



# Ambiente e as Compras públicas ecológicas

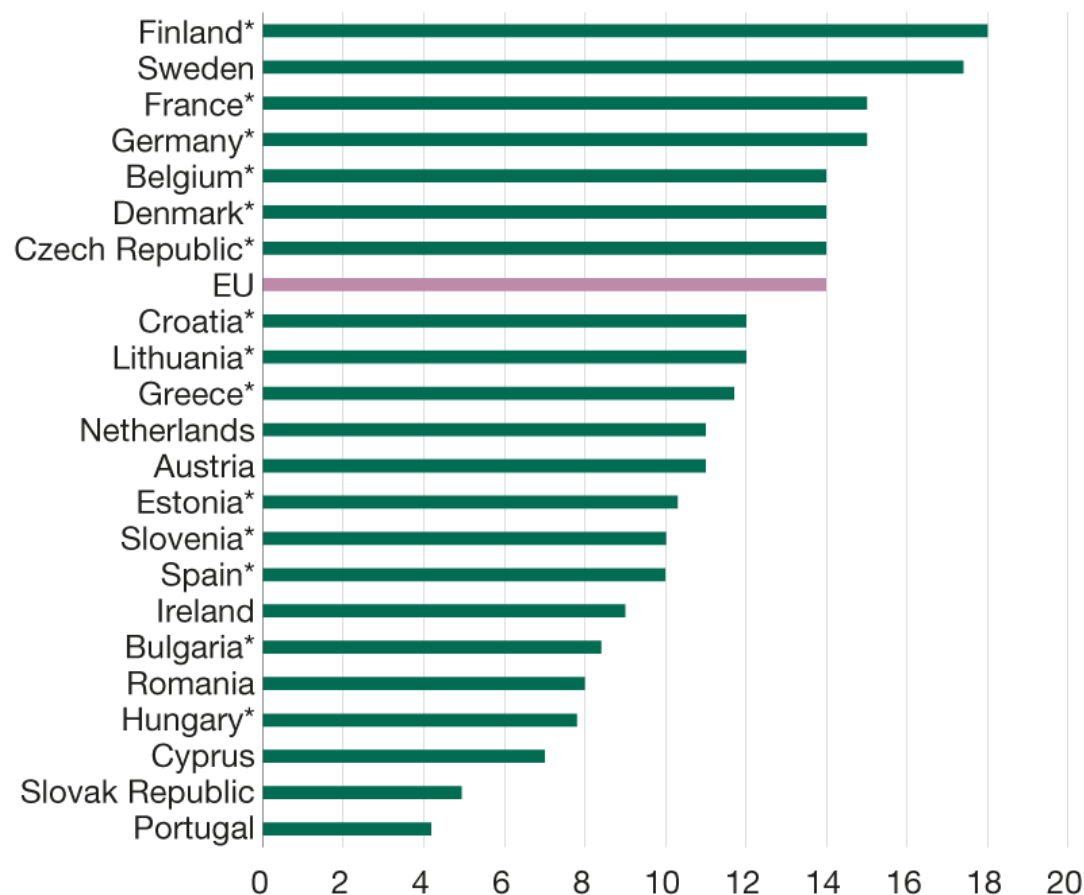
Myriam Lopes, A. Gomes, S. Pires, H. Relvas, S. Bhandari

# What is Green Public Procurement?

Following the [Commission of the European Parliament 2008](#), (p. 4), green public procurement is “a process whereby public authorities seek to procure goods [...] with reduced environmental impact throughout their life cycle when compared to goods [...] with the same primary function that would otherwise be procured

Public procurement accounts for **15-20% of global GDP** and GPA commitments alone represent around EUR 1.3 trillion in business opportunities worldwide

Public procurement expenditure as percentage of GDP, 2019



André Sapir, Tom Schraepen and Simone Tagliapietra, Green Public Procurement: A Neglected Tool in the European Green Deal Toolbox?  
*Intereconomics*, 2022, 57(3), 175-178

# Why is GPP important?

GPP is seen as a strategic government tool for achieving **sustainability** objectives and meeting national commitments on **climate change** strategy

