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PROCEDIN

Building Procurement Capability for Embedding and Driving Innovation

Legal Framework Training Functional Specification

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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.

What domains are covered by the Project?

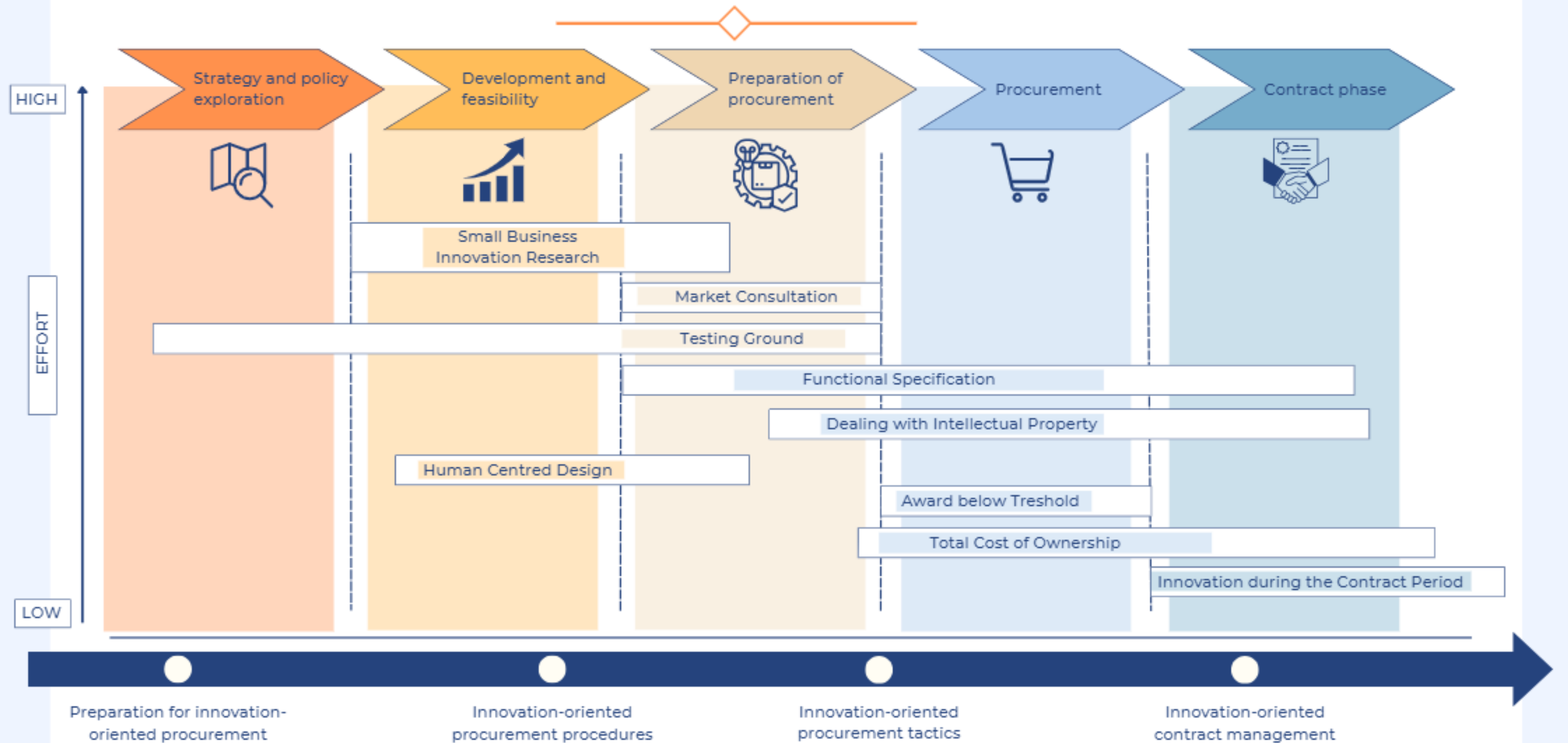
Green Mobility



Circular Economy



CHOOSE THE RIGHT INSTRUMENT



