

**Circulair Friesland Association Circular procurement June 12<sup>th</sup>** 





## WELCOME TO C-PRONE YOUR GATEWAY TO CIRCULAR PROCUREMENT



## Part 1 EU Public procurement directives and the role of regions and cities

- 10.45 Introduction
- 10.55 Breaking down legal uncertainties to circular procurement
- 11.15 Sustainable public procurement criteria tool
- 11.35 Experience from the Municipality of Leeuwarden
- 11.55 Wrap-up
- 12.00 Lunch
- 13.00 Start part 2

Núria Cases and Jantie vd Laan Joanne Rourke and Núria Cases

Jeroen van Alphen

Alderman Evert Stellingwerf

Jantie van der Laan



# **Circulair Friesland Association**





# 1 Materials and resources

7 Maximal added value

6 Health and wellbeing

5 Cultural diversity and social inclusion



2 Sustainable energy

## 3 Positive impact on water

### 4 Biodiversity

# ACR+

Our international network supports the transition to the circular economy in cities and regions already for 30 years



- + About 100 members
- + 22 countries in EU and Med area
- + More than 1 100 municipalities represented
- + Strong team of 15 experts
- + Brussels-based
- + Multistakeholder approach

Our mission it to provide our members with concrete tools and approaches to enact the transition towards waste-free circular systems in their territories and beyond



ACR+ is at the service of its members



ACR+ is a gateway to technical data





# WHAT DO WE DO?

# We help decentralised authorities connecting the dots of circularity

- + Communities of practice
- + Knowledge sharing
- + Capacity building

- + Policy and advocacy
- + Research and benchmarking
- + Visibility

## 5 Thematic Areas





#### Some of our services:

- + Networking
- + Helpdesk
- + Conferences and trainings
- + Newsletters
- + Projects and partnerships
- Technical studies, benchmarks and reports







CITIES

ferpay

Exploring the circular









## C-PRONE, THE "ONE-STOP-SHOP" FOR CIRCULAR PROCUREMENT

It connects the existing networks, initiatives, and relevant actors and offers direct access to key resources (tools, knowledge, events, and community) to unlock successful circular procurement.



ovide policy

Ø Network, trainings, connections, conferences

Good practices, capacity
building tools, sources

Access, sharing, discussing





The revision of the Public Procurement Directives and outcomes of the C-PRONE online webinar - 16 May

12 June 2025





## Procurement in progress:

Six milestones of the revision of the European Public Procurement Directives from December 2023 to February 2025



C-PR

Dow level or direct cross-border procurement and lack of monitoring

## **Revision of the Public Procurement Directives**

The new proposal will focus on:

- 1) Strengthening the strategic role of public procurement through qualitative requirements, and European preference criteria for strategic sectors.
- 2) The EU added value of procurement for our citizens, through the **security of supply** for strategic technologies, products and services.
- 3) The **simplification** of mechanisms, having in mind especially startups, innovators and local and regional authorities.
- 4) The consolidation and clarification of the interaction between public procurement provisions across different pieces of legislation.



## Public Procurement Directives Open Public consultation

- Consultation period: 13 December 2024 07 March 2025
- 733 replies Mainly from public authorities, business/ business associations, and NGOs.
- Main aims:
  - Collect evidence, information, data and feedback on how the PP Directives have performed;
  - Determine if the Directives are still fit for purpose, adequate and sufficient to achieve policy objectives.



## Public Procurement Directives Open Public consultation – Preliminary findings

- 54% think that the Directives have not improved procedural simplicity
- Digitalisation has lowered administrative burden (42%) 57% of companies and 40% for public authorities





eProcurement helped lower the administrative burden



### Public Procurement Directives Open Public consultation – Preliminary findings

Public authorities are also positive that the Directives encourage environmentally friendly (56%), socially responsible (55%), and innovative procurement (45%).



There is some consensus (39%) that rules that aim for environmentally friendly procurement are still adequate (e.g quality assurance standards).



## Public Procurement Directives Open Public consultation – Preliminary findings

- The frequency of price-only based awards is considered too high by nearly half of all respondents (49%).
- That high frequency is considered by 37% to be a bad practice, while 29% believe that technical requirements can assure high quality in particular, 56% of public authorities think so.





Workshops in 27 Member States: The Procurement Dialogues

### Challenges/barriers in the uptake of Strategic Public Procurement (SPP)

#### > Technical

Difficulty of measuring and monitoring the impacts and benefits of SPP, lack of technical expertise and knowledge, etc.

