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UNEP'S METHODOLOGY ON SUSTAINABLE PUBLIC PROCUREMENT AND CASE STUDIES FROM THE EASTERN PARTNERSHIP REGION

Training workshop on promoting Sustainable Public
Procurement and eco-labelling in Armenia, 12 December 2023
Ms. Lesya Nikolayeva, International Expert, Europe Office
United Nations Environment Programme

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Definition of SP

Sustainable Procurement (SP) is

*... the process whereby organizations meet their needs for goods, services, works and utilities in a way that achieves “**value for money on a whole life basis**” in terms of generating benefits not only to the organization, but also to society and the economy, whilst minimizing, and if **possible avoiding**, damage to the environment*

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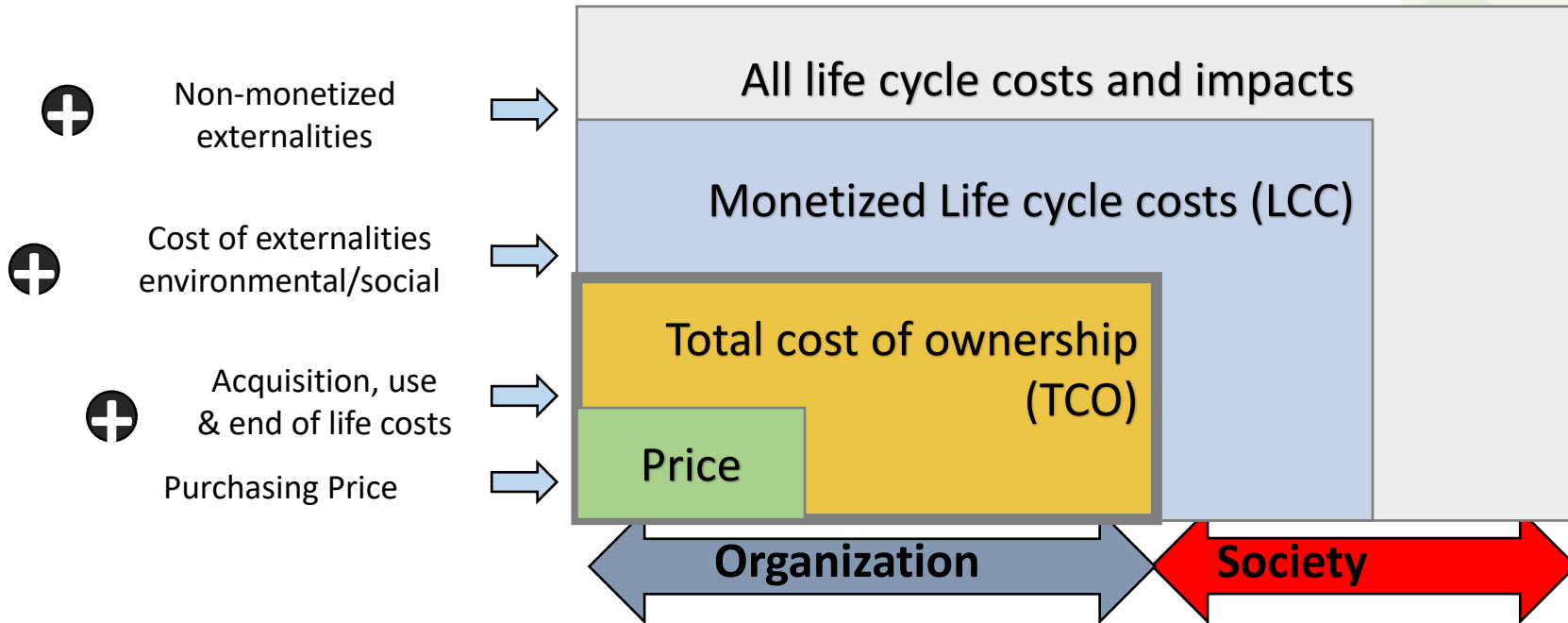




