
BIODIVERSITY & PUBLIC PROCUREMENT

CBD Business & Biodiversity Forum

11 November 2015

RELEVANCE

*“Sustainable public procurement (SPP) is a process whereby organizations meet their needs in a way that achieves **value for money** and produces **benefits for society**, while **minimizing damage to the environment**.”*

- 250 000 public authorities in the EU
- Public procurement is responsible for 18% of GDP
- The Dutch government:
60 billion annually, 10 billion on a national level









SPP IN THE NETHERLANDS



Environmental criteria for sustainable public procurement of
Civil constructions

Environmental criteria for sustainable public procurement of
Green spaces
Version 7 May 2015

Environmental criteria for sustainable public procurement of
Office Supplies
Version 8 April 2015

- 
Cluster - Automatisering en telecommunicatie
 Dit cluster bevat alle communicatiemiddelen die uw werknemers nodig hebben om hun...
- 
Cluster - Energie
 Onder het cluster Energie valt de energievoorziening, zowel electriciteit als gas.
- 
Cluster - Grond, weg en waterbouw (GWW)
 Onder Grond-, Weg- en Waterbouw (GWW) vallen alle activiteiten (aanleg, reconstructie...
- 
Cluster - Kantoorfaciliteiten en diensten
 Onder dit cluster vallen de volgende producten en diensten: bedrijfskleding,
- 
Cluster - Kantoorgebouwen
 Onder het cluster Kantoorgebouwen vallen het aankopen, huren, beheren, onderhouden en...
- 
Cluster - Transport/Vervoer
 Het cluster Transport en Vervoer gaat over vervoersmiddelen en vervoersdiensten die...

