



CIRCULAR ECONOMY

ChemClimCircle

Interreg BSR ChemClimCircle | 2022-2024

interreg-baltic.eu/project/chemclimcircle

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Sustainable Public Procurement (SPP) and Green Public Procurement (GPP)

- Sustainable Public Procurement includes both social, economic and environmental aspects
 - Green Public Procurement is one part of this and defined as:

”a process whereby public authorities seek to procure goods, services and works with a reduced environmental impact throughout their life cycle when compared to goods, services and works with the same primary function that would otherwise be procured”

Green Public Procurement (GPP)

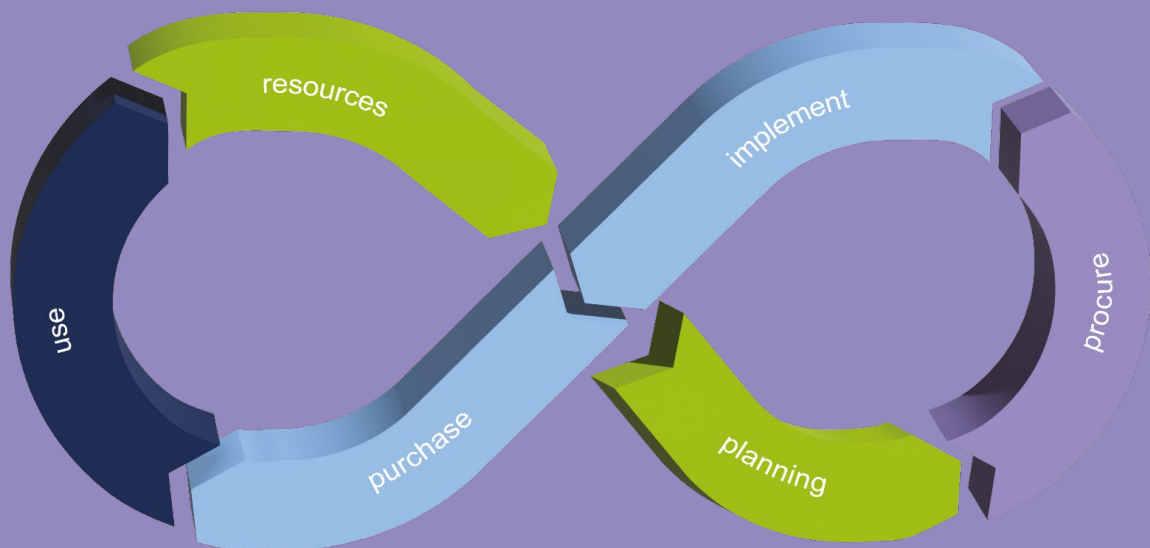
Green Public Procurement

Procuring goods, services and works with a reduced environmental impact throughout their life cycle.

[Green Public Procurement - European Commission \(europa.eu\)](https://ec.europa.eu/eupl/en/gpp)

- While GPP is a voluntary instrument, it plays a key role in the EU's efforts to boosting a resource-efficient economy.
- The European Commission (EC) has been developing voluntary GPP criteria for several product groups. Furthermore, following the adoption of the 2020 Circular Economy Action Plan, the Commission is proposing minimum mandatory GPP criteria and targets in sectoral legislation and phase in compulsory reporting to monitor its uptake.
- Eco-labels can play a particular role in developing technical specifications and award criteria, and in verifying compliance helping public buyers.

The ChemClimCircle approach



The so called ChemClimCircle approach encompasses everything from needs- and market analysis through setting of criteria to follow-up during the contract period, evaluation and transfer of experience into the next procurement period.

Coordination of the work by a function in the organisation gives clarity for everyone involved.