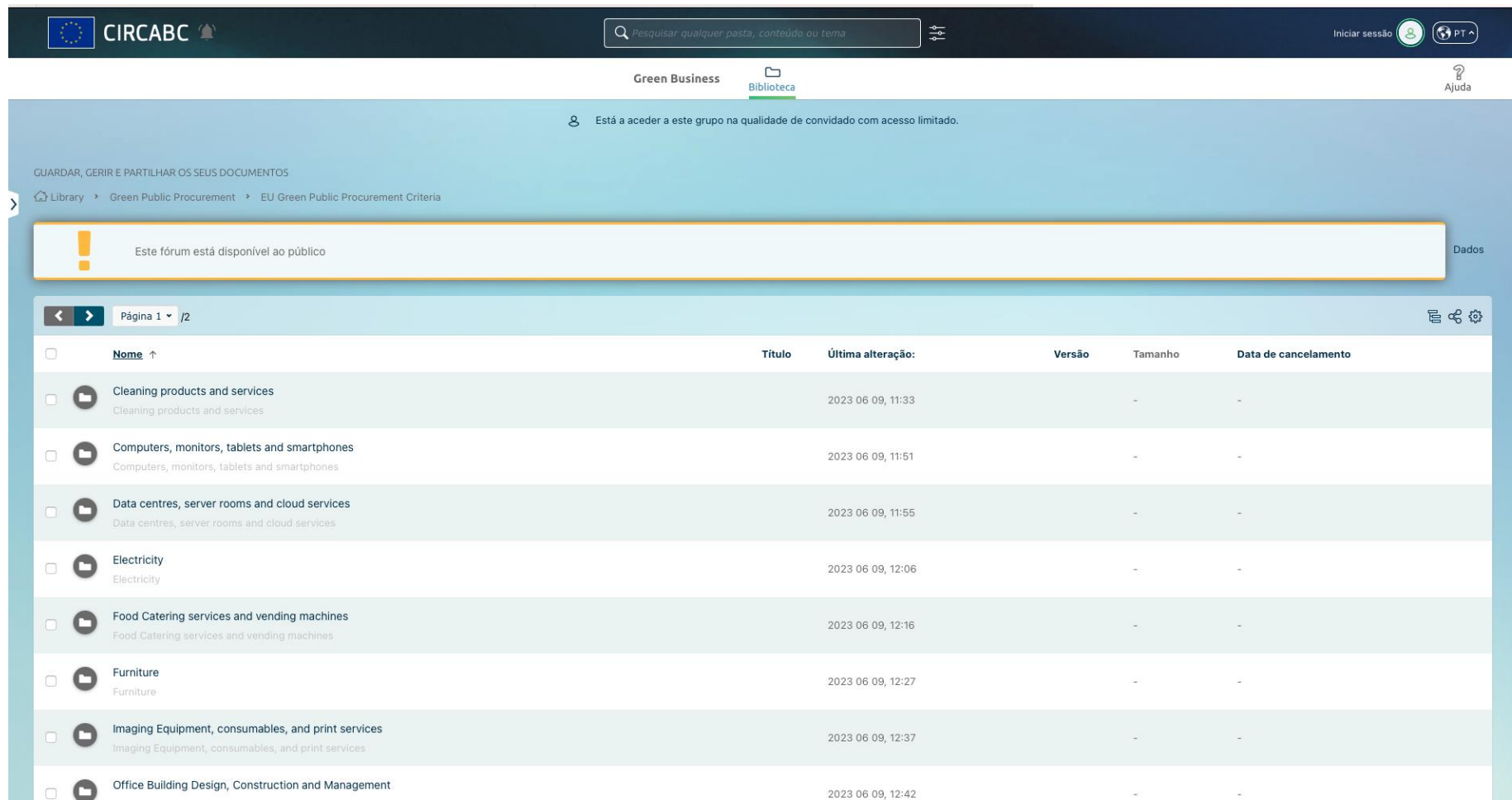
The European Commission has been developing **voluntary GPP criteria** for several product groups

Following the adoption of the **2020 Circular Economy Action Plan**, the Commission is proposing minimum mandatory GPP criteria and targets in sectoral legislation



# What GPP criteria?

Common EU GPP criteria - criteria that can be incorporated into a public procurement procedure for goods, services or works in order to reduce the environmental impact of a purchase



The screenshot shows the CIRCABC Green Business library interface. At the top, there is a dark blue header with the CIRCABC logo, a search bar, and user options. Below the header, a light blue banner indicates the user is logged in as a guest. The main content area displays a list of GPP criteria under the heading 'EU Green Public Procurement Criteria'. A notification bar at the top of the list states 'Este fórum está disponível ao público'. The list table has columns for selection, name, title, last update, version, size, and cancellation date. The criteria listed include Cleaning products and services, Computers, monitors, tablets and smartphones, Data centres, server rooms and cloud services, Electricity, Food Catering services and vending machines, Furniture, Imaging Equipment, consumables, and print services, and Office Building Design, Construction and Management.