6 clusters, 48 product groups with SPP criteria

BIODIVERSITY IN SPP

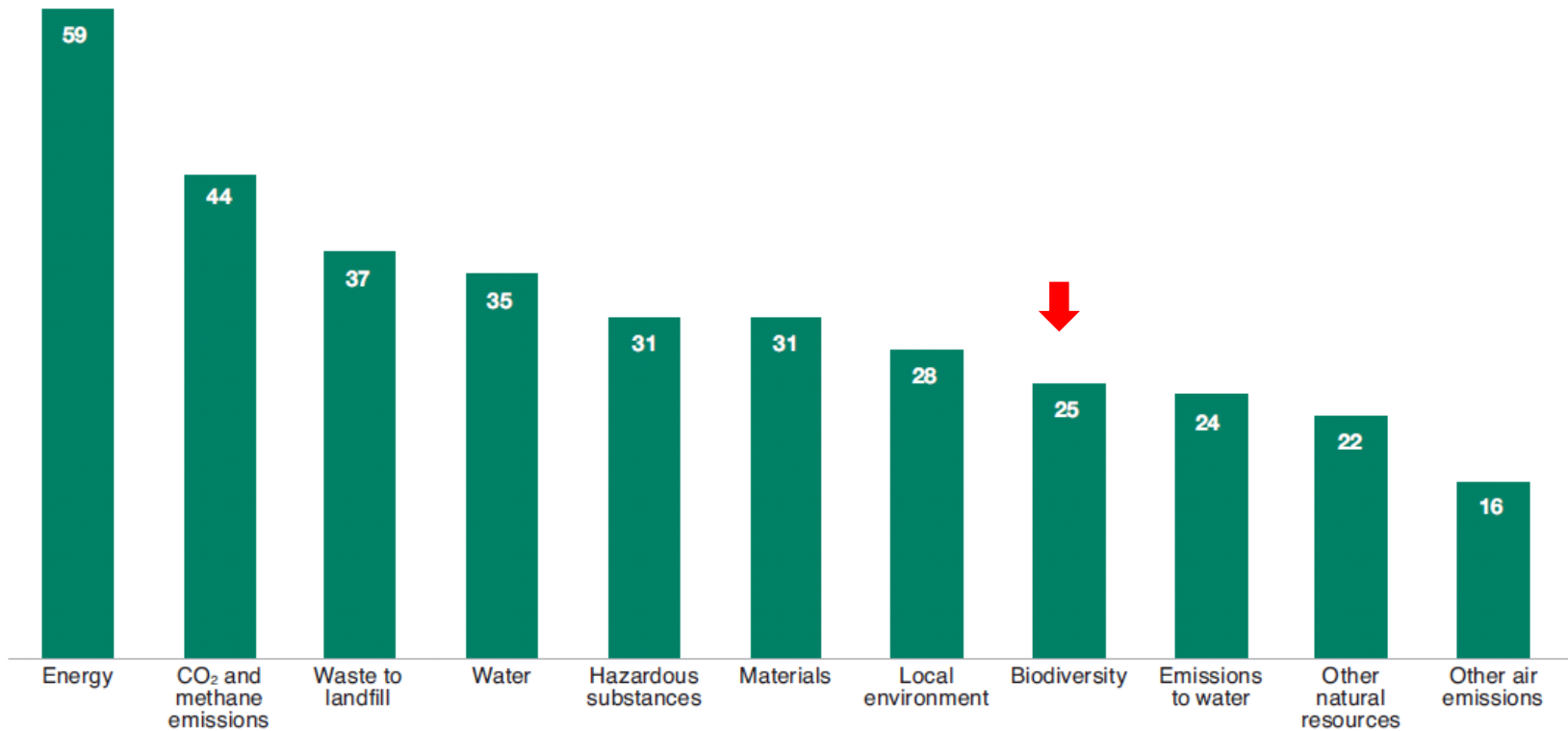


Figure 7: Environmental Aspects cited by national governments as priority

Source: Sustainable Public Procurement; a global overview, UNEP, 2013

WHY FOCUS ON BIODIVERSITY?

- Government as **launching customer** for **sustainable technical innovation & innovative solutions**



Contributing to:

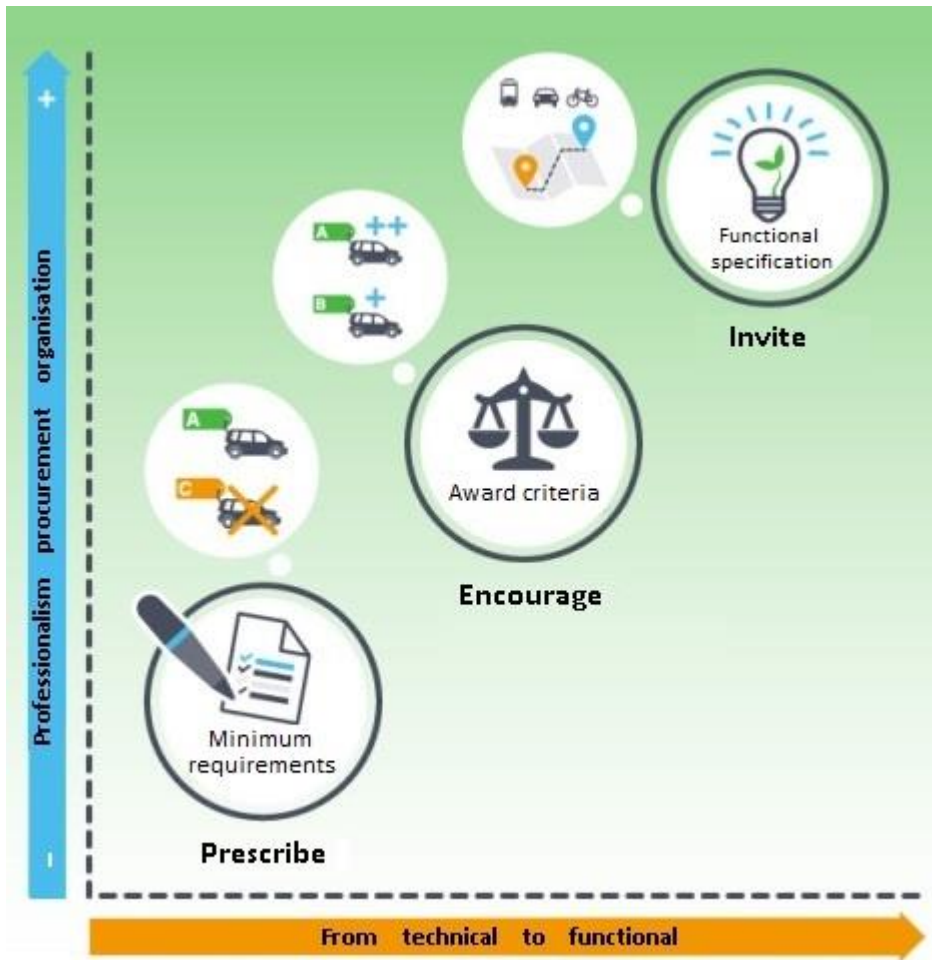
- International, national and local *sustainability objectives* (biodiversity and other)
- A reduction of the *Total Cost of Ownership / Life Cycle Costs*