Process structure and sustainability coordination

4. Follow-up and transfer of experience

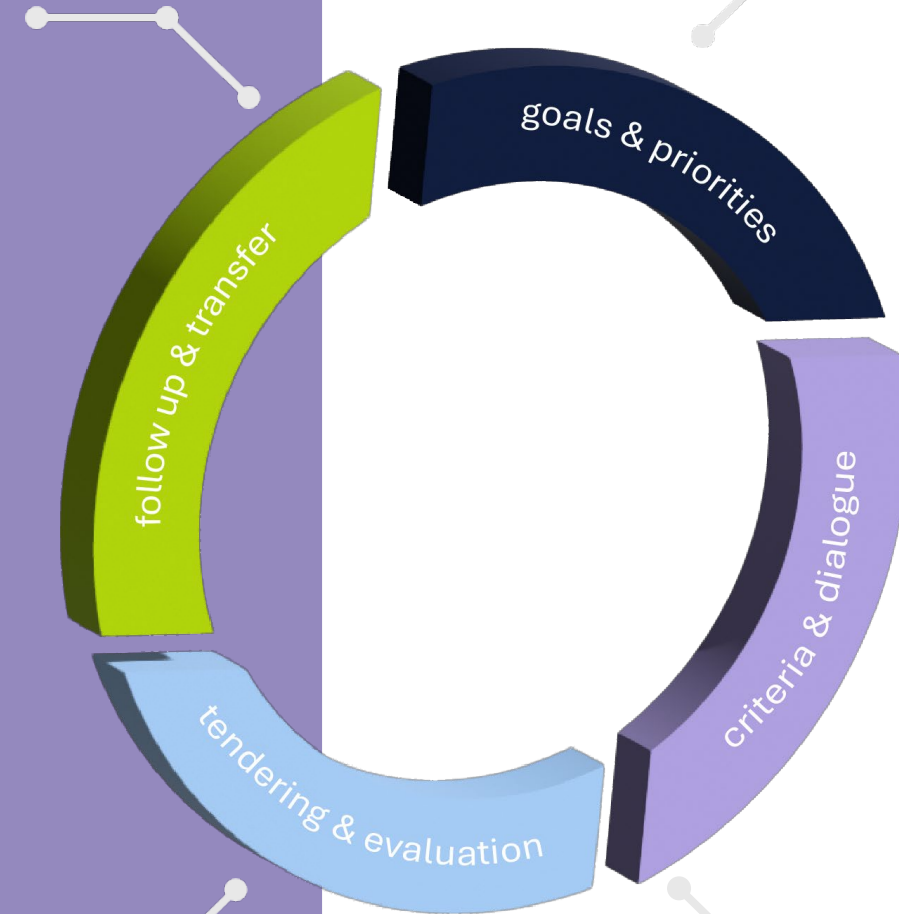
After the prioritized contract went into force, set a date for follow up with the supplier on compliance, and dialogue if criteria are to be fulfilled during the contract period.

Do an annual collection of sustainability criteria that were used and evaluate the results to follow up on the goals.

3. Tendering period and evaluation of offers

Be observant on questions concerning the sustainability criteria during the tender period.

Evaluate the offers, select a set of chosen articles for check of compliance of the sustainability criteria.



1. Set goals for the organisation and prioritize

If there are no political goals set in the organisation, try to promote the setting of such whenever possible. Discuss in the procurement office what can be done with existing resources, before clear goals are set in the organisation.

Prioritize areas to focus on for sustainability criteria to gain the most of the time available.

Adjust goals, workflow, prioritizations according to the result in 4.

2. Select Criteria

Use of pre-set criteria by the municipality or criteria from national or EU level.

Need for market dialogue to ascertain that these criteria will work in the specific area?

Use a number of criteria limited to available resources.

The ChemClimCircle Matrix

Prioritization of which contract areas to include sustainability criteria using the ChemClimCircle "Matrix".

Main product and service groups	Sub-categories of products and services	Chemicals				Climate			Circularity			
		Content of hazardous substances in products and materials	Avoidance of materials and products (e.g. certain types of plastics, paints) that have health or environmental risks of chemical substances during the following life cycle stages:			Energy efficiency	Renewable energy use	GHG and air pollutant emissions reduction	Durability and lifespan extension	Waste prevention and reduction (e.g. food waste prevention or reduction of material/packaging use)	Reuse, refurbishment and repair	Recycling of recycled materials in products
			in production	during use	in waste management							
Packaging	Sales/primary packaging											
	Group/secondary packaging											
	Transport/tertiary packaging											
Textiles	Clothes (professional clothing)											
	Bed linen, towels (e.g. pillows, duvets, mattresses)											
	Laundry services of textiles, including rental garments and other textiles											
Plastic-containing consumables	Office supplies (e.g. folders, pens)											
	Kitchen utensils (e.g. dishes, trays, spoons, spatulas)											
	Single-use FCM (plastic coating)											
	Waste bags											
	Other plastic bags (FCM)											
	Toys and art/play materials for schools, kindergartens, etc.											
	Medical utensils (e.g. gloves, tubing, bags, plasters)											
	Diapers, incontinence articles and other hygiene articles											
	Renovation services and products (paints, flooring material, insulation materials, adhesives and fillers)											