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Life cycle costs



Source: UN Environment / ISO 20400

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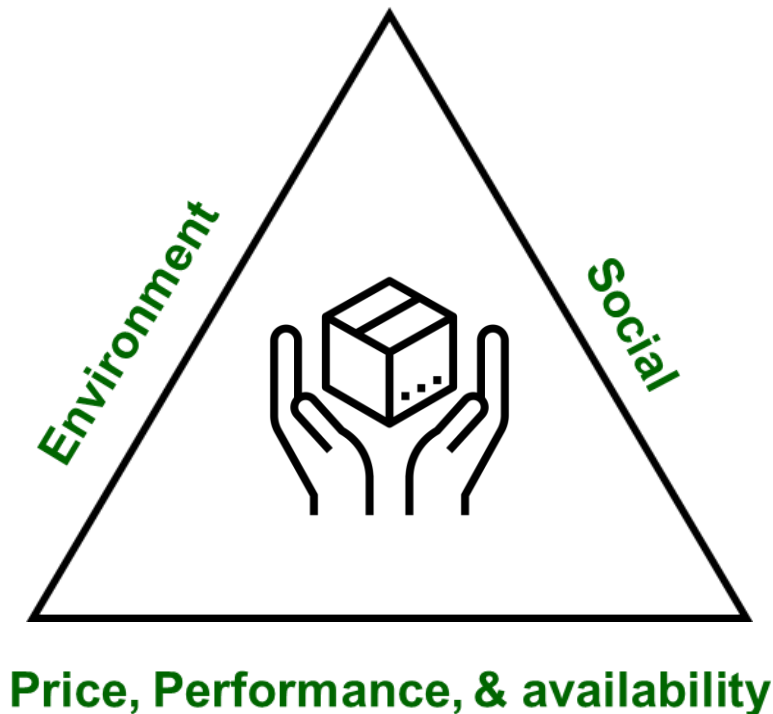




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Sustainable procurement is about **buying better products from better companies**



What is a ‘Green’ product?

- Can be recycled
- Has a recycled content
- Be energy efficient
- Emission reducing
- Re-usable
- Biodegradable
- Organic

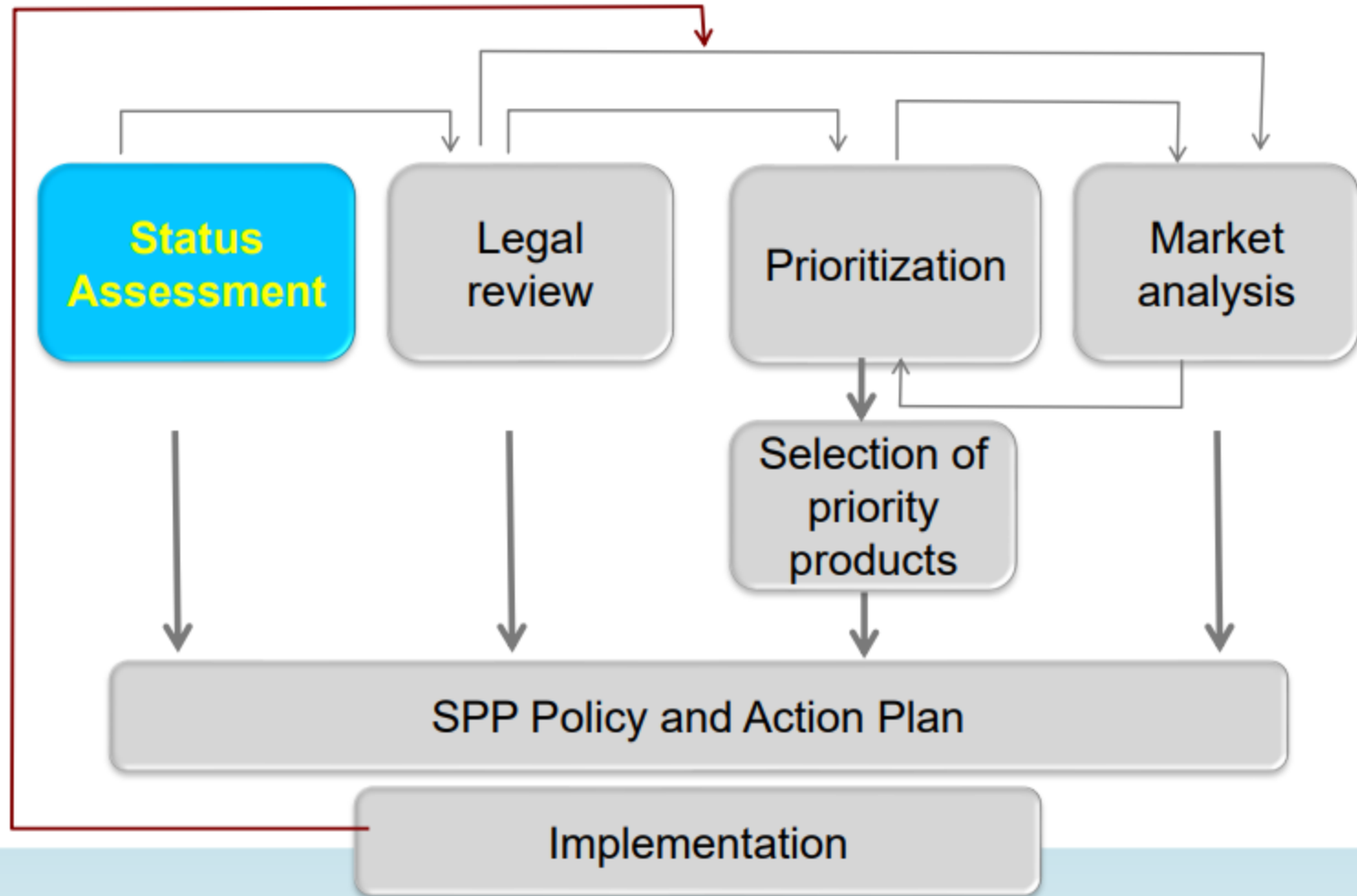
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Preliminary studies: A. Status Assessment