#### Market and communication

Lack of dialogue and trust, lack of information about availability, quality or price of innovative sustainable solutions, etc.

#### Organisational

Lack of strategic vision, political support, resistance to change, etc.

#### Resource and skills

Lack of financial, human and time resources, lack of competences, access to funding etc.

#### Legal and procedural

Complexity and rigidity of the legal framework, lack of clarity on how to apply green social or innovation criteria, fear of financial corrections, audits or litigation



# Webinar: Breaking down legal uncertainties to Circular procurement

#### > Aim of the webinar:

One major barrier for the implementation of circular procurement is the fear of breaching procurement laws.

This webinar aimed to explore these challenges while identifying key aspects of the European Public procurement Directive that could be improved to better support circular procurement practices.

#### Date: 16 May 2025

#### Registrations: 60

Attendees: 48 - representing contracting authorities, NGOs, Research institutes, business organisations, etc. from 10 Member States.



Presentations and summary of the event available here.

### Presenters



From Directives to practice: interpreting and implementing green public procurement across EU Member States | Jonas Voorter, University of Hasselt



Supporting policymakers, project leaders, and buyers in better using regulations to advance the circular economy | Eveline Bakker, CircuLaw



GPP in Ireland and Dublin City case study | Joanne Rourke, Dublin City Council

C-PR

## The Legal framework

- While existing EU procurement legislation does incentivise demand for environmentally sustainable products, its implementation remains limited.
- Every level of government have the power to implement GPP – but must exercise it if we are to be successful.

According to the results of the public consultation, 35% of respondents said that they agree that the Directives' rules on supporting all types of strategic procurement (e.g. the use of the most economically advantageous tender) are still relevant and adequate, while <u>42% were of the opposite view</u>.

28.3.2014 EN Official Journal of the European Union L 94/65

DIRECTIVE 2014/24/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

of 26 February 2014

#### on public procurement and repealing Directive 2004/18/EC

#### (Text with EEA relevance)

THE EUROPEAN PARLIAMENT AND THE COUNCIL OF THE EUROPEAN UNION,

Having regard to the Treaty on the Functioning of the European Union, and in particular Article 53(1), Article 62 and Article 114 thereof,

Having regard to the proposal from the European Commission,

After transmission of the draft legislative act to the national parliaments,

Having regard to the opinion of the European Economic and Social Committee (1),

Having regard to the opinion of the Committee of the Regions (2),

Acting in accordance with the ordinary legislative procedure (3),

#### Whereas:

(1) The award of public contracts by or on behalf of Member States' authorities has to comply with the principles of the Treaty on the Functioning of the European Union (TFEU), and in particular the free movement of goods, freedom of establishment and the freedom to provide services, as well as the principles deriving therefrom, such as equal treatment, non-discrimination, mutual recognition, proportionality and transparency. However, for public contracts above a certain value, provisions should be drawn up coordinating national procurement procedures so as to ensure that those principles are given practical effect and public procurement is opened up to competition.



## Key take aways (I)

One persistent challenge is the continued dominance of lowest-price criteria in public contracting.

EU Member States use different mechanisms to choosing the most circular alternative. For example, the Netherlands, Spain and Ireland have adopted "comply or explain" mechanisms to encourage sustainable procurement, while others, like Italy, enforce mandatory green criteria.

Both approaches have shown relatively good results.





RESEARCH CENTER

Green public procurement and the circular economy

## Key take aways (II)

Circular economy principles stress the importance of using local suppliers (reducing carbon footprint, boosting local economy, supporting SMEs).

#### However, Public Procurement rules require:

- Equal treatment for all suppliers, regardless of location.

#### **Key question:**

Should procurement rules be adapted to allow better support for local sourcing?



## Key take aways (III)

**Early market engagement** is widely acknowledged as crucial for preparing both procurers and suppliers for circular procurement, encouraging innovation and readiness.

However, strict transparency and fairness requirements can discourage this kind of dialogue.

#### **Key question:**

How do we balance the need for transparency while still allowing adequate engagement?



## Main take aways of the webinar

(I) Member States are shifting from lowest-price awards through voluntary and mandatory green procurement measures.

(II) Public procurement rules may need adjustment to reconcile equal treatment with the circular economy's emphasis on local sourcing.

(III) Strict transparency rules can unintentionally limit early market engagement, highlighting the need to balance fairness with effective dialogue for circular procurement.