Green Business Biblioteca









Está a aceder a este grupo na qualidade de convidado com acesso limitado.

GUARDAR, GERIR E PARTILHAR OS SEUS DOCUMENTOS

Library > Green Public Procurement > EU Green Public Procurement Criteria

Este fórum está disponível ao público

Página 1 / 2

<input type="checkbox"/>	Nome ↑	Título	Última alteração:	Versão	Tamanho	Data de cancelamento
<input type="checkbox"/>	 Cleaning products and services Cleaning products and services		2023 06 09, 11:33		-	-
<input type="checkbox"/>	 Computers, monitors, tablets and smartphones Computers, monitors, tablets and smartphones		2023 06 09, 11:51		-	-
<input type="checkbox"/>	 Data centres, server rooms and cloud services Data centres, server rooms and cloud services		2023 06 09, 11:55		-	-
<input type="checkbox"/>	 Electricity Electricity		2023 06 09, 12:06		-	-
<input type="checkbox"/>	 Food Catering services and vending machines Food Catering services and vending machines		2023 06 09, 12:16		-	-
<input type="checkbox"/>	 Furniture Furniture		2023 06 09, 12:27		-	-
<input type="checkbox"/>	 Imaging Equipment, consumables, and print services Imaging Equipment, consumables, and print services		2023 06 09, 12:37		-	-
<input type="checkbox"/>	 Office Building Design, Construction and Management Office Building Design, Construction and Management		2023 06 09, 12:42		-	-

# GPP and sectorial legislation...





# What GPP criteria?



## Practical guide for the use of the EU Ecolabel in the green public procurement of hard covering products



### HIGHLIGHTS

- The EU Ecolabel and EU GPP are two European policy instruments that can be used by public procurers in a synergistic manner by matching supply and demand signals to green the market.
- Suppliers receive general demand signals for greener products. However public procurers are often reluctant to state specific green criteria in calls for competition because of uncertainty about what exactly to ask for and the availability of compliant products on the market.
- These practical guidelines help procurers to draw up technical specifications and award criteria in calls for the green public procurement of hard covering products.
- Compliance with the recommended EU GPP criteria can be verified simply by products carrying the EU Ecolabel and, in some cases, by products carrying other ISO 14024 type I ecolabels.

**QUICK GUIDE -** Recommended environmental criteria focus on the following three environmental themes: (i) energy consumption and CO<sub>2</sub>; (ii) emissions to air; and (iii) process waste reuse. These cross-cutting themes have criteria tailored for nature stone-, agglomerated stone-, ceramic-fired clay- and precast concrete-based hard covering products.

For more detailed information about the rationale behind these criteria, please consult related JRC reports (Donatello *et al.*, 2018; Donatello *et al.*, 2021, and Donatello *et al.*, 2024).



## Practical guide for the use of the EU Ecolabel in the green public procurement of absorbent hygiene products



### HIGHLIGHTS

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- These practical guidelines help procurers to draw up technical specifications and award criteria in calls for the green public procurement of absorbent hygiene products.
- Compliance with the recommended EU GPP criteria can be verified simply by products carrying the EU Ecolabel and, in some cases, by products carrying other ISO 14024 type I ecolabels.

**QUICK GUIDE -** Recommended environmental criteria focus on: (i) fluff pulp, man-made cellulose fibre, and cotton sourcing and processing (ii) material efficiency in the manufacturing of the final product, and (iii) product packaging.

For more detailed information about the rationale behind these criteria, please consult related JRC reports (Background report to the guide for the use of the EU Ecolabel criteria in the green public procurement of absorbent hygiene products [1], Preliminary Report [2], Final Technical Report [3]).