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Sustainable Public Procurement Implementation Guidelines (2012):

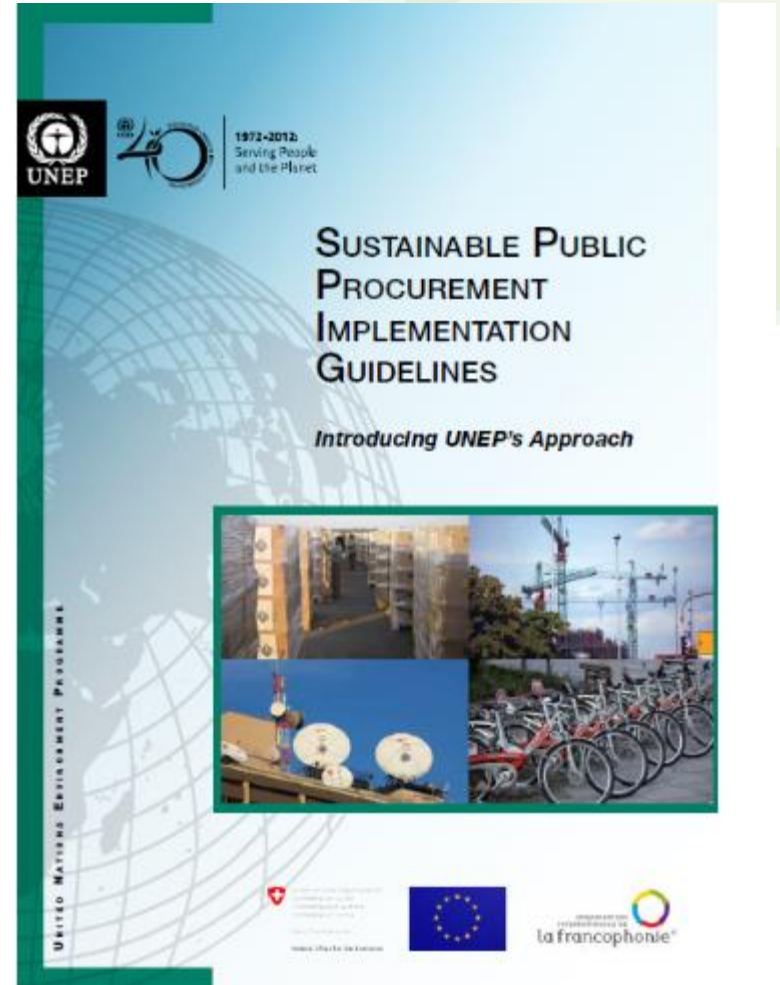
[Sustainable Public Procurement
Implementation Guidelines | One Planet
network](#)

In English:

[sustainable public procurement impl
ementation guidelines.pdf
\(oneplanetnetwork.org\)](#)

In Russian:

[51.pdf \(oneplanetnetwork.org\)](#)



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Sustainable Public Procurement How to “Wake the Sleeping Giant”

Second Edition of UNEP’s Sustainable Public
Procurement Guidelines | UNEP - UN
Environment Programme