# **THANK YOU** www.c-prone.eu

Nuria Cases i Sampere | ACR+

Joanne Rourke | Dublin City Council





www.acrplus.org

Ministry of Infrastructure and Water Management

Rijkswaterstaat



Sustainable public procurement criteria tool

## Rijkswaterstaat Jeroen van Alphen





Rijkswaterstaat Ministry of Infrastructure and Water Management

# **SPP-criteriatool**



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12-06-2025



## performance procedures responsible framework strategy plan procurement cost contracting raw budget uav purchasing note return collaboration collaboration civil supplier objectives specifications responsibilities objectives specifications bpqr isv ratio safety tendering price-quality construction sustainable price-quality social forms organisation organisation uav-gc category manifesto engineering sme-friendly agreements market selection environmental indicator management deadline

dubocalc





#### Select and download over 800 criteria

Criteria are available for the following clusters and product groups:

	Automation and telecommunications 5 Product group(s)	^ <b>_</b>	Office facilities and services 10 Product group(s)	~
E	Audiovisual equipment	+		
	ICT hardware and mobile devices	→	Office buildings 7 Product group(s)	~
E	Networks, data center hardware and telephone services	→		
E	Reproduction equipment	+ _0	T	
E	Toner cartridges	→ <b></b>	Transport and Transportation 5 Product group(s)	~
	You can also search criteria by keyword or CPV code: Search criteria			
	Keyword or CPV code			Q Search



SPP criteria: purpose and target group

- SPP strengthens procurement power to realize our sustainable and social goals.
- SPP criteria tool simplifies this process
  - presenting over 900 minimum requirements and award criteria;
  - on 3 ambition levels.



## SPP does not start with a letter "P"

- SPP criteria tool is <u>one</u> of the available (voluntary) tools.
- SPP criteria are not the core of successful SPP.
- Supporting measures:
  - Embedding within organization.
  - Determine ambitions and objectives at an early stage.
  - Market consultation and cooperation.
  - Knowledge building (category management, specialists)



#### ♠ Home > SPP-criteria tool



#### ♠ Home > SPP-criteria tool > My selection

#### 10 criteria added





Research has pointed out that the SPP-criteria tool is one of the most powerful tools in the Netherlands regarding implementing SPP within public organisations.


## €3.000.000.000,- spend using SPP-tool in 2023

Instrumenten toegepast - Opdrachtwaarde (in miljoenen)







# SPP criteria updating process

+ 250 lines feedback

Explicitly requested from:

- 135 people
- 2 water authorities
- 17 municipalities
- 12 provinces
- All category-managers
- Policy/ RWS



# Adding new criteria

- New criteria added for (Zero Emission) mobile hand tools
  - in collaboration with ministry of IenW/ Clean Air Agreement and Covenant (Clean Emission-free Construction)
- Extensively adjusted criteria for Office Buildings
  - in collaboration with the Central Government Real Estate Agency
- Many new criteria for ICT
  - in collaboration with category management
- New criteria for circular traffic signs
  - in collaboration with Buyer Group
- New criteria for biodiversity in maintenance of Green facilities.
  - In collaboration with LVVN, RWS and PIANOo.



# SPP-criteria tool international

- We develop
  - Belgium: <u>https://www.mvoocriteria.be/nl</u>
- We inspire
  - Ireland: <u>https://gppcriteria.gov.ie/</u>
  - Australia: in contact
- We connect
  - Sweden: <u>https://www.upphandlingsmyndigheten.se/en/criteria/</u>
  - Norway: <u>https://kriterieveiviseren.anskaffelser.no/</u>
  - Germany: <u>https://www.umweltbundesamt.de/en/topics/economics-consumption/green-procurement/recommendations-for-your-tender</u>







#### Selecteer en download ruim 350 criteria

Deze criteria zijn bedoeld als inspiratie. Een goede voorafgaande analyse van de eigen situatie, noden en wensen en marktconsultatie zijn cruciaal om de criteria indien nodig verder op maat van jouw opdracht vorm te geven. Er zijn criteria beschikbaar voor de onderstaande clusters en productgroepen:

Š

Kantoorfaciliteiten en dienst     10 Productgroep(en)	ten
<b>*</b>	
+	
<b>*</b>	
<b>→</b>	
<b>+</b>	
	▲

#### **GPP Criteria Search**

#### HOW TO USE GPP CRITERIA SEARCH:

Please see How To Use GPP Criteria Search before using this site to search for Green Public Procurement criteria.

Green Public Procurement (GPP) is public procurement with reduced impact on the environment compared to alternative solutions. GPP can help address environmental and climate action objectives. GPP criteria facilitate the inclusion of green requirements and ambition in public procurement documents.