Direct costs & Externalities

- Influencing *private and corporate* buying behaviour

BIODIVERSITY IN SPP

Directive 2014: Most Economically Advantageous Tender (MEAT), LCC & Innovation partnerships



Innovative solutions

Technical innovations

Minimizing impacts

Building with nature

Circular solutions

Product service systems

Design for recycling

Low energy use

Sustainable wood

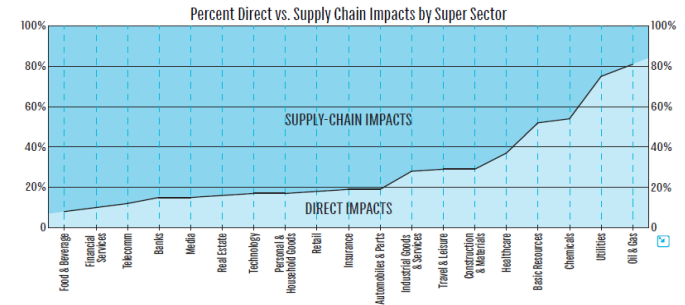
Reduction Hazardous substances



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A focus on the supply/value chain, not just the final product

For example: Corporate wear / other textiles



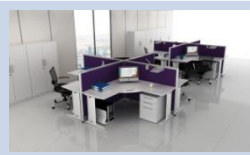


Raw materials	Production Fabric	Cut Make Trim	Procurement	Use	End of life



Linkages to drivers of biodiversity loss

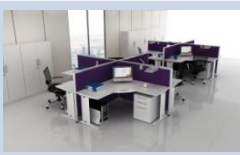


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'Biodiversity Heat map' Direct & indirect linkages to drivers of biodiversity loss

Product group	Land conversion	Pollution	Climate change	Over exploitation	Invasive species	Positive contributions?
	Red	Yellow	Yellow	Yellow	Yellow	Light Green
	Red	Yellow	Yellow	Yellow	Yellow	Light Green
	Red	Yellow	Red	Yellow	Yellow	Dark Green

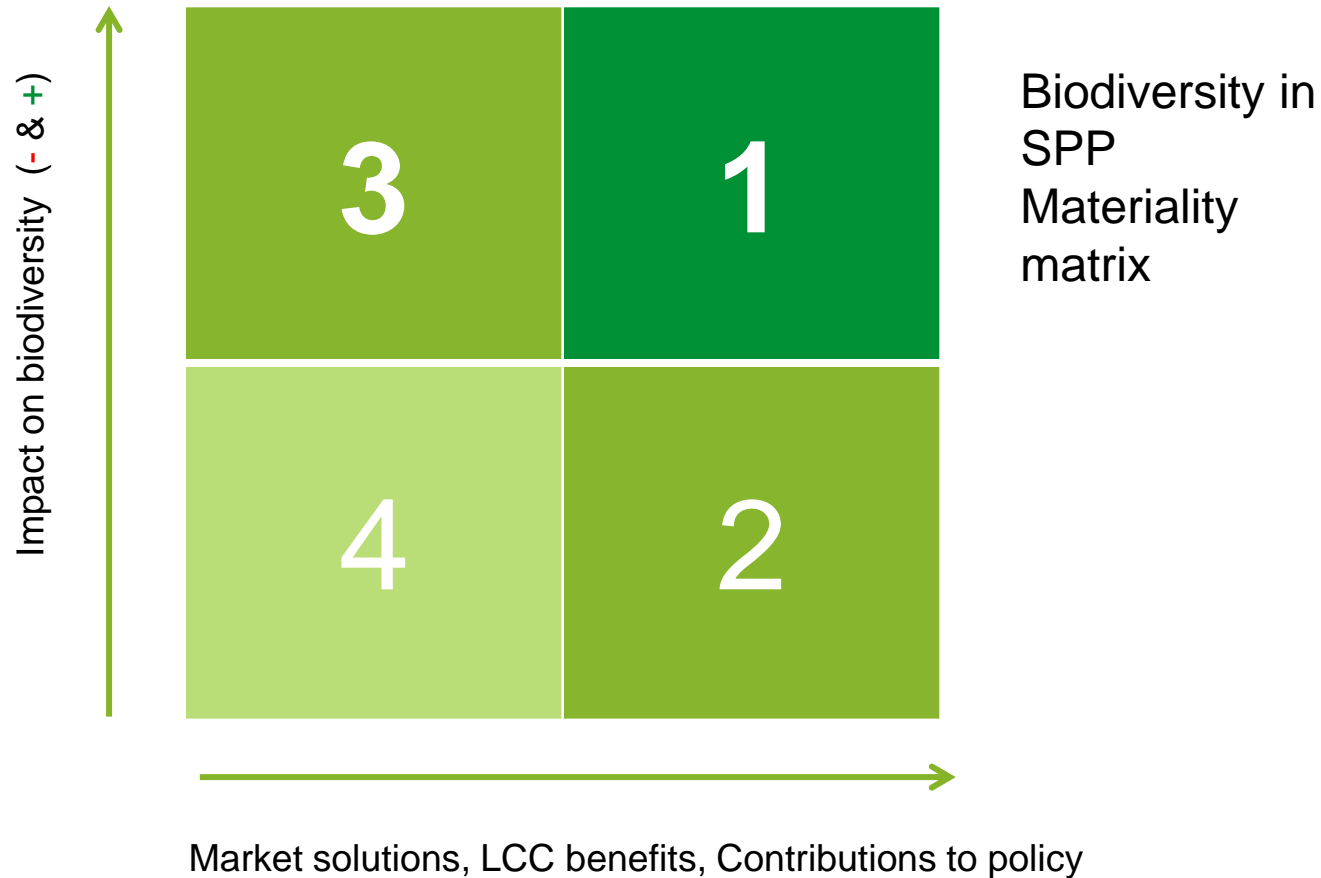
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Potential biodiversity impacts.....covered by SPP criteria (minimum/award/contract)?

