

# Public procurement of sustainable urban mobility measures

17 June 2019

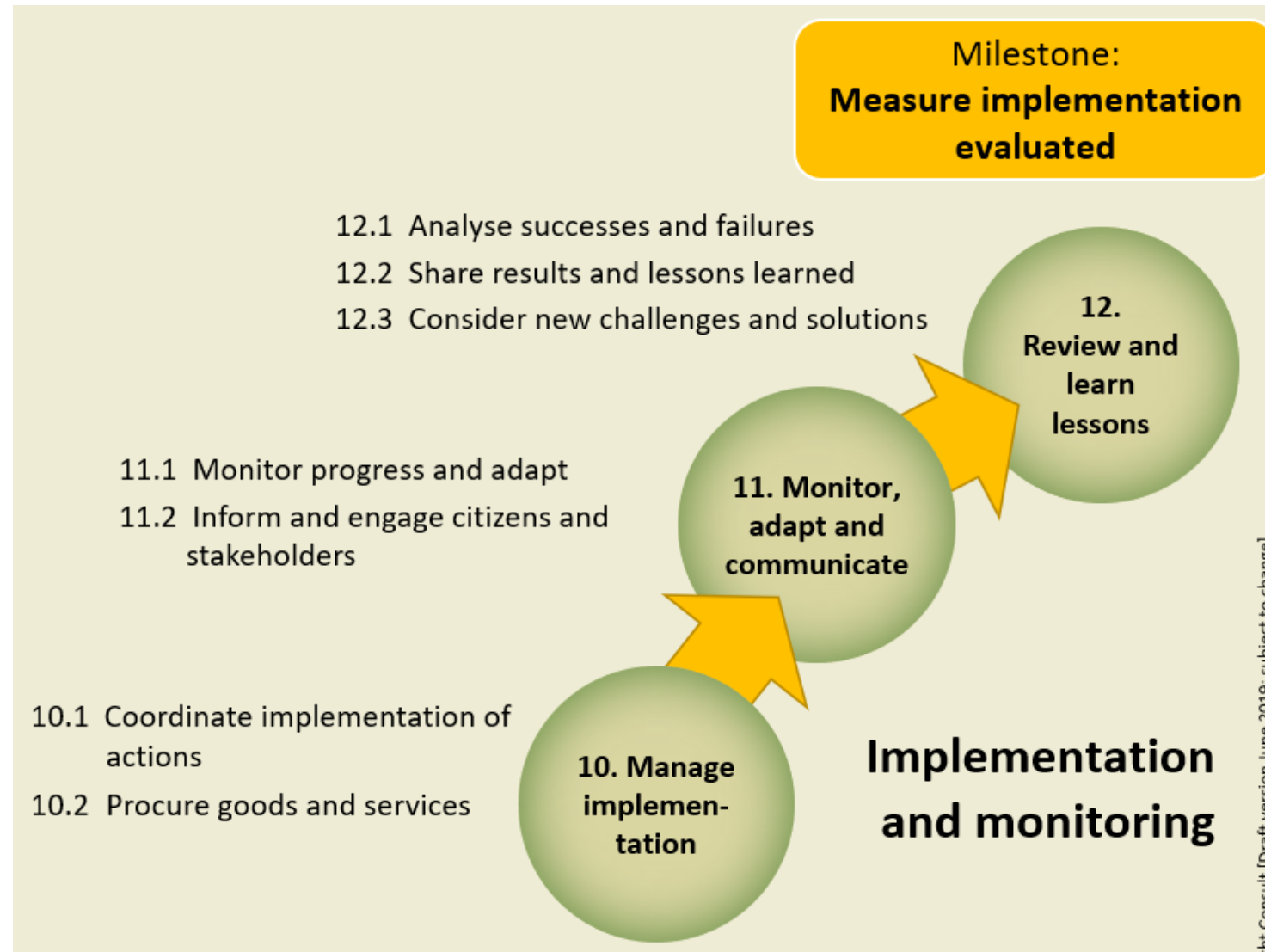
Dr Frederic Rudolph



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able urban mobility measures

## ➤ Activity 10.2:

Public procurement  
accounts for 14-16% of  
EU's GDP

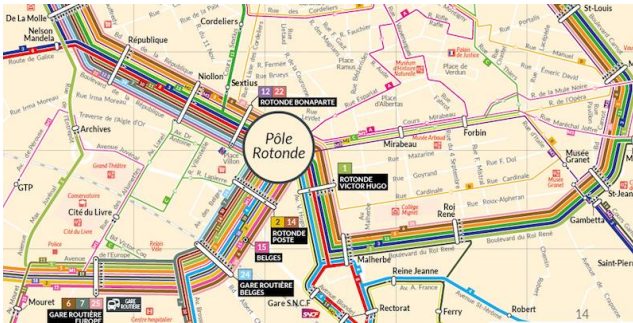


Product



1. Vehicles
2. Transportation services (delivery of people/goods)
3. Other services with a transportation footprint
4. Goods (purchase)
5. construction (transportation of goods)