#### Search criteria using a keyword:



#### Or choose a sector:

Energy-related products	ეს	Food and catering services	*	Heating equipment	\$
ICT products and services	QI	Indoor cleaning services	13	Indoor and outdoor lighting	ę
Office building design, construction and management		Paper products and printing services	:	Textile products and services	
Road transport vehicles and services	<b>&amp;</b>	Furniture (under development)			



What about you?



Rijkswaterstaat Ministry of Infrastructure and Water Management

# SPP-criteriatool



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12-06-2025

Experience from the Municipality of Leeuwarden

## Municipality Leeuwarden Alderman E.Stellingwerf



European Summit on Circular Economy



# Circular Procurement in the Municipality of Leeuwarden

Evert Stellingwerf Alderman sustainability



#### Three pillars of Circular Economy

1. Innovation and entrepreneurship

2. Circular construction & biobased materials

3. Waste management





#### Material Flow Analysis (2023)





#### **Circulaire verwerkingsladder**

Refuse

### Roadmap **Circular Procurement** (2023)



## Gemeente eeuwarden

Maak productgebruik intensiever, door met meer Rethink mensen het product te gebruiken (delen) of door het product meer functies te geven. Verhoog de efficiëntie van de machines in het Reduce productieproces of gebruik minder grondstoffen voor hetzelfde product. Hergebruik van afgedankt, nog goed product in **Re-use** dezelfde functie door een andere gebruiker. Repareer defecte producten zodat de originele Repair functie behouden kan blijven. Reviseer oude producten en maak ze weer Refurbish up-to-date'. Remanufacture Hergebruik nog werkende onderdelen van het product voor het maken van vergelijkbare producten. Hergebruik het product of delen ervan in een Repurpose nieuw product met een andere functie. Hergebruik de materialen van het product voor Recycle toepassing in nieuwe producten. Recover Verbrand de materialen met energieterugwinning.

#### **Circular Procurement: 10 projects**





# **Circulaire inspiratie in de praktijk** 2023

# Circular construction & biobased materials

#### Different roles

- Public procurement: government buildings
- Construction projects (tenders)
- Land-leasing for biobased materials
- Building partnerships and value-chains









Gemeente eeuwarden

#### Circular renovation Municipal Government Buiding







Gemeente eeuwarden



## Regional Cooperation





## Frisian Fiber Hemp Deal!

Gemeente eeuwarden

### Spoordok Urban Development



"Spoordok als groenstedelijke schakel in het publieke ruimtenetwerk van Leeuwarden"

#### Financial methods Circular depreciation

- Residual value: depreciate to a residual percentage, not to zero.
- Evidence based: solid legal base and in agreement with the accountant.
- Emerging practice: new calculation model, few practical examples.
- Reassessment: Municipality of Leeuwarden reassesses percentages annually. Currently: 5% for buildings and 10% for civil engineering





## **Added value of Circular Depreciation**









# Break Coffee and Lunch

#### Part 2 Implementation circular procurement in practice

- 13.00 introduction to circular minds and tool
- 13.10 case studies
  - Outdoor work clothing
  - Bin Liners
  - Sustainable rail and water roads
- 13.25 group work
- 14.00 collection of break-out groups
- 14.15 wrap-up of the session
- 14.30 closing



# Circular Minds for C-Prone at Circular Summit Fryslân 2025



Mónica Sánchez Groeneweg Joan Prummel Lisanne van 't Hoff Núria Cases I Sampere

www.interregeurope.eu/circular-minds www.circulairinkopen.nl









#### Successful pilots ≠ upscaling



Why is it not possible to implement these pilots on a larger scale?

# Circular Procurement is more than tendering and awarding. ...



# **Upscaling barriers**





#### **Circular Minds focuses on:**

- Scaling up circular economy in the practice of organizations.
- Development of a capacity instrument for regional development policy.
- European partnership (2024) between 10 partners from 9 countries.



# What is today's goal?



Familiarize ourselfs with the concept of mindset shift



Understand how it can help scale up circular procurement

# **Mindset Indicator Framework**

COM-B Model:

**Motivation, Capacity & Opportunity** 

- 5 levels of ambition and progress:
- 1. Foundation
- 2. Embed
- 3. Practice
- 4. Enhance
- 5. Lead