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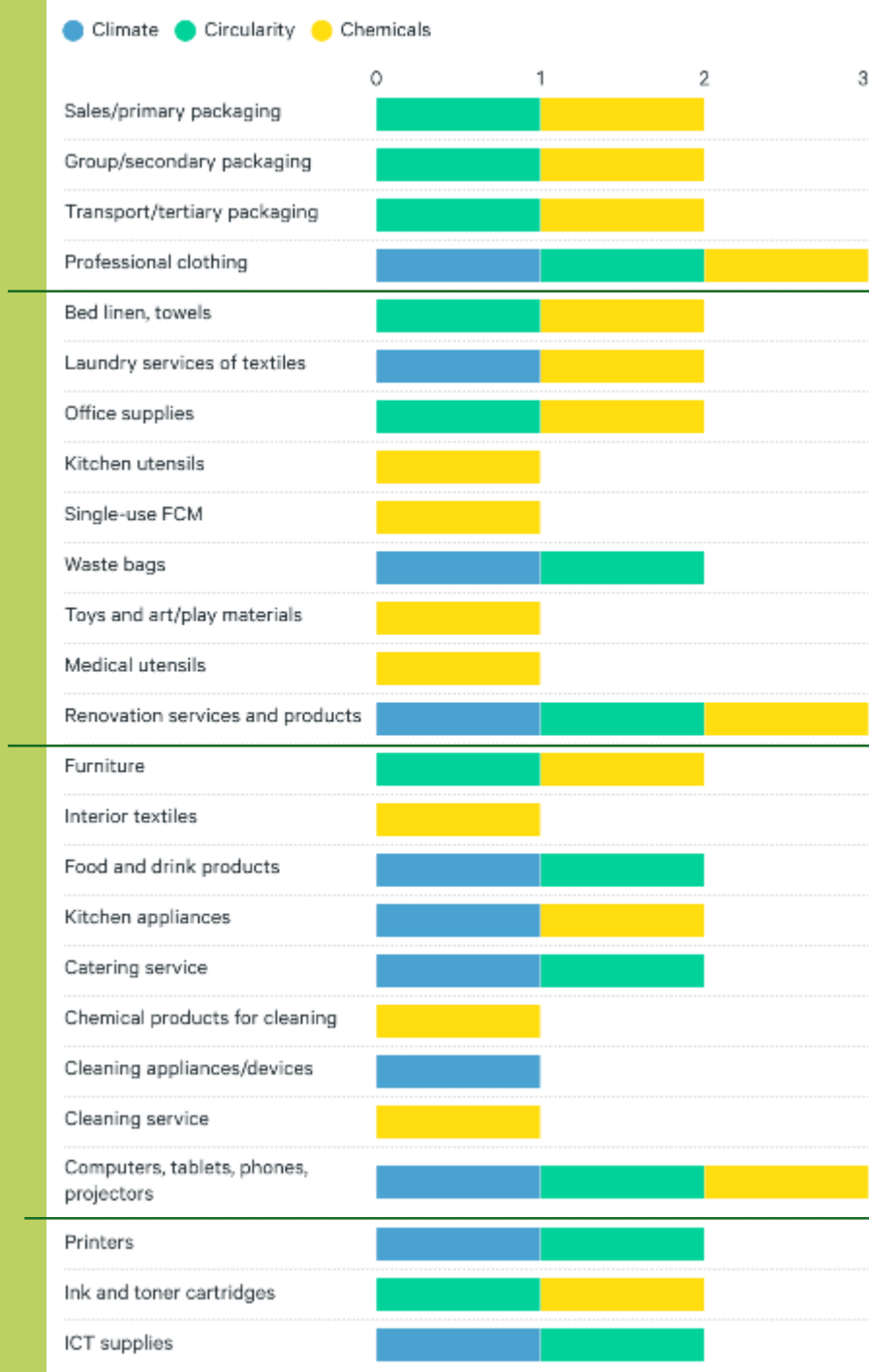


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Stockholms stad



What is the state-of-the-art in non-toxic, climate-neutral and circular procurement in the Baltic Sea Region?

