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PROCEDIN

Building Procurement Capability for Embedding and Driving Innovation

Legal Framework Training: Total Cost of Ownership

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PUBLIC PROCUREMENT

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?

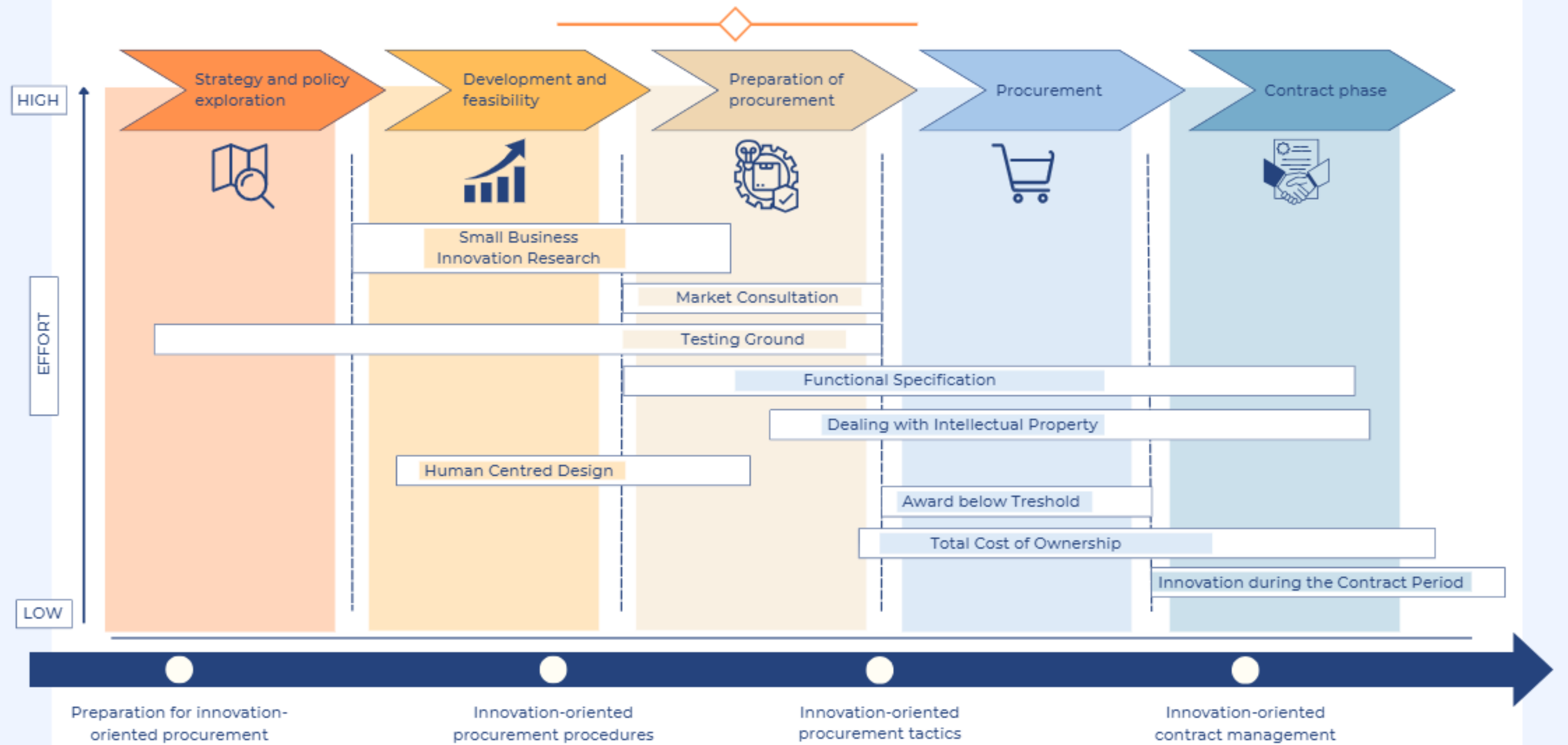
Green Mobility



Circular Economy