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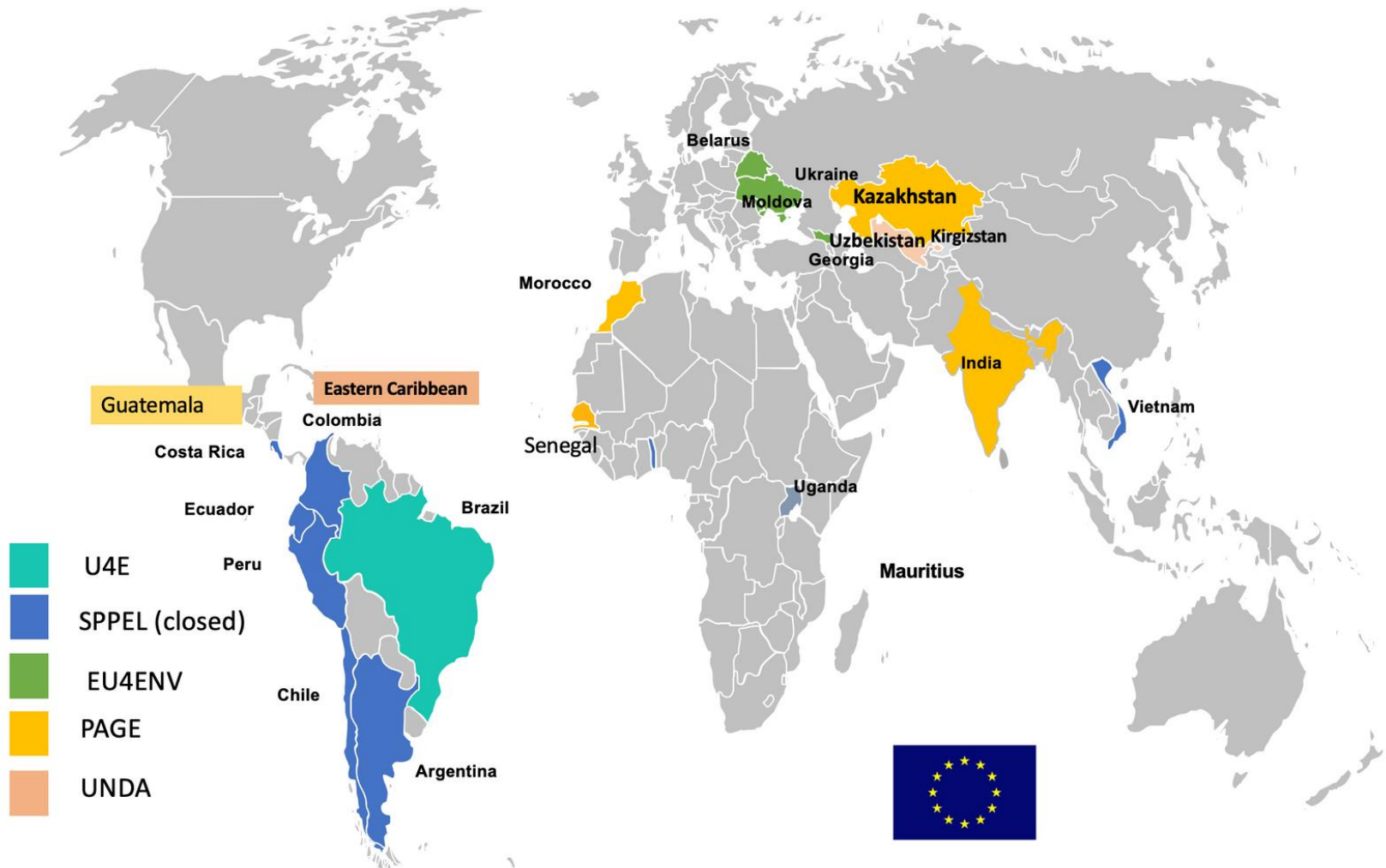
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UNEP has been assisting governments in SPP implementation since 2013



