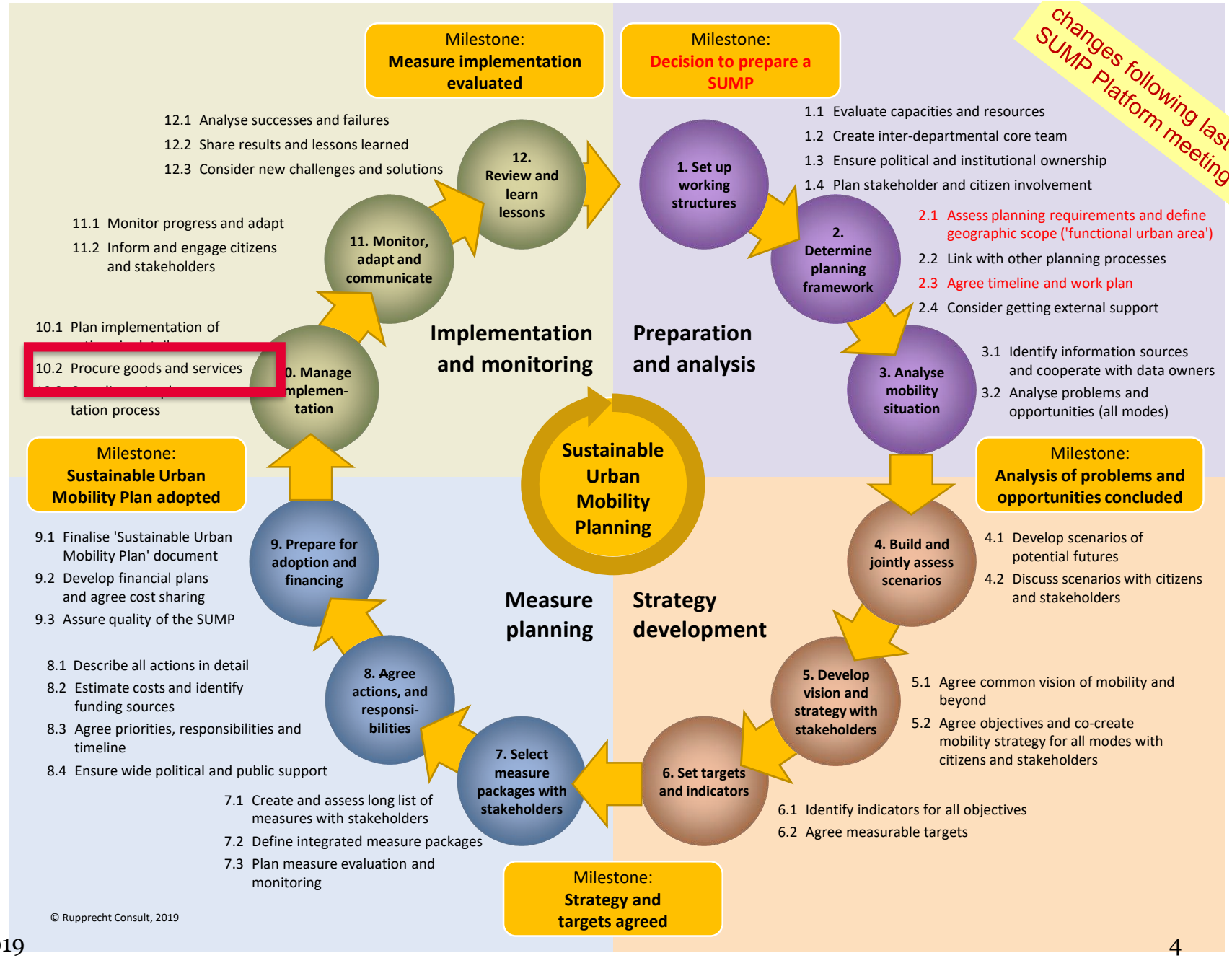
A Sustainable Urban Mobility Plan is a strategic plan designed to satisfy the mobility needs of people and businesses in cities and their surroundings for a better quality of life. It builds on existing planning practices and takes due consideration of integration, participation, and evaluation principles.



The 12 Steps of Sustainable Urban Mobility Planning (SUMP 2.0) - Overview

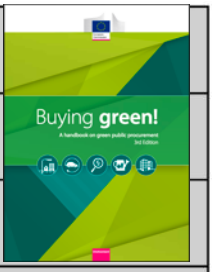


Public procurement in the SUMP cycle



Procurement steps

Step 1: Preparation & planning	Defining the need in terms of functions
	Open and restricted procedure
	Competitive dialogue and negotiation
	Using joint procurement
Step 2: Publication and transparency	Approaching the market
	Using performance based specifications
	Additional specifications of products, services and works
Step 3: Submission of tenders &selection of tenderers	Using selection and award criteria
Step 4: valuation of tenders and award	Life cycle costing
Step 5: Contract implementation & management	Monitoring and reporting obligatoins
	Quality standards and bonus/malus schemes



Spotlight: Joint procurement
Electric busses in the Piedmont region

- In a first step, the single public transport providers defined their needs, propose the number of busses, routes and charging infrastructure.
- Afterwards the Region as a funding agency defined one public transport provider as procurement agent due to its former experience with e-busses
- Each company signed independent contracts with the supplier of the e-busses.
- The procedure saved administrative efforts and reduced procurement costs
- 23 buses cost about 8.5 million euros

Spotlight: Defining technical specifications of buses using computer models in Cluj-Napoca

Computer modeling to determine ideal drive systems and routes

- energy efficiency and cost for different kinds of busses
- lowest possible values for
  - CO_2
  - local pollutants
  - noise

The results of the simulations were used to define minimum criteria and technical specifications in the tender documents

Spotlight: Recycled asphalt for road surfacing in Hamburg

Description of work included

- the milling of the top layer to a depth of 4cm
- the recycling process in a state-of-the-art reclaimed asphalt pavement equipment
- the rejuvenation of the binder, and
- the use of a low-temperature asphalt to achieve energy efficient production and laying process.

As a result, energy input, CO_2 emissions and the use of raw materials were reduced. Also, the health conditions of the operating staff were improved

Spotlight: Ile de France Mobilités quality aspects in PT contracts

Contracts contain a bonus-malus scheme with financial incentives or penalites for operators depending on their performance:

- Punctuality and regularity of services
- Passenger Information (static and dynamic information in normal and disrupted situations)
- Ambience: Cleanliness of stations and vehicles; video surveillance, etc
- Access to transport areas, especially for people with reduced mobility
- Fast ticket vending machines and validation devices
- The perception of travellers

Spotlight: Contract performance clauses for bike sharing in Hamburg and Berlin

The tender defines inter alia:

- The service area and the number and location of stations
- The provision of a certain minimum number of bikes at each station within a given timespan
- Maintenance intervals
- Functionality of the customer interface

Thank You
For Your Attention

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