Service



1. Vehicles
2. Equipment of vehicles
3. Stations
4. Punctuality
5. Other comfort

Works



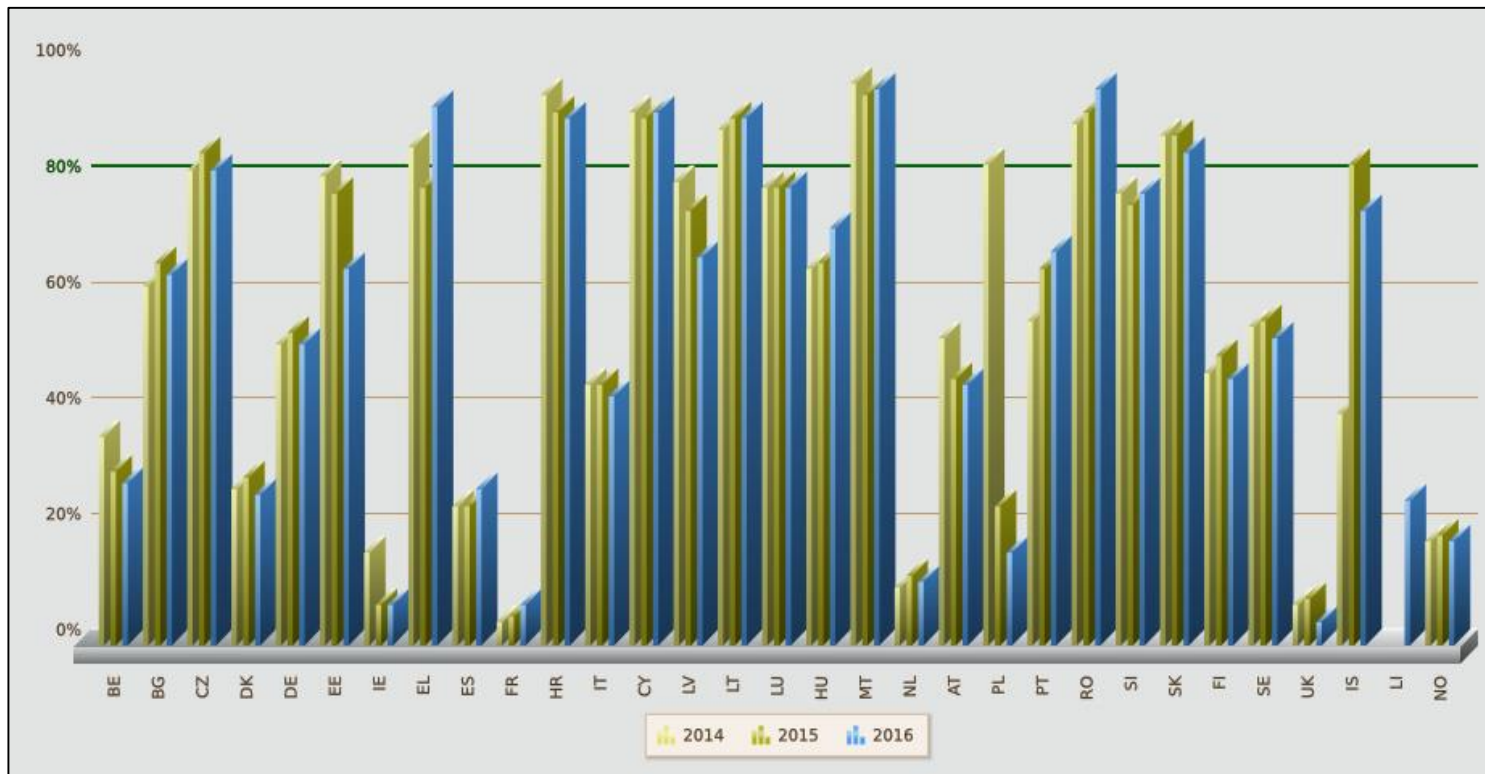
1. Vehicles
2. Material
3. Design

# Sustainable public procurement: overview

economic, social and environmental considerations as part of „price and quality“.  
Principles:

- „best value for money“
- „acting fairly“

## Share of successful bids with the lowest price in EU MS



Source: EC, Single Market  
Scoreboard. Performance  
per Policy Area

- Directive 2014/23/EU on the award of concession contracts
- Directive 2014/24/EU on public procurement, and
- Directive 2014/25/EU on procurement by entities operating in the water, energy, transport and postal services sectors
  
- Clean Vehicles Directive (2009/33/EC)



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## Definition of a clean vehicle:

- **Cars and vans:** for the first period (2021-2025), vehicles that emit up to 50g/km CO<sub>2</sub> and up to 80% of the air pollutant emission limits set in EU legislation; for the second period (2026-2030), only vehicles with zero-emission at tailpipe.
- **Trucks:** all vehicles running on alternative fuels
- **Buses:** all vehicles running on alternative fuels. Half of the targets for buses have to be met through vehicles with zero-emission at tailpipe.

## Ranges of national targets for clean vehicles in revised CVD

	2021-2025	2026-2030
Cars/vans	17.5–38.5%	17.5–38.5%
Trucks	6-10%	7-15%
Busses	24-45%	33-65%

Source: EC

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



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## 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: 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<sub>2</sub> 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 penalties 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

 Île de France  
mobilités



## 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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frederic.rudolph@wupperinst.org  
@fre\_rud



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