## JRC SCIENCE FOR POLICY REPORT

# Green Public Procurement Criteria for Office Building Design, Construction and Management

*Procurement practice  
guidance document*

Nicholas Dodd, Elena Garbarino,  
Miguel Gama Caldas (JRC)

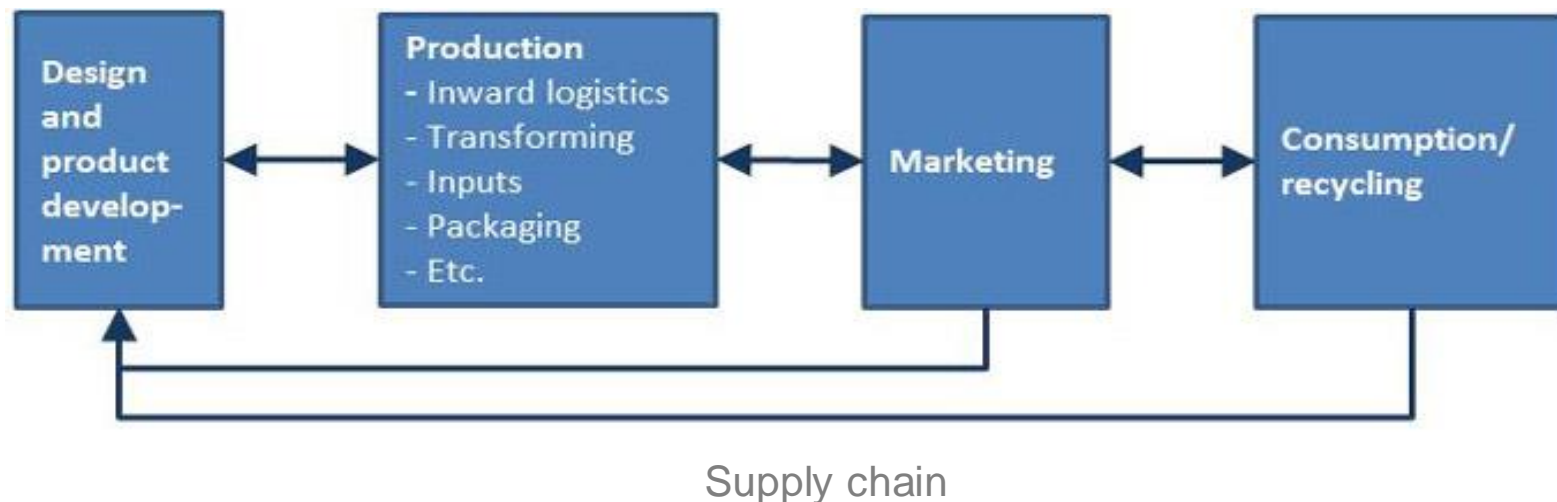
June 2016



# When implement GPP?

GPP can be implemented as part of all phases of the procurement process by public authorities ([Appolloni et al., 2019](#)):