Functional Specification

A step-by-step guide



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

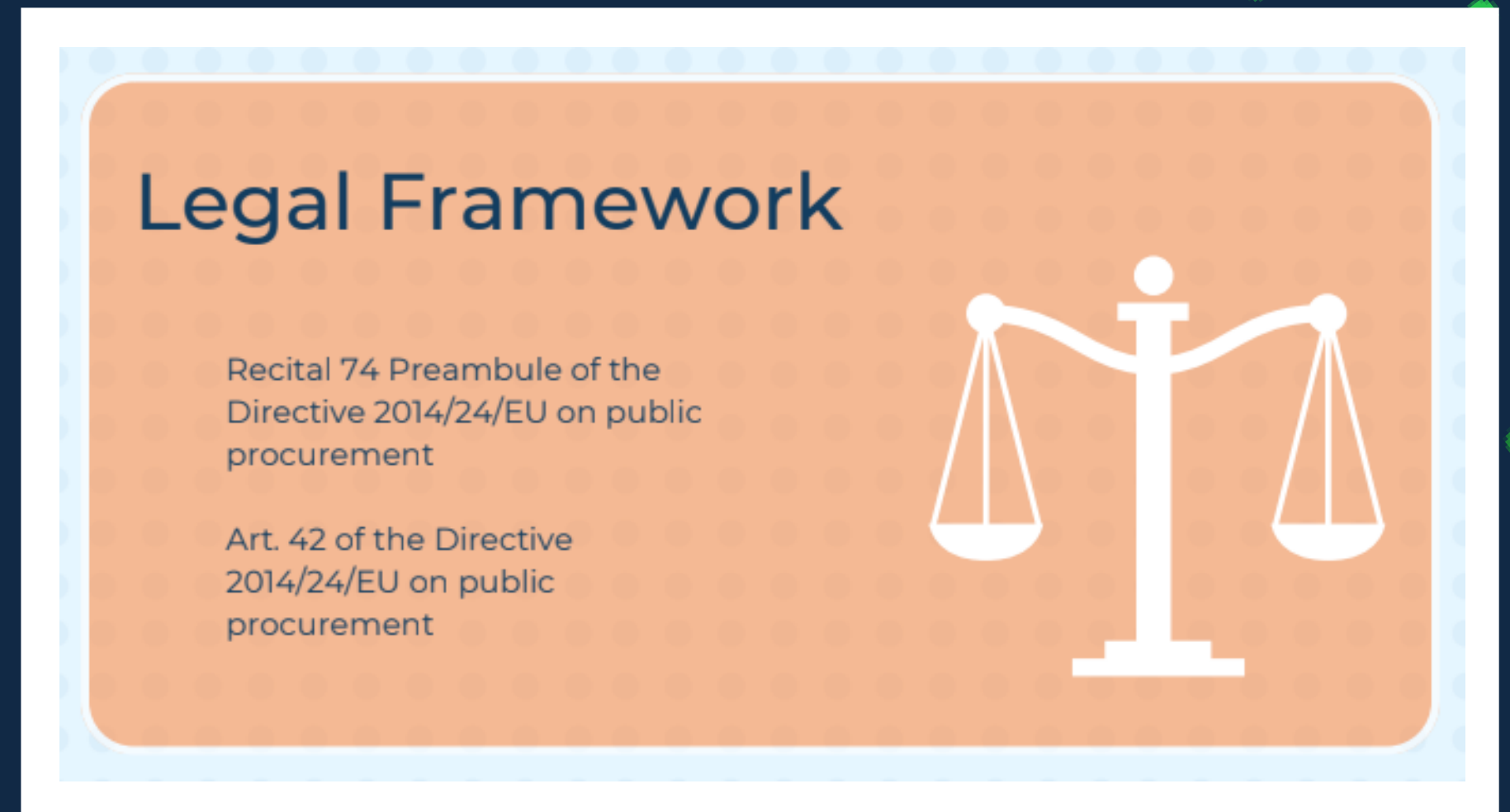
- To be able to run lines of one-way length of min. 20 km in traffic conditions
- Charged of max. 10 minutes at the end of the route



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.



Exercise

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



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