The application of procurement criteria related to the integrated ChemClimCircle approach is still not common in the studied municipalities – examples are limited to three out product groups:

Work clothes

Renovation services and products

ICT equipment

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Training and Guidance material

5 modules
7 product groups
10 examples
2 self-assessment exercises

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5 modules:

- 1 Introduction – the ChemClimCircle approach to procurement
- 2 Management, strategies and planning for the ChemClimCircle approach
- 3 Operational setting and practical applications of the ChemClimCircle approach
- 4 ChemClimCircle problems and recommendations in selected product groups
- 5 Self-assessments and exercises

ChemClimCircle aspects

Recommendations for EEE and ICT



Use eco-labels. There are many in the EEE category. There are energy labels (e.g. Energy Star) and environmental labels that go beyond energy requirements: TCO, German Blue Angel, Nordic Swan and EPEAT.



Set criteria for warranty, availability of spare parts and circular design, together with the possibility for repairs within the contract to prolong the lifespan and durability of printers, computers, phones and other equipment

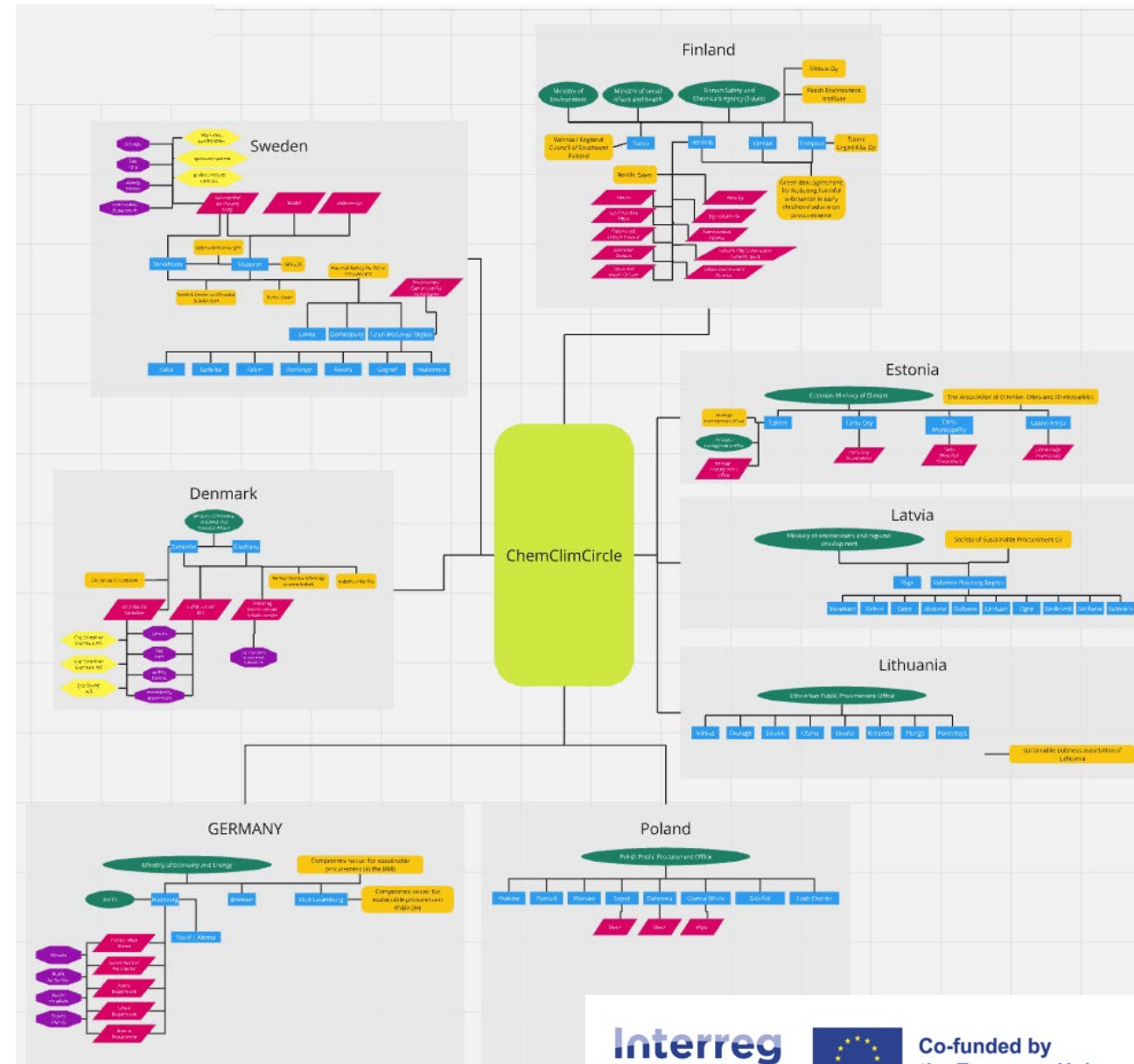


Buy refurbished equipment and/or set criteria for a system to circulate or refurbish ICT equipment for either use in the own organization or for resale outside the organization (including clearance of all saved data on devices).

Stakeholder Map

Different types of stakeholders need to be involved in a transformation of the procurement porcess

- Municipal administration
- Regulative bodies
- Supportive institutions
- Executive bodies
- End-Users
- Suppliers



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All the ChemClimCircle approach material is found at:
<https://interreg-baltic.eu/project/chemclimcircle/>



Case from Stockholm: Environmental programme and Action plans

Political decisions guide the work through strategic documents

”Program for purchasing”



Program för inköp 2020–2023

Beslutat av kommunfullmäktige 2020-08-31

”Based on the goals set by the city's environmental program, the city must, as far as possible and expediently, set environmental and sustainability requirements in procurement.”