# Indicators





#### Motivation

- Ambitions
- Policy
- Internal consent for scaling up
- Communication

#### Capacity

- Awareness
- Capacity

### Opportunity

- Procurement processes
- Organisational (infra)structure

Mindset Shift Indicators	Foundation Level 1	Embed Level 2	Practice Level 3	Enhance Level 4	Lead Level 5
Motivation					
M1 Ambitions	<ul> <li>No Circular Procurement (CP) ambition being set</li> </ul>	<ul> <li>CP ambitions being set at individual level (bottom up)</li> </ul>	<ul> <li>CP ambitions being set at project level</li> </ul>	<ul> <li>CP ambition being set at departmental level (e.g. Procurement, Finance, technical etc)</li> </ul>	<ul> <li>Ambition to scale up CP to organisation level has been set</li> </ul>
M2 Policies	<ul> <li>No sustainable (or circular) procurement policy set</li> </ul>	<ul> <li>A sustainable procurement (SP) policy has been produced by the organisation</li> </ul>	<ul> <li>A Circular Procurement (CP) policy and actions have replaced the initial sustainability policy</li> <li>Or Sustainability policy explicitly references circular outcomes</li> </ul>	<ul> <li>A CP policy is in place (with review dates &amp; owners) and is supported by a strategy and action plan, with targets and timescales for delivery</li> </ul>	<ul> <li>A circular procurement policy (and supporting materials) is directly linked to CE, Sustainability, Social and Environmental policies at organisational level</li> </ul>
M3 Ownership of scaling up	<ul> <li>No internal responsibility for sustainable procurement actions within the organisation</li> </ul>	<ul> <li>Sustainable procurement recognised across organisation and procurement function working towards wider organisational ownership</li> </ul>	<ul> <li>Operational teams recognise their role in CP and the procurement cycle but no high level (Senior Management) support for scaling up</li> </ul>	<ul> <li>Senior leadership has recognised CP as a strategic mechanism and the need for scaling up but operational teams are still being brought onboard with the process</li> </ul>	<ul> <li>Circular Procurement is recognised as a strategic function by the Senior Leadership team and adopted by the operational functions across the organisation</li> </ul>
M4 Communication	<ul> <li>No communication internally or externally on ambitions</li> </ul>	<ul> <li>Basic internal communication of SP or CP policy aims</li> </ul>	<ul> <li>All relevant procurement stakeholders are aware of CP ambitions and procurement function recognise their roles and responsibilities</li> </ul>	<ul> <li>All relevant procurement stakeholders aware of CP ambitions and recognise their roles and responsibilities and external peer to peer collaboration and knowledge sharing</li> </ul>	<ul> <li>Internal and external communication on CP outcomes regularly undertaken alongside regular reporting to SMT on progress against CP actions</li> </ul>
Capabilities					
C1 Awareness	<ul> <li>There is little or no awareness of Circular Procurement and benefits</li> </ul>	<ul> <li>Awareness of Sustainable Procurement and potential benefits of a holistic circular approach across the product procurement lifecycle.</li> </ul>	<ul> <li>Procurement function and core stakeholders fully aware of CP benefits and benefits of scaling up</li> </ul>	<ul> <li>Full awareness across the organisation and scaling up being implemented alongside external peer-to-peer knowledge sharing</li> </ul>	<ul> <li>Full awareness across all organisation functions and scale up has been achieved.</li> </ul>
C2 Capacity	<ul> <li>No capabilities assessment has been made</li> </ul>	<ul> <li>Understanding of capabilities and skills gaps</li> </ul>	<ul> <li>Core procurement team skills and capacity building complete and capacity building across wider stakeholders is in planning</li> </ul>	<ul> <li>Core team capacity and skills reviewed and updated regularly and capacity building across wider stakeholders is underway</li> </ul>	<ul> <li>Fully resourced roll-out of capacity and skills-building across wider procurement stakeholders and reviewed regularly</li> </ul>
Opportunities					
O1 Procurement Processes	<ul> <li>Standard procurement processes in place with basic or minimal ad hoc consideration of SP on tender-by-tender basis</li> </ul>	<ul> <li>Tender-based approach to embedding SP through existing criteria on a consistent basis</li> </ul>	<ul> <li>Pre-tender<sup>1</sup> procurement procedures in place (including market dialogues) to identify CP opportunities for key tenders</li> </ul>	<ul> <li>Pre-tender CP assessments embedded in procedures and implemented on consistent basis. Forward planning of procurement is also undertaken regularly</li> </ul>	<ul> <li>Pre-tender, tender and contract management procedures have been linked together along with a category management approach for prioritised categories</li> </ul>
O2 Organisational (infra)structure	<ul> <li>Organisation structure acts as a barrier to identifying circular economy outcomes</li> </ul>	<ul> <li>Organisation recognises circular benefits but structure only enables limited action e.g. pilots</li> </ul>	<ul> <li>Organisation structure and processes capable of limited change to adopt elements of circular procurement pilots</li> </ul>	<ul> <li>Processes are being changed as required and organisation undertaking review of structural changes required to enable scale-up</li> </ul>	<ul> <li>Organisation in the process of, or completed, relevant structural changes to enable scaling up</li> </ul>

# **CASE PRESENTATIONS**

# **Break-out groups: three case studies**



How circular is the mindset of my organization?



