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PROCEDIN

Building Procurement Capability for Embedding and Driving Innovation

Legal Framework Training Functional Specification

Valentina Schippers-Opejko

Coordinator Urban Agenda Partnership on Innovative and Responsible Public Procurement on behalf of the City of Haarlem (NL), Chair Eurocities Working Group on Public Procurement



 vopejko@haarlem.nl

 [linkedin.com/in/valentinaschippers](https://www.linkedin.com/in/valentinaschippers)

 +31-6-46215424

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PROCEDIN:
PROcurement
Capability
Embedding and
Driving
INnovation

What is Procurement of Innovation?

Public procurement is the process by which public authorities

What domains are covered by the Project?

Green Circular

PROJECT MISSION

INNOVATION PROCUREMENT CAPABILITY

We are on a mission to encourage the Procurement of Innovation capability development and accelerate the growth of Circular Economy and Green Mobility innovation ecosystems.

What is Procurement of Innovation?

Public procurement is the process by which public authorities (such as government departments or local authorities) purchase works, goods or services from companies previously selected via a regulated, competitive and transparent procedure.

Innovation Procurement happens when public procurers procure the development (PCP) or deployment (PPI) of pioneering innovative solutions to address specific mid-to-long-term public sector needs.

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Green Mobility



Circular Economy



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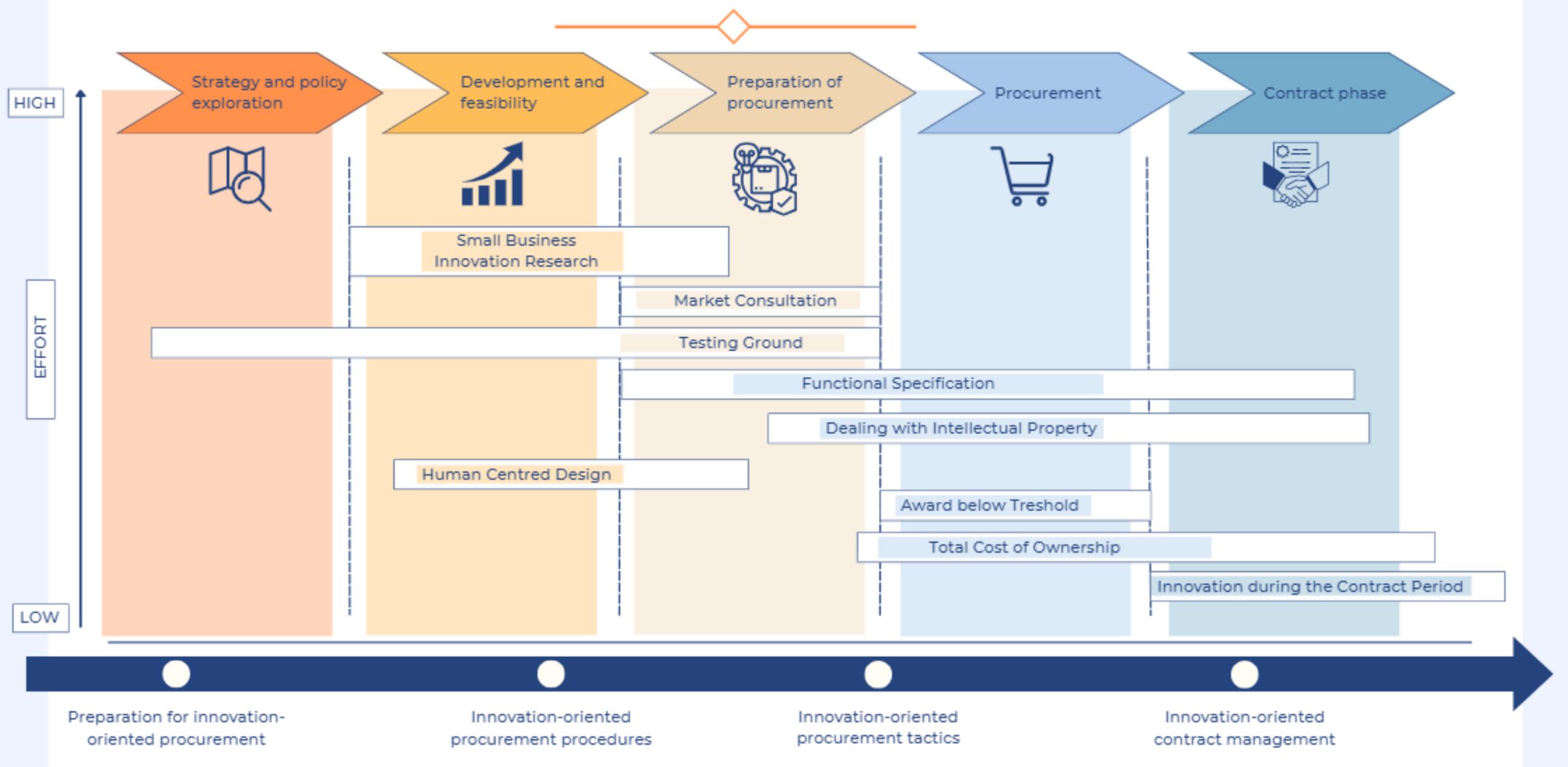
Green Mobility