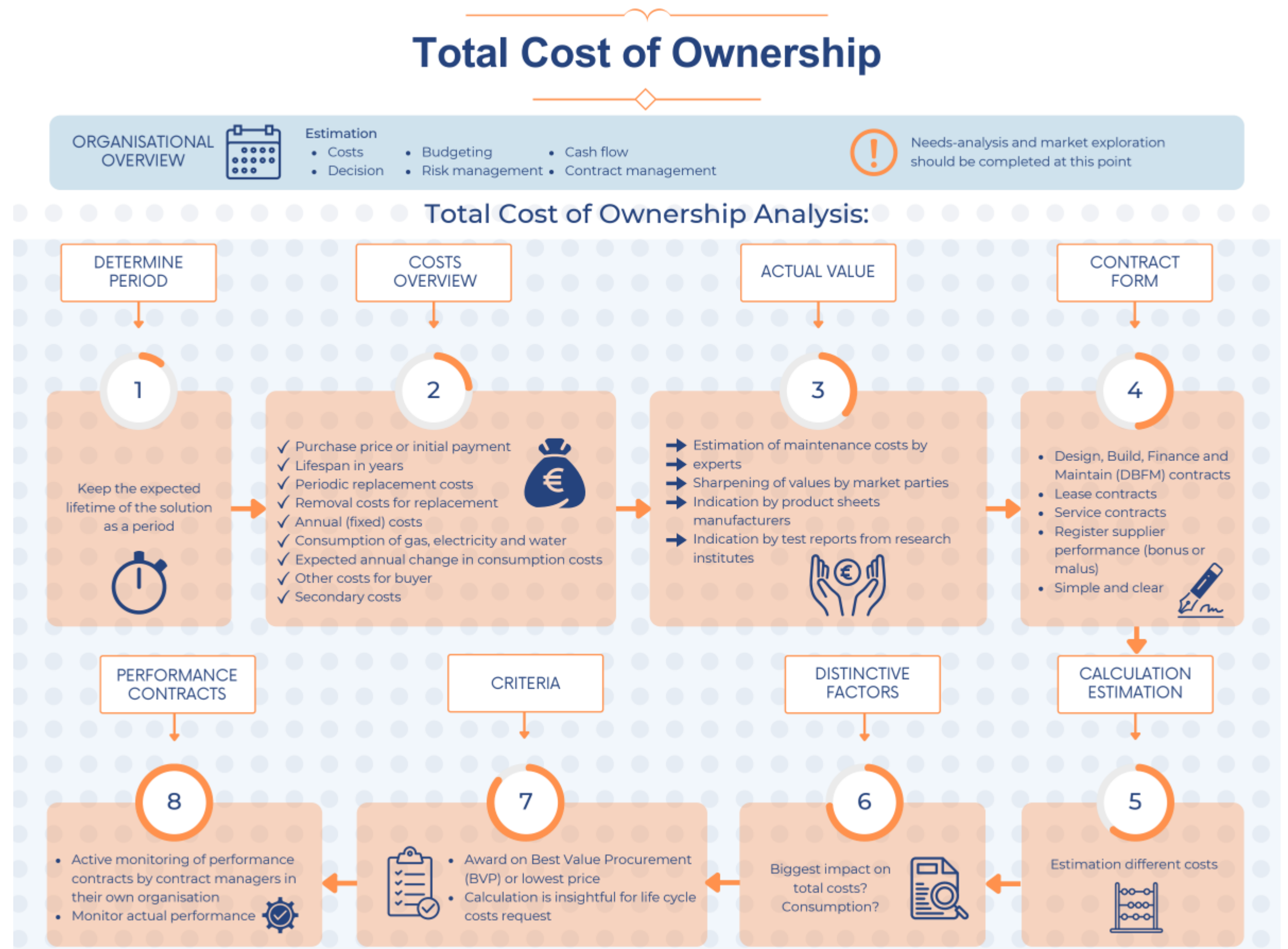


CHOOSE THE RIGHT INSTRUMENT



Total Cost of Ownership

A step-by-step guide



City of Helsinki, Finland: Planning and Development in the Renovation Procurement of Residential Buildings

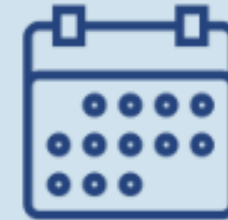
Improving energy efficiency and promoting circular economy through the renovation of three eight-stories buildings.