What now? Identifying opportunities for improvement



**Exchange insights and learn from others** 

So, what now?

Insight into where you stand and what you can work towards.

# Wrap-up





# **Newsletter Circular Minds**

#### Contact us!

<u>monica.sanchezgroeneweg@rws.nl</u> joan.prummel@rws.nl <u>lisanne.hoff@rws.nl</u> <u>nca@acrplus.org</u>

www.interregeurope.eu/circular-minds

www.circulairinkopen.nl


Outdoor work clothing

#### Municipality Leeuwarden Jannie Lania



### Circular outdoor workwear







### Using additional award criteria; BUY BETTER

- 1. Wearing comfort (35%) test by user panel
- 2. Sustainability (30%) materials, design, lifecycle, waste
- 3. Service and cooperation (15%)
- 4. Pricing (20%)
  - → Useful market consultation (14 registrations)
  - $\rightarrow$  Useful example of another municipality nearby
  - $\rightarrow$  Useful participation in the Frisian Circular Procurement Academy





# Internal organizational challenges

- Think and act differently
- Stretch 'more conservative' minds; allow innovation(s)
- Overcome biases
- Ask the right questions
- Change user behaviour
- Increase knowledge / awareness
- Improve contract management





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M3 Internal buy-in to scaling up	<ul> <li>No internal buy-in to sustainable procurement actions within the organisation</li> </ul>	<ul> <li>Sustainable procurement recognised across organisation and procurement function working towards wider organisational CP buy-in</li> </ul>	<ul> <li>Operational teams recognise their role in CP and the procurement cycle but no high level (Senior Management) buy- in to scaling up</li> </ul>	<ul> <li>Senior leadership has recognised CP as a strategic mechanism for scaling up, but operational teams are still being brought onboard</li> </ul>	<ul> <li>Circular Procurement is recognised as a strategic function by the Senior Leadership team and operational functions across the organisation</li> </ul>
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Sustainable bin liners

### Malta Clyce Falzon Bouvett



### CIRCULAR PROCUREMENT OF BIN LINERS

Dr.-Ing. Clyde Falzon Bouvett

**Circular Procurement Summit Friesland** 

12<sup>th</sup> June 2025

### **OPTION**

#### Fossil based bin liners



#### **Compostable bin liners**



### MOTIVATION



LESS DEPENDENCY ON FOSSIL FUEL COMPOSTABLE PLASTICS CAN BE DIGESTED OR COMPOSTED IN INDUSTRIAL FACILITIES CAN ACT AS SOIL IMPROVER AND FERTILISER.





https://www.facebook.com/photo.php?fbid=666o67322224275&set=pb.100064630393616.-2207520000&type=3

### TECHNICAL SPECIFICATIONS [1]

	ltem Requested	Description of the item being requested			
	Compostable	Scope: Compostable bin liners are intended to b distributed within Maltese households for th collection of organic (mainly food) waste.			
	bin liners packed in rolls or	i.	Colour: Translucent White		
ba conta	bundled batches containing 25 liners each	ii.	Material: Bio-plastic compostable material		
		iii.	Dimensions: shall be 45cm (width) by 45cm (length) +/- 2cm on both width and length.		

https://www.etenders.gov.mt/epps/cft/listContractDocuments.do?resourceId=8649454

### **TECHNICAL SPECIFICATIONS** [2]

#### iv. Standard:

Bin liners shall comply with the BS EN 13432:2000 standard (The standard can be found on <u>https://www.en-standard.eu/</u>)

#### v. Art Work:

The bin liner must be printed with black ink (one colour) on one side.

The dimensions of the printed artwork on each bin liner supplied are the following: width: 15 cm +/-2cm and height 17cm +/-2cm Finalised Artwork will be provided upon signing of contract.

#### vi. Lifetime:

vii.

The bin liners must have a minimum shelf life of six (6) months which shall commence from the Delivery (Works) order instruction issued by the Officer in charge of the Contracting Authority.

#### Bin liner thickness:

16µm microns +/- 2 µm

viii.

#### Certification mark:

The supplied bin liners shall include a certification mark or logo indicating the 'compostable' quality of the bin liners. This logo shall invariably be clearly indicated on each bin liner supplied. The details of the logo certification body including a copy of valid compostability certificate must be submitted in the tender offer.

