European Best Practice - Examples on SPP

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Aalborg - Circular procurement for furniture (II)

Background

- Continuous and improved commitment to more sustainability since the **'Aalborg Charter'** (1994)

- Development of **the 'Aalborg Municipality's Sustainability Strategy'** (2017-2021).

Procurement objectives

- Shift from only classic furniture towards a comprehensive proposal for an 'inspiring learning environment'

Procedures/criteria

- Establishment of support services during the proposal creation

- Obligatory circular economy criteria

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Aalborg - Circular procurement for furniture (II)

Results

- Eight applicants, five were invited to submitted tenders, three were received

- The Municipality of Aalborg was awarded as **Denmark's Best Call for Tender** in 2017

Impacts

- Positive environmental impact by including circular economy criteria

- Creation of a cooperative school register for surplus furniture to be (re)used in other facilities → optimising life span of products

Reference: European Commission (2018), Circular procurement for a sustainable learning environment Municipality of Aalborg. *GPP in Practice*, 79, online available at: https://ec.europa.eu/environment/gpp/pdf/ news_alert/ Issue79_Case_Study_155_Aalborg.pdf

Implemented by

Stockholm - Sustainable procurement of ICT (I)

Background

- Environmental Programme (2017-2021): 15 environmental goals and 24 indicators in health and medical care, public transport etc.

- Requirements for ICT procurement since 2010 and social responsibility terms since 2014

Procurement objectives

- Support innovation of ICT equipment to reduce energy consumption, minimise violations of human rights, labour rights and child labour

- Exclude toxic materials, lower environmental impact and enhance social responsibility

Procedures/criteria

- Meet Energy Star Requirements

- Ban halogen and mercury usage

- Include packaging requirements

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Stockholm - Sustainable procurement of ICT (II)

Results

- Three bidders, from which all could meet only some requirements

- Challenges in verifying the supply chain

Impacts

- Elimination of toxic components in new computers

- Not all requirements could be included, such as avoiding PVC in computer cables → exclusion of this specific criteria

Reference: European Commission (2018), Sustainable procurement of desktop and portable computers. Region Stockholm (Sweden). *GPP in Practice*, 89, online available at: https://ec.europa.eu/environment/gpp/pdf/news _alert/ Issue_89_Case_Study_170_Stockholm.pdf

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Mechelen - indoor lighting-as-a-service (I)

Background

- Winner of the **European Green Leaf** award 2020

- **'Mechelen Klimaatneutraal'** initiative sets high environmental targets focusing on green electricity, emissions reduction and raw material usage

Procurement objectives

- In line with the **'New World of Work'** concept

- Strengthen circular and low-energy solutions

Procedures/criteria

- Focus on the a) financial and economic strength of a supplier and b) technical and professional competence

- The supplier becomes the owner and is responsible for the product during its lifetime

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Mechelen - indoor lighting-as-a-service (II)

Results

- Three valid offers

- The winner was offered a contract of 15 years with a total cost of about 400,000 Euro

Impacts

- LED increases the lifetime of a bulb and has better energy efficiency

- Estimated 10 tonnes CO_2 reductions yearly → 150 tonnes in 15 years

Reference: European Commission (2018), Procuring energy-efficient indoor lighting-as-a-service City of Mechelen (Belgium). *GPP in Practice*, 90, online available at: https://ec.europa.eu/environment/gpp/pdf/news_ alert/Issue_90_Case_Study_171_Mechelen.pdf

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