This case has been put forward by KEINO Competence Centre



Organisational Overview

ORGANISATIONAL OVERVIEW



Estimation

- Costs
- Budgeting
- Cash flow
- Decision
- Risk management
- Contract management



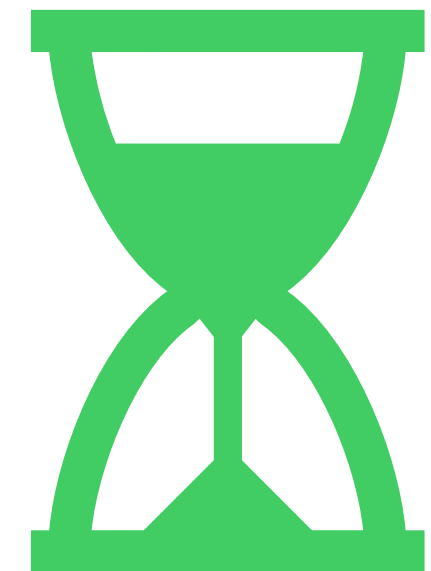
Needs-analysis and market exploration
should be completed at this point

Determine period



Case

The estimated duration of the development work from the tendering for the project planning stage up to the contract calculations was about 19 months.



Case

Lifespan:

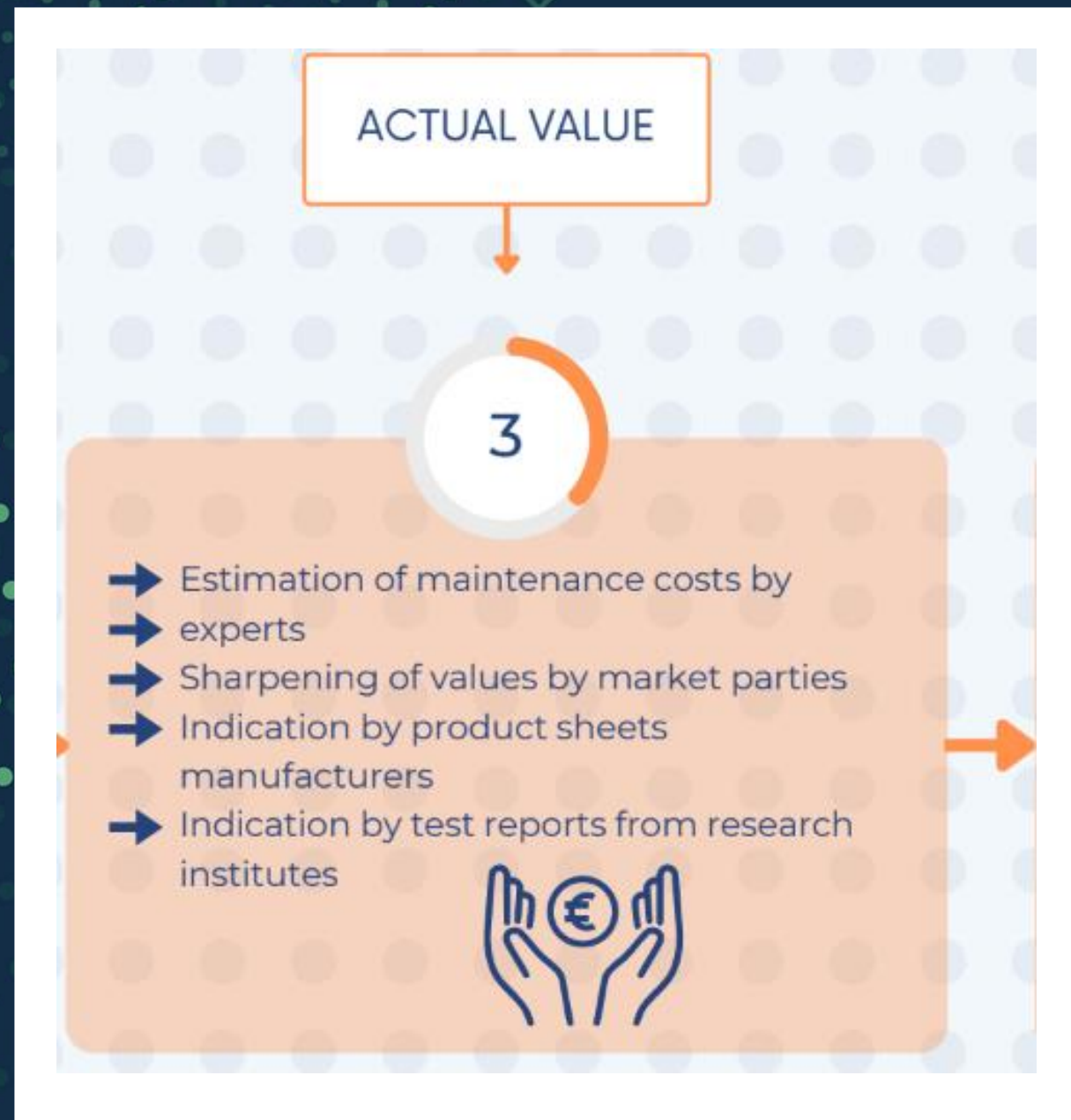
25 years was taken into consideration for technical and financial feasibility, maintenance aspects, energy efficiency and carbon footprint.