Product group	Land conversion	Pollution	Climate change	Over exploitation	Invasive species	Positive contributions?
	✓ !	✓ !	✓	✓		!
	✓ !	✓ !	✓ !		✓ !	!
	✓ !	✓	✓ ✓	✓		!!

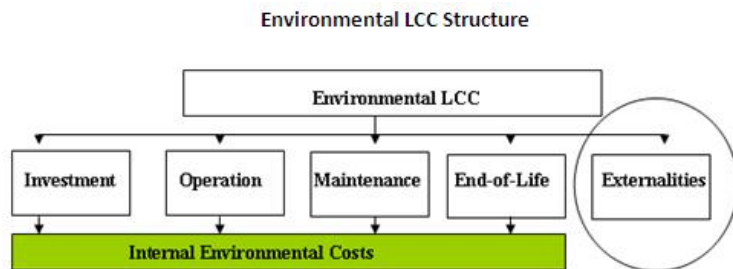
✓ = (partially) covered ! = opportunities for improvement

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Biodiversity in
SPP
Materiality
matrix

CHALLENGES



Monetization of externalities related to biodiversity / ecosystems for Life Cycle Costing purposes



This is the new component which has to be added so as to have an environmental LCC model

“..... but can also include costs imputed to **environmental externalities**, such as **pollution caused by extraction of the raw materials** used in the product or caused by the product itself or its manufacturing, **provided they can be monetised and monitored.**”

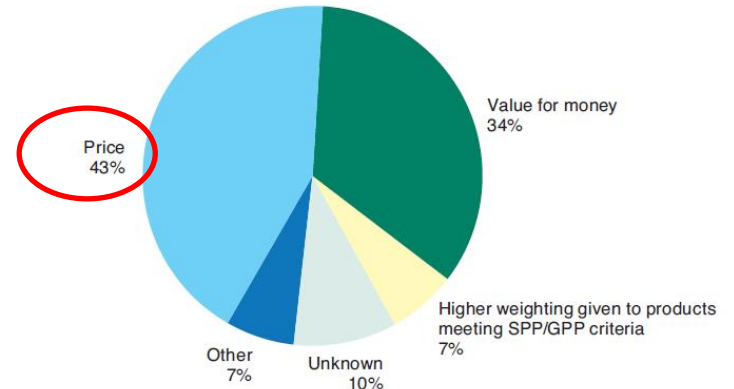
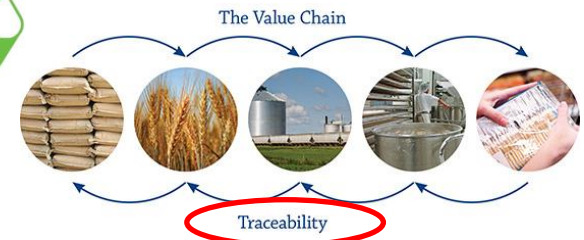


Figure 19: Dominant awarding rules by national governments for procurement

Source: Sustainable Public Procurement; a global overview, UNEP, 2013

Product Composition



THANK YOU

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***WORKING ON
SUSTAINABILITY***