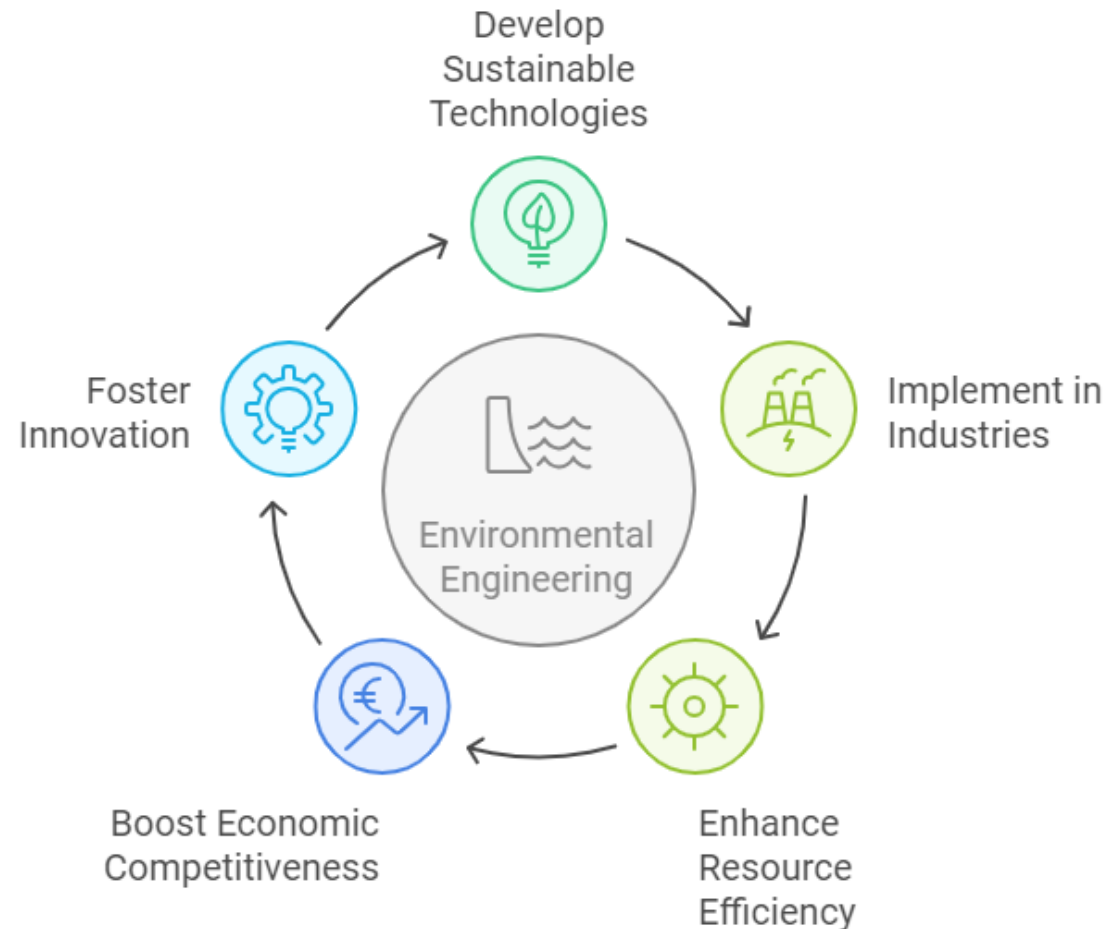
- i) as technical specifications during the pre-award phase,
- ii) as award selection criteria during the award phase, and
- iii) as contract performance clauses during the post-award phase





# GPP and innovation

Cycle of Engineering impact on GPP?



What skills are needed?