Costs overview



Actual value



Case

The market was involved, in particular, regarding the review work new to the City.

For the tendering for the multi-objective optimisation, implementers were chartered, experts were consulted, and the work carried out within the City in the past was studied.



Case

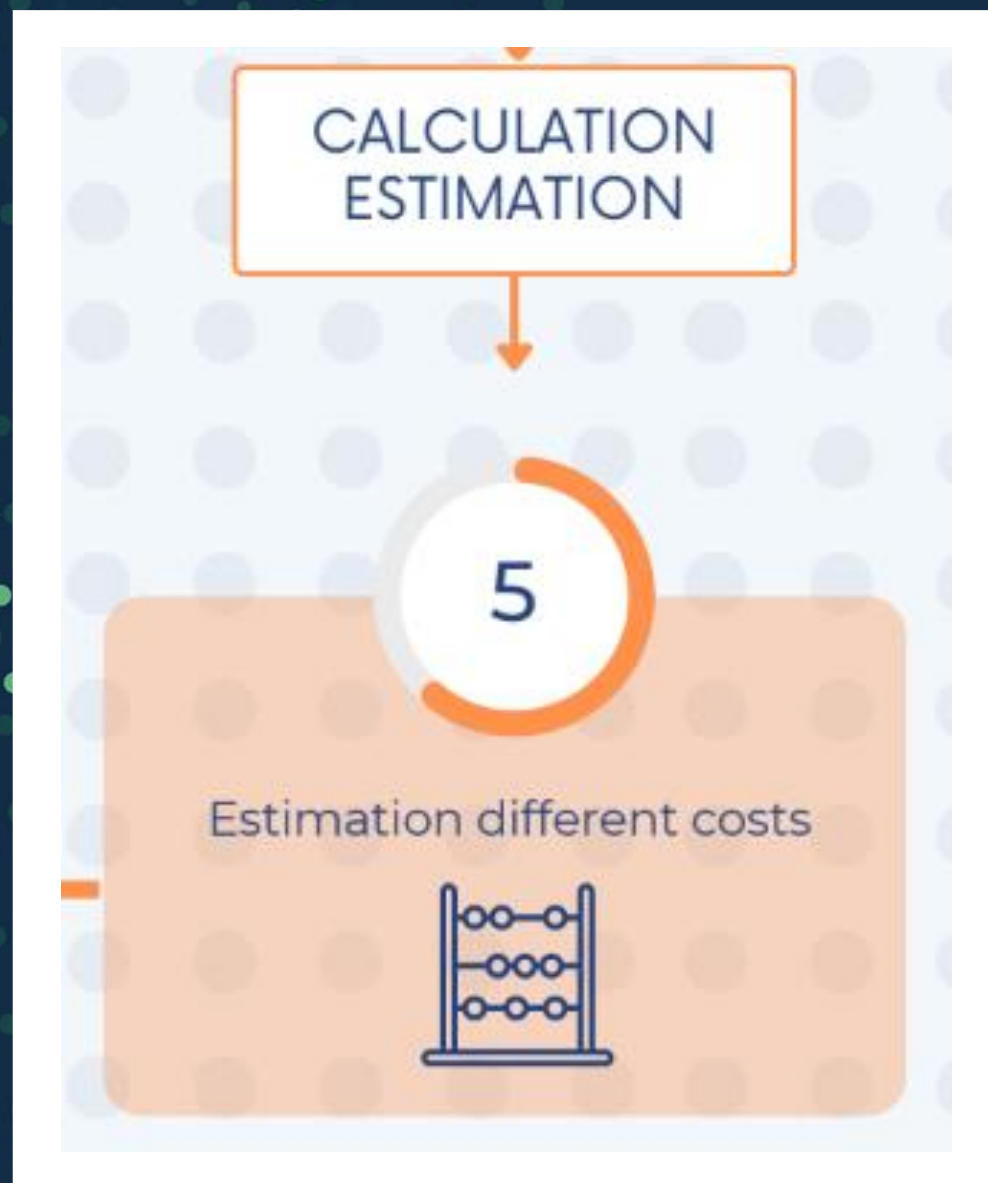
In order to take the environmental and climate impacts of the renovation into account, criteria were set for the planning based on the Carbon-neutral Helsinki 2035 Action Plan, as well as reviews carried out during the project