Circular Economy



CHOOSE THE RIGHT INSTRUMENT



Functional Specification

A step-by-step guide

1 WHEN IS FUNCTIONAL SPECIFICATION USEFUL?

Specify functionality:

- Possible added value of supplier
- Stimulate innovation as a goal

2 MAKE AN OVERVIEW OF FUNCTIONAL NEEDS

Get a fundamental understanding of needs:

- Which problem do you want to solve?
- Why is this a problem?
- What is the reason of this problem?
- Find a balance between specific and general questions

Every user group has its own needs

3 FORMULATE THE SPECIFICATIONS

- ✓ Find a balance between requirements and latitude
- ✓ Use objective and neutral terms
- ✓ Make a mix of functional and detailed specifications
- ✓ Describe the needs of the organisation
- ✓ Ensure total coverage of the objective
- ✓ Describe the domains

4 CHECK THE SPECIFICATIONS

Estimation of suppliers:

- Use knowledge of suppliers and producers
- Think of a market survey or market consultation

5 CHECK THE SOLUTION

Describe not only the function of the solution, but make it also testable for an assessment or monitoring

Legal Framework

Recital 74 Preamble of the Directive 2014/24/EU on public procurement

Art. 42 of the Directive 2014/24/EU on public procurement

Gabrovo, Bulgaria: 3 Urban Electric Buses for Gabrovo

The aim of the tender was to achieve sustainable and ecological urban transport through the purchase of new buses.

This case has been put forward by the Municipality of Gabrovo, Bulgaria



When is functional specification useful?

Case

Gabrovo Municipality did not need objects, but goods that covered certain needs: no need for new buses but need for new transport infrastructure.



1 WHEN IS FUNCTIONAL SPECIFICATION USEFUL?

Specify functionality:

- Possible added value of supplier
- Stimulate innovation as a goal

Make an overview of functional needs

Case

- Need for new transport infrastructure
- Sustainable
- Environmental friendly

2 MAKE AN OVERVIEW OF FUNCTIONAL NEEDS

Get a fundamental understanding of needs:

- Which problem do you want to solve?
- Why is this a problem?
- What is the reason of this problem?
- Find a balance between specific and general questions



Every user group has its own needs

Formulate the specifications

Case

The specific requirement for the participants was: 22 batteries
(vehicle autonomy)



3 FORMULATE THE SPECIFICATIONS

- ✓ Find a balance between requirements and latitude
- ✓ Use objective and neutral terms
- ✓ Make a mix of functional and detailed specifications
- ✓ Describe the needs of the organisation
- ✓ Ensure total coverage of the objective
- ✓ Describe the domains

Check the specifications

Case

The market research - showed the presence of two technologies:
“standard” batteries and supercapacitor batteries.