#### ix. Other characteristics:

The bin liners must be leak proof as some of this waste can be in liquid form. The bin liners must not tear/rip or leak for at least six days whilst handling organic waste.

https://www.etenders.gov.mt/epps/cft/listContractDocuments.do?resourceId=8649454

#### **EVALUATION**

During the adjudication period, the bidder may be requested to provide a sample of the proposed compostable bin liner. An Independent Engineer/Consultant will be tasked by the Contracting Authority to carry out tests to determine the suitability of the bin liners to receive organic waste for at least five consecutive days (5 days) in a bin. Consequently, the bin liners filled with organic waste will be left to hang outside for one day (1 day). Thus, the bin liners must not tear/rip or leak for at least six (6) days.

### BS EN 13432:2000 PACKAGING

This European Standard specifies requirements and procedures to determine the composability and anaerobic treatability of packaging and packaging materials by addressing four characteristics:

- 1) biodegradability;
- 2) disintegration during biological treatment;
- 3) effect on the biological treatment process;
- 4) effect on the quality of the resulting compost.

In case of a packaging formed by different components, some of which are compostable and some other not, the packaging itself, as a whole is not compostable.

### COMPOSTABLE PLASTIC

**Compostable plastics** refer to materials that can be broken down by fungi, bacteria or microbes. They are produced from renewable materials like corn, potato, tapioca starches, cellulose, soy protein, and lactic acid. Although compostable plastics do not add nutrient value to compost, they have a role in supporting sustainable bio-waste management. Digesting or composting biowaste in industrial digestion or composting plants results in compost or digestate that can be used as soil improver and fertiliser, as long as they comply with national quality requirements.

#### **Bio-based, bio-degradable and compostable plastics**



#### Source: ETC/WMGE and EEA.



https://www.dreamstime.com/selection-plastic-bin-waste-bags-have-seen-surpising-growth-sales-liners-to-%C2%A3-million-increase-volume-upto-image149061004

## LEADING BY EXAMPLE

Local distributors and shops were offering compostable for sale by the householders.