Contract form

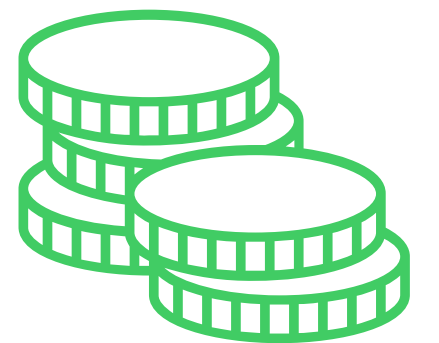


Calculation estimation



Case

Total cost estimate of the renovation project prior to the contract calculations: 47.4 million euros.



Case

Most emission comes from the heating and electricity consumption of buildings.



Distinctive factors

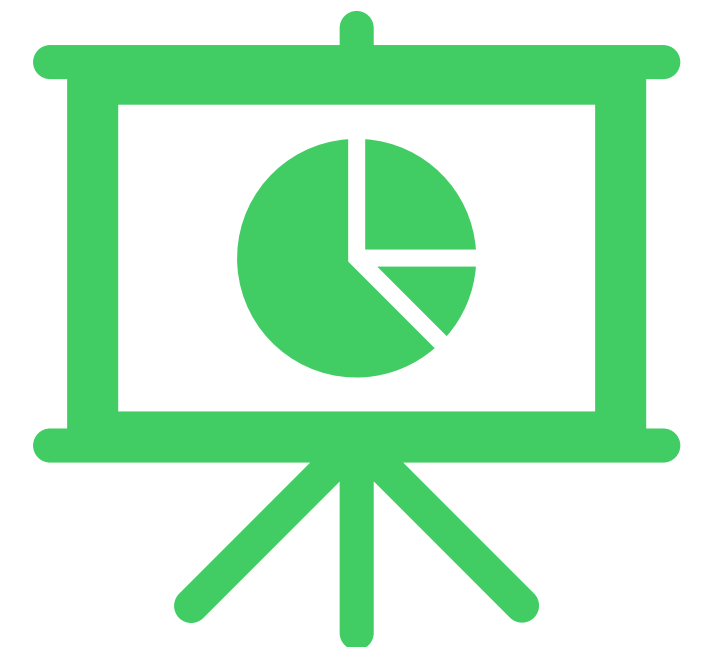


Criteria



Case

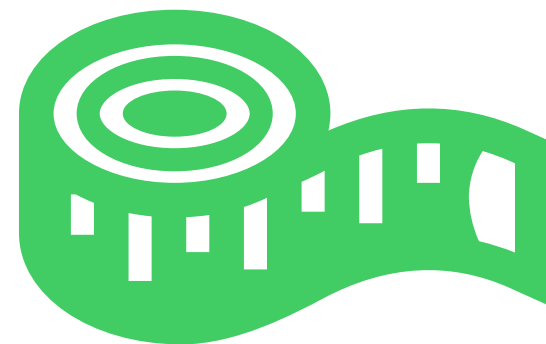
In all procurement parts, quality was weighted at 70%, while price was weighted at 30%.



Case

Several tools used, among others:

- energy optimization tools
- lifecycle carbon footprint calculation
- A reuse review and plan



Performance contracts



What are advantages of Total Cost of Ownership?

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