## PRECIUS Consortium

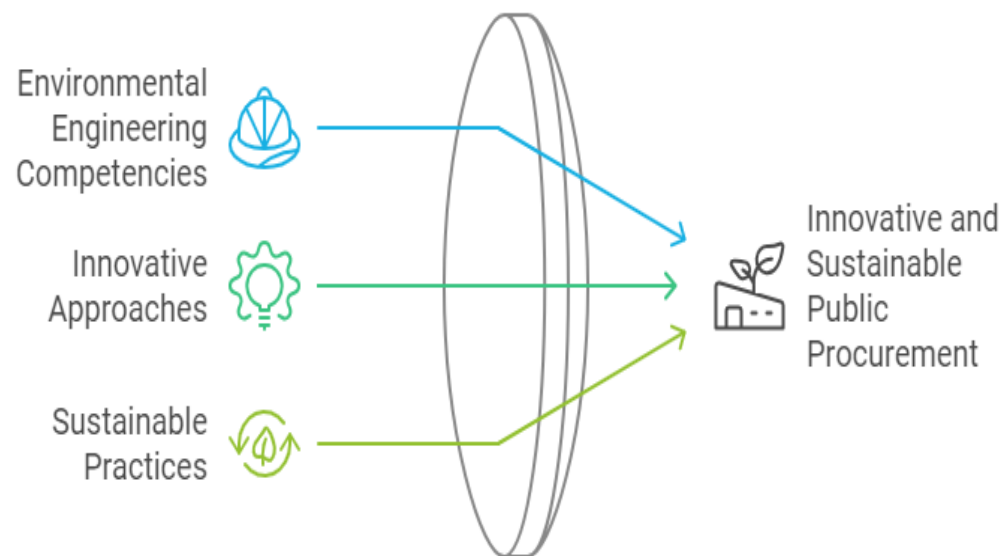


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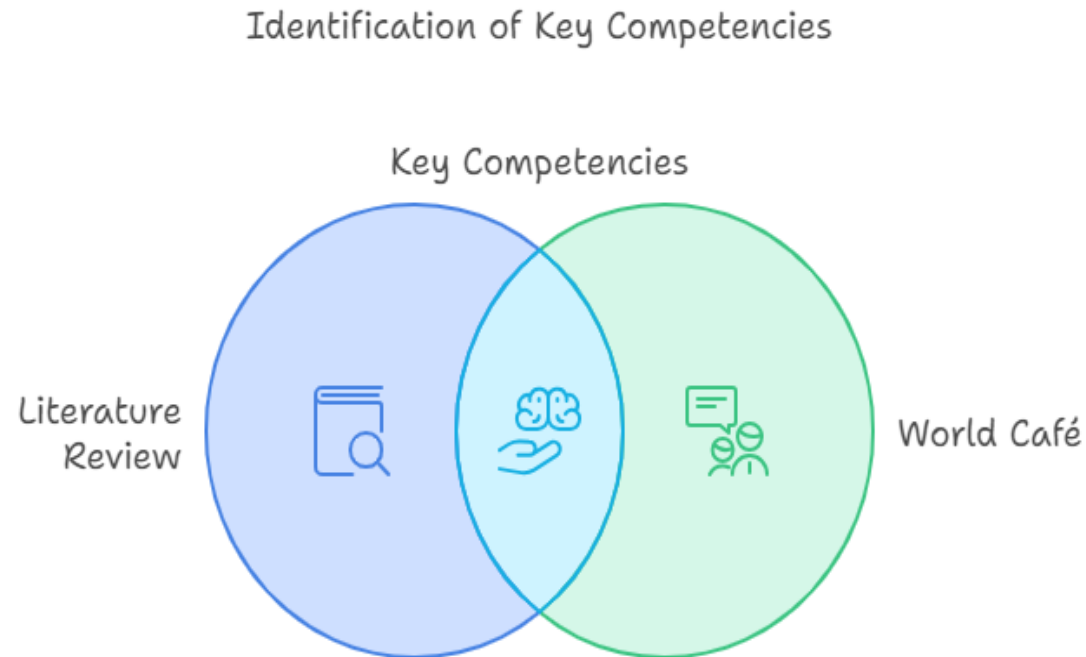
Procurement Educational Consortium for Innovation-sourcing using Sustainability

### Sustainable Public Procurement



# What we did

- Comprehensive literature review using the Scopus database
- A World Café with the participation of environmental engineers to discuss environmental engineers' competencies relevant to green public procurement.