4 CHECK THE SPECIFICATIONS

Estimation of suppliers:

- Use knowledge of suppliers and producers
- Think of a market survey or market consultation



Check the solution

Case

Requirements for the batteries:

- A single charging range of 250 km in traffic conditions
- Fully charged in 5 hours

Or

- To be able to run lines of one-way length of min. 20 km in traffic conditions
- Charged of max. 10 minutes at the end of the route



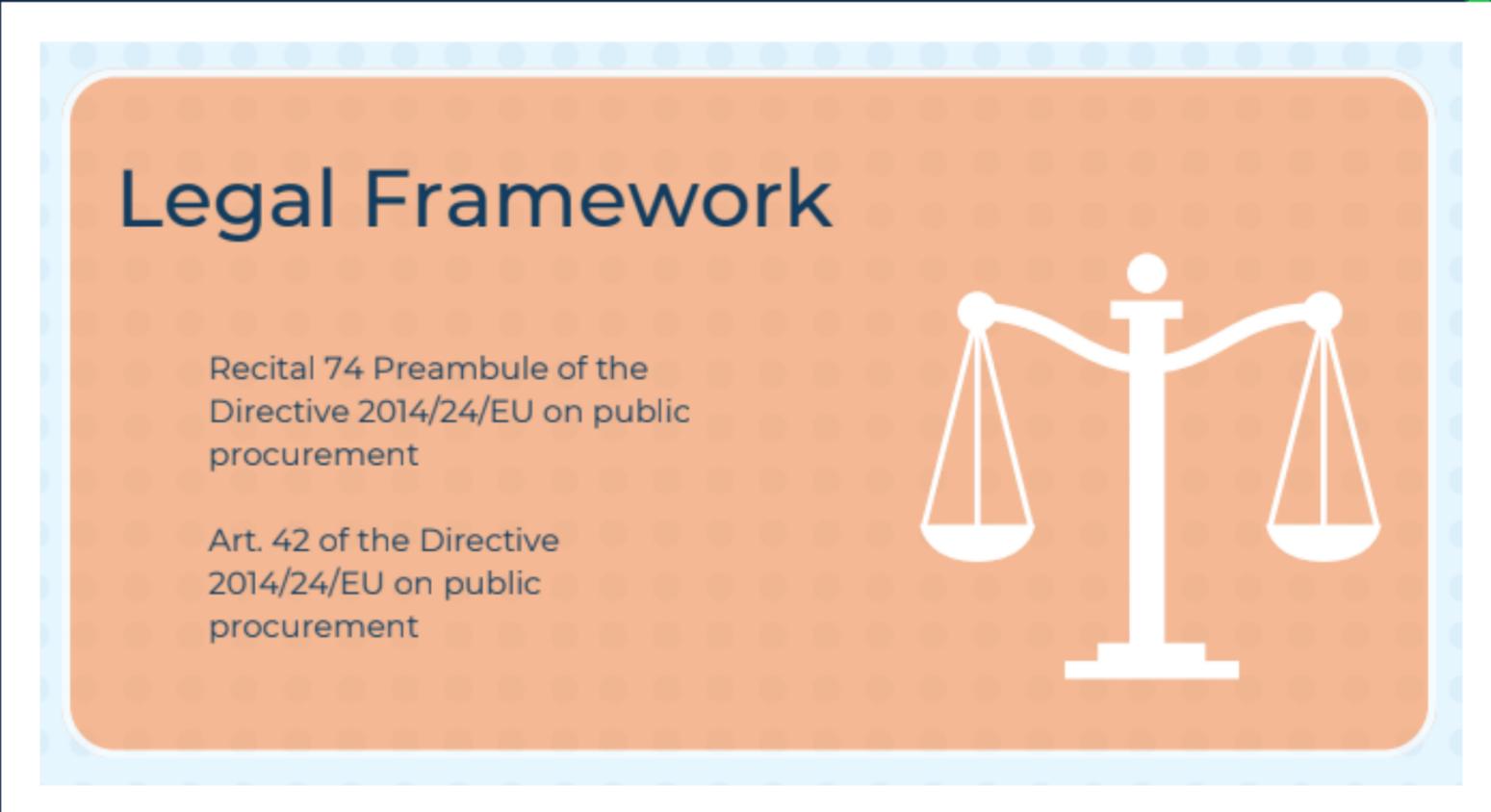
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Legal Framework

Case

The most important was the implementation of the option provided in Article 42, with the technical specification being laid down by means of performance or functional requirements for bus/battery to meet the specific needs of urban transport.



Legal Framework

Recital 74 Preamble of the Directive 2014/24/EU on public procurement

Art. 42 of the Directive 2014/24/EU on public procurement

The graphic features a white icon of a pair of scales of justice on a light orange background. The scales are positioned on the right side of the graphic, with the text on the left. The entire graphic is enclosed in a white border with a light blue dotted pattern.

Formulate need of your organisation as a functional specification, leaving space for creative and innovative solutions.



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