



Flanders
State of the Art

Programme for Innovation Procurement Opportunities for a circular mindset

BRINC – 19 March 2024 – Veerle Lories

VLAIO

Overview

- The programme for Innovation Procurement
- Some examples
- Other programmes & tools for sustainable procurement



Intro - Programme for Innovation Procurement – PIP

- **MISSION** Stimulate **public organisations** to use procurement as a strategic instrument for innovation
- **FOCUS** Develop and validate **INNOVATIVE SOLUTIONS** in response to public needs
incremental, disruptive, transformative technological, social, financial innovation.....
- **OUTCOME** **New and better** products, services and systems to improve the performance of government and to tackle societal challenges
- **INITIATIVE** Pilot programme of Government of Flanders – 2016
Structural innovation policy instrument from 2024 on

HOW do we work? – What do we offer?

- ▶ All public organisations can obtain:

- Information and advice on how to deal with public innovation procurement

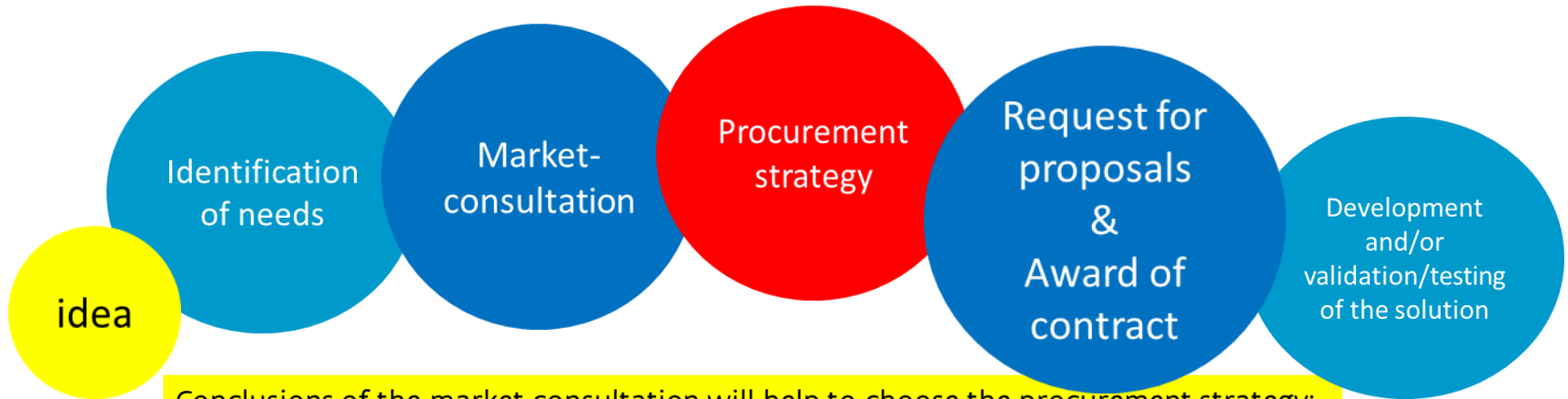
- ▶ PIP/PIO-projects, selected after calls for proposals can obtain:

- Guidance: by PIP-team and external consultant *(if necessary)*

- Financial support Indicative amounts

- Preparatory track ca. 35 000 euro (100% PIP/PIO)
- Feasibility studies 5.000 euro – 30.000 euro (50/50 partnership)
- Development projects 15 000 euro - 1 000 000 euro (50/50 partnership)
- Pilot projects 15 000 euro - 1 000 000 euro (50/50 partnership)

PIP-journey: From needs analysis to innovative solution



Conclusions of the market consultation will help to choose the procurement strategy:

- How to deal with the identified risks?
 - Need for phased approach? proof of concept? prototype development? testing?
 - Which procurement procedure is most appropriate ?
 - Procedure with negotiation, competitive dialogue, ...
 - Precommercial procedure,

Some circular PIP projects



Circular and sustainable trench silos

ILVO searches for a more environmentally friendly alternative to concrete silos in concrete with cement to resist acid silo juices.

[> Read more](#)



Development of an Optimo garbage truck

The simultaneous collection of the various separated waste fractions in one single transport is more sustainable and financially more interesting.

[> Read more](#)

Some circular PIP projects



Circular materials management in the public domain

Structurally embedding circular principles in the design and management of our public realm, and creating interaction between known and new elements.

[> Read more](#)



Circular eco-resource hub Schendelbeke

iLVA wants to build a prototype of a biochar installation. The installation should be able to process heterogeneous green waste into biochar.

[> Read more](#)

Some circular PIP projects



TOTEM

The Climate Knowledge Cell (KCK) wants to have a TOTEM (Tool to Optimise the Total Environmental impact of Materials) developed for infrastructure.

[> Read more](#)



Bio-waste-based facade cladding from local organic waste

Development of circular façade cladding for the new office and staff building, made from green waste arriving at their own site.

[> Read more](#)

Criteria tools for sustainable public procurement

- ▶ Cooperation of Flemish region – Department for Environment with the Dutch government
 - MVI-criteria tool – NL - online since 2018
 - MVOO-criteria tool – VL - online starting 30/04/2024
- ▶ 3 clusters
 - Automation and telecommunications
 - Office facilities and services
 - Office buildings
- ▶ 17 product groups

The SPP criteriatool - Future

- ▶ Improvement – Criteria updates
 - Criteria update process: ± every 1,5 year
 - Changes in policy, legislation, technology, market ...
 - Feedback from users and market

- ▶ Growth – New clusters and product groups
 - Transport and transportation: early 2026
 - Civil and hydraulic engineering: mid 2027



Inspiration and matchmaking for the Flemish circular economy

- **Partnership** of governments, companies, civil society, and the knowledge community,...
- **Focus on**
 - Bio-Economy
 - Chemistry/Plastics
 - Circular Construction
 - Manufacturing Industry
 - Food Chain
 - Water Cycles
- **Dedicated team** at OVAM (waste management agency)



Inspiration and matchmaking for the Flemish circular economy

- **Actions:**
 - (overview of) tools for circularity,
 - supporting circular procurement,
 - organising knowledge networks,
 - supporting innovation & entrepreneurship
 - monitoring progress,
- **Partnership in the Green Deal Care**
 - Together with many stakeholders en PIP

More information?

- Programme Innovation Procurement:



www.vlaio.be/pio

- Criteriatools for sustainable public proc.:

- Starting 30 april 2024

www.mvoocriteria.be

- Circular Flanders:

<https://vlaanderen-circulair.be>