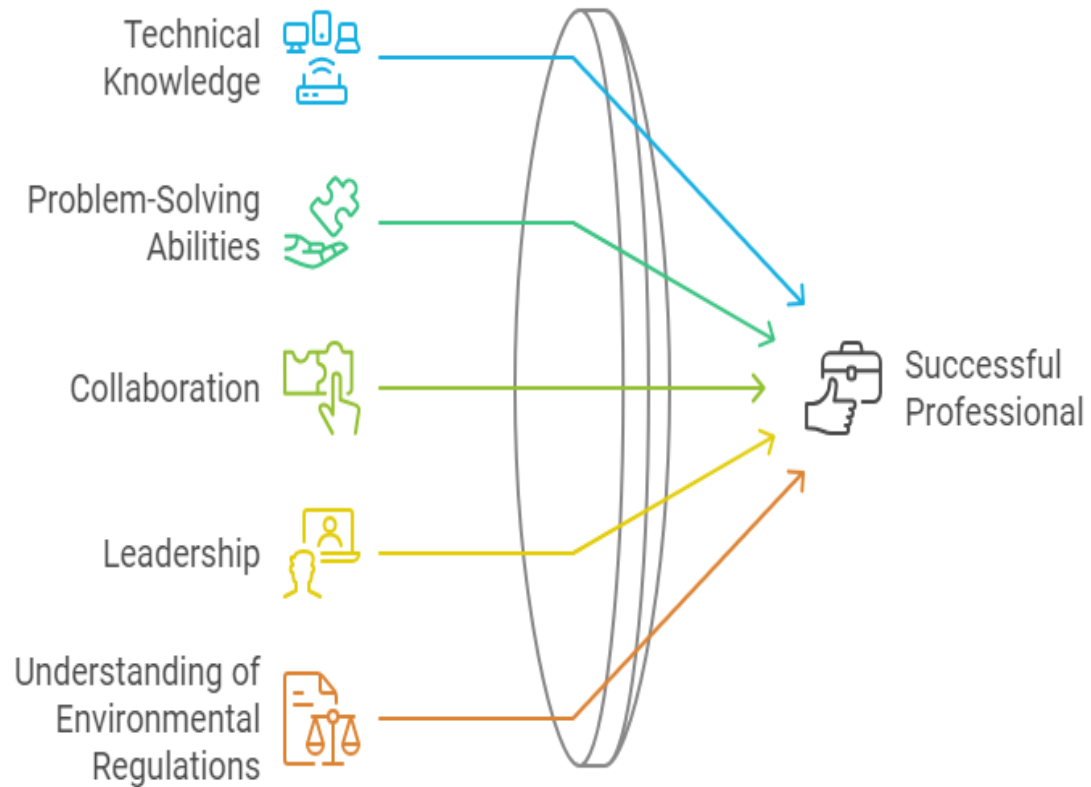
# World Café



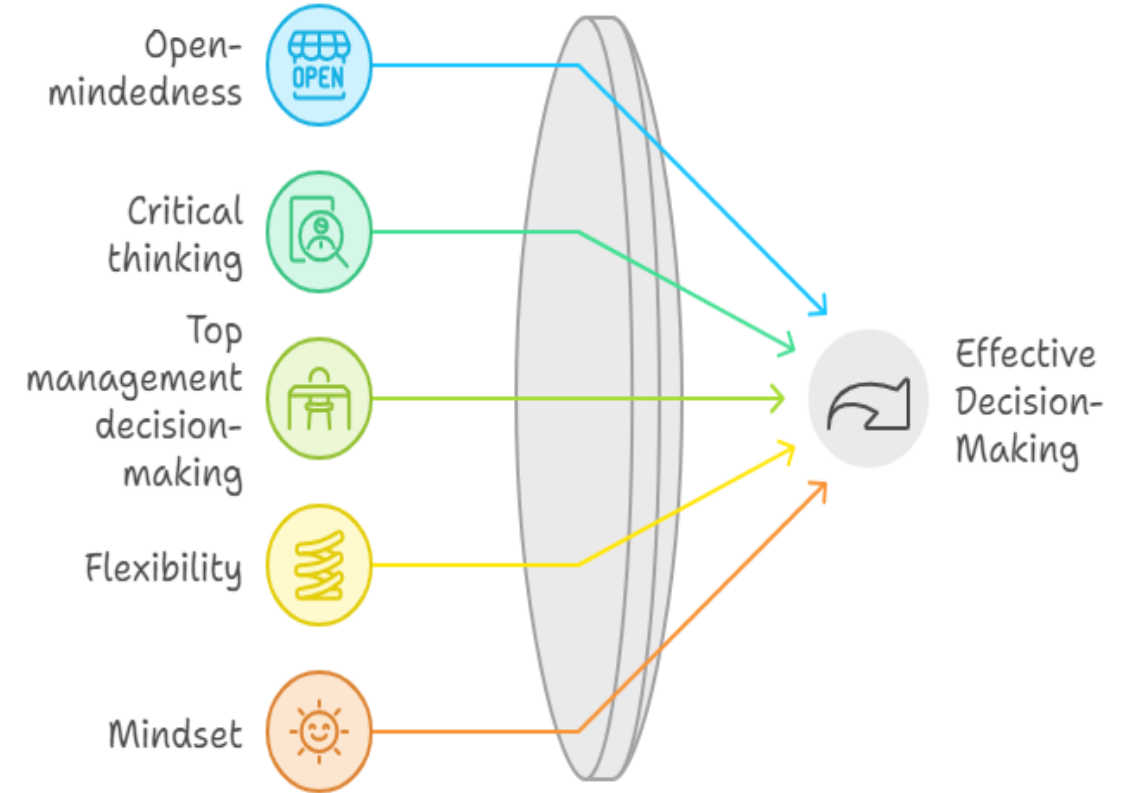


# What we found?

## Professional Competence



## Effective Decision-Making





## Our team!



Myriam  
Lopes



Sara  
Moreno Pires



Ana Paula  
Gomes



Helder  
Relvas



Santosh  
Bhandari

## PRECIUS Consortium



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# Thank You!

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