”Environmental program”



Miljöprogram 2030

Beslutat av kommunfullmäktige 2024-09-23

Procurement is singled out as one of several strategic tools for implementation of the programme and is crucial for reaching the high set goals.



Guidance and action plans



Tillämpningsanvisning till Stockholms stads program för inköp

The environmental program specifies the goals to be achieved. The action plans specify WHAT needs to be done to achieve the goals. The Environment and Health Department provides support in HOW it can be done.

"How the (environmental) requirements are to be set and followed up must be included as part of the procurement strategy that each procuring unit must develop for each procurement."



Procurement staff need to tick a box in the procurement system when they include criteria for hazardous substances in the tender.

The Chemical Action plan also sets which chemicals are prioritized for phase out.

Prioritized contract areas for chemical criteria according to the Chemical Action Plan:

Consumables:

- Creative materials
- Hygiene and home related articles
- Chemical products and cleaning utensils
- Office and school supplies
- Kitchen and household items
- Paper and plastic consumables
- Health care and incontinence articles

IT- equipment:

- AV articles
- Computers and network
- Printers and document production
- IT supplies

Other areas:

- Graffiti removal and cleanup
- Toys and sports utensils
- Food contact materials
- Furniture, textiles and light sources
- Cleaning services
- Medical technical equipment
- Printing services
- Laundry and textile services
- Vehicles
- Work wear and shoes

A practical example: Office supplies – 25 tonnes of erasers annually (Education Department)

- The Chemical center participated by:
 - Working with the article specification and set requirement for a PVC-free assortment, avoiding toxic plasticizers.
 - Working with the **follow-up** together with the service department's contract manager.
- The Education department buys approx. 1,000,000 erasers per year and now they are PVC-free (after follow-up).
- The PVC erasers weigh 25g each = phase-out of 25 tonnes of PVC per year.
- Important to know what the substitute contains.



Thank you for your attention!



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