Mindset Shift Indicators	Foundation Level 1	Embed Level 2	Practice Level 3	Enhance Level 4	Lead Level 5
Motivation					
M1 Ambitions	<ul> <li>No Circular Procurement (CP) ambition being set</li> </ul>	<ul> <li>Ambitions being set at individual level (bottom up)</li> </ul>	<ul> <li>Ambition being set at project level</li> </ul>	<ul> <li>Ambition being set at departmental level (e.g. Procurement, Finance technical etc)</li> </ul>	<ul> <li>Ambition to scale -up has been set at organisation level</li> </ul>
M2 Policies	<ul> <li>No sustainable (or circular) procurement policy set</li> </ul>	<ul> <li>A sustained is procurement policy has been produced by the organisation</li> </ul>	<ul> <li>A Circular Procurement policy and actions have replaced the initial sustainability policy</li> <li>Or – sustainability policy explicitly references circular outcomes</li> </ul>	<ul> <li>A CP policy is in place (with review dates &amp; owners) and is supported by a strategy and action plan, with targets and timescales for delivery</li> </ul>	<ul> <li>A circular and sustainability policy (and supporting materials) is directly linked to CE, Sustainability, Social and Environmental policies at organisational level</li> </ul>
M3 Internal buy-in to scaling up	<ul> <li>No internal buy-in to sustainable procurement actions within the organisation</li> </ul>	<ul> <li>Sustainable procurement recognised across organisation and procurement function working towards wider organisational CP buy-in</li> </ul>	<ul> <li>Operational teams recognise their role in CP and the procurement cycle but no high level (Senior Management) buy- in to scaling up</li> </ul>	<ul> <li>Senior leadership has recognised CP as a strategic mechanism for scaling up, but operational teams are still being brought onboard</li> </ul>	<ul> <li>Circular Procurement is recognised as a strategic function by the Senior Leadership team and operational functions across the organisation</li> </ul>
M4 Communication	<ul> <li>No communication internally or externally on ambitions</li> </ul>	<ul> <li>Basic internal communication of SP/CP policy aims</li> </ul>	<ul> <li>All relevant procurement stakeholders are awaye of CP ambitions and procurement function recognise their rules and responsibilities</li> </ul>	<ul> <li>All relevant procurement stakeholders aware of CP ambitions and recognise their roles and responsibilities and external peer to peer collaboration and knowledge sharing</li> </ul>	<ul> <li>Internal and external communication on CP outcomes regularly undertaken alongside regular reporting to SMT on progress against CP actions</li> </ul>
Capabilities					
C1 Awareness	<ul> <li>There is little or no awareness of Circular Procurement and benefits</li> </ul>	<ul> <li>Awareness of Sustainable Procurement and potential benefits of a holistic circular approach across the product procurement lifecycle.</li> </ul>	<ul> <li>Procurement function and core stakeholders fully aware of CP benefits and benefits of scaling up</li> </ul>	<ul> <li>Full awareness across the organisation and scaling up being implemented alongside external peer-to-peer knowledge sharing</li> </ul>	<ul> <li>Full awareness across all organisation functions and scale up has been achieved.</li> </ul>
C2 Capacity	<ul> <li>No capabilities assessment has been made</li> </ul>	<ul> <li>Understanding of capabilities and skills gaps</li> </ul>	<ul> <li>Core procurement team skills and capacity building sciplete and capacity building scross wider stakeholds is in planning</li> </ul>	<ul> <li>Core team capacity and skills reviewed and updated regularly and capacity building across wider stakeholders is underway</li> </ul>	<ul> <li>Fully resourced roll-out of capacity and skills-building across wider procurement stakeholders and reviewed regularly</li> </ul>
Opportunities					
O1 Procurement Processes	<ul> <li>Standard procurement processes in place with basic or minimal ad hoc consideration of SP on tender-by-tender basis</li> </ul>	<ul> <li>Tender-based approach to embedding SP through existing criteria on a consistent basis</li> </ul>	<ul> <li>Pre-tender procurement procedures in place (including market dialogues) to identify CP opportunities for key tenders</li> </ul>	<ul> <li>Pre-tender CP assessments embedded in procedures and implemented on consistent basis. Forward planning of procurement is also undertaken regularly</li> </ul>	<ul> <li>Pre-tender, tender and contract management procedures have been linked together along with a category management approach for prioritised categories</li> </ul>
O2 Organisational (infra)structure	<ul> <li>Organisation structure acts as a barrier to identifying circular economy outcomes</li> </ul>	<ul> <li>Organisation recognises circular benefits, but structure only enables limited action e.g. pilots</li> </ul>	<ul> <li>Organisation structure and processes capable of limited change to adopt elements of circular procurement pilots</li> </ul>	<ul> <li>Processes are being changed as required and organisation undertaking review or ouctural changes required to enable scale-up</li> </ul>	<ul> <li>Organisation in the process of, or completed, relevant structural changes to enable scaling up</li> </ul>

# THANKYOU

Circular Material Hub: from pilot to scale-up

### City of Haarlem Valentina Schippers



### Case Circular Material Hub City of Haarlem, The Netherlands

Valentina Schippers-Opejko

Coordinator Urban Agenda Partnership on Innovative and Responsible Public Procurement for the EU, Chair Eurocites Working Group on Public Procurement, WeBuySocialEU Ambassador, Europe Coordinator City of Haarlem



# Pilot: Circular Material Hub in Haarlem

Sustainable road- and water works: Circular re-use of materials, 20 mln. euro per

year, 4-year contract





Innovative noise control barriers, placed alongside a water pump

Self-sufficient shacks with solar panels

# Scale-up: Circular Material Hub in Haarlem

- The circular raw materials hub is a central place to store reusable materials from Haarlem construction projects, such as used paving stones, pavement tiles and wood. These materials will be sorted and prepared for new projects
- Reuse of materials was already happening, but the hub and the registration system used there will make this better and easier
- More than 15.000 m2 of pavers and tiles can be reused via the new hub
- The expected CO2 reduction in 2025 achieved by not having to make new bricks, tiles and other materials - is more than 400 tonnes, as much as the CO2 uptake of more than 20,000 trees per year!
- The raw materials hub is for construction companies working on behalf of the municipality - on building projects in Haarlem. The hub is not for private individuals.







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#### Group work

Group	Introduction
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- 1 Circular outdoor workwear
- 2 Circular Procurement of Bin liners
- 3 Circular Material Hub Haarlem

#### Facilitator

Joan Prummel

Lisanne van 't Hoff / Nuria Cases

Monica Sanchez

#### Expert

Jannie Lania

#### Clyde Falzon

Valentina Schippers





### **THANK YOU** www.c-prone.eu



www.acrplus.org

Rijkswaterstaat

Ministry of Infrastructure and Water Manaaement

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# **14.40 - 15.00 Closing of CSF25** (A0.63)

**15.00 - 17.00** EWWR 2024 Award Show