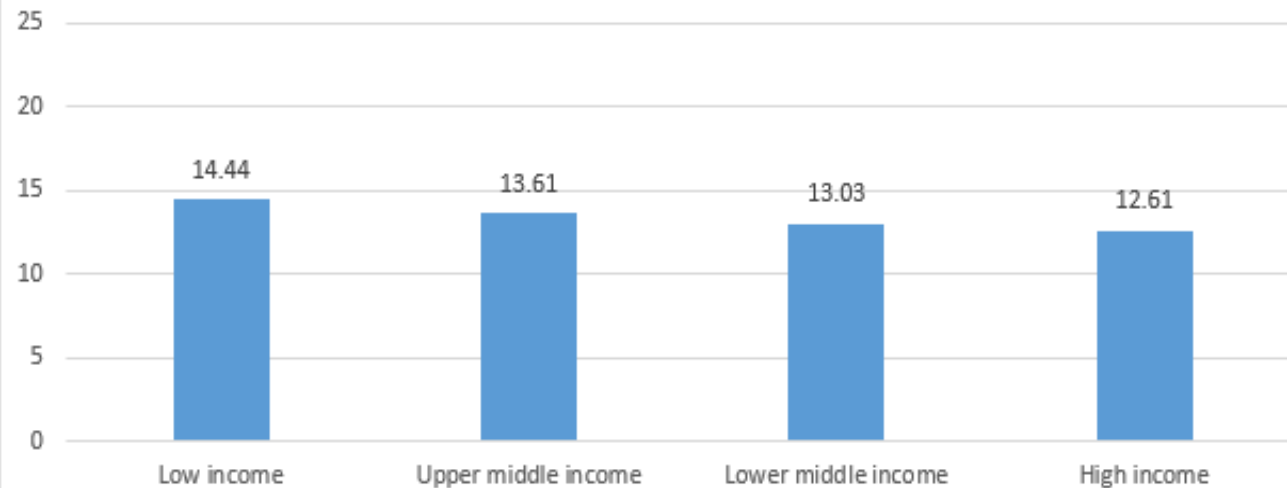


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Why Sustainable Public Procurement?

Procurement as a % of GDP



13% of GDP in OECD countries (2015)
10-15% of GDP assumed as the worldwide average (2015)
16% of GDP in the EU (2017)

Graph: Procurement as % of GDP in low-income, lower middle income, upper middle income and high income countries (World Bank 2016).

Sources: WTO, 2015; Eurostat, 2017; European Commission 2018

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Type I Ecolabelling

Patented Logo



Only the **best products** can be awarded to use the logo - **Consumers may buy** these products without doubt

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Which categories of products, services and works are prioritized?



Office IT	89%
Office paper and stationary	85%
Vehicles	70%
Cleaning	67%
Furniture	63%
Buidling design and construction	59%
Building equipment	59%
Building materials	52%
Energy	52%
Textiles	52%
Food and catering	44%
Chemical products	37%
Household appliances	37%
Infrastructure design and construction	33%
Waste collection and street cleaning	22%
Travel services	15%
Works execution	15%

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Case study from Georgia: Improvement of the legislation

Law of Georgia on Public Procurement **1**

Unofficial translation. PPL Final edition 27-Feb-2023

SPP-related legal regulations at the Georgian primary legislation -
Extracts from the recently (Feb-23) adopted Public Procurement Law

Law of Georgia on Public Procurement

Chapter I. General Provisions

Article 1. Scope and Purpose of the Law

1. This Law establishes the general legal, organisational and economic principles for conducting public procurement, also procedures for carrying out public procurements in the fields of defense and security, authority of the public procurement-related Dispute Resolution Council and the procedures for reviewing disputes.

2. The purpose of this Law shall be:

a) to ensure the most efficient, cost-effective, transparent and fair use of monetary funds stipulated for public procurements by establishing the requirements and rules that shall be

Article 1. Scope and Purpose of the Law

2. The purpose of this Law shall be:

d) Promote sustainable development considering environmental, social, and economic aspects when conducting public procurement.

Article 2. Principles of Public Procurement

1. Public Procurement shall be based on the following principles:

f) achieving the goal of sustainable development in the implementation of public procurements in the cases defined by the decree of the Government of Georgia.

Article 3. Definition of Terms

1. Terms used in this Law shall have the following meaning:

u) 'life cycle' — includes all consecutive and/or interconnected stages, including research and development to be carried out, production, trading and its conditions, transportation, use and maintenance, the whole period of existence of the product or execution of works and provision

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Case study from Moldova: Technical specifications for 5 product categories

Market review and sustainability criteria for:

1. Organic fruits and vegetables;
2. Energy-efficient windows and doors
3. Computers;
4. Cars;
5. Printer paper, A4 format.

Products/- Aspects	Technical-specifications
Energy-efficient double-glazed windows-and doors	<p>The Terms-of-Reference, the Section 'Materials, Compatibilities, Technical Regulations and Applied Standards' shall specify the quality, conformity and applicability of materials, laws, technical regulations and applied standards, acceptance of materials and works, service life of works and liability for the terms, conditions and quality of works.¶</p> <p>Technical requirements to the materials used upon procurement of works on carpentry replacement (PVC windows and doors).¶</p> <p>Minimum technical specifications for the carpentry:¶</p> <ul style="list-style-type: none"> - → PVC profile of class 'A', with the exterior wall thickness of ≥ 2.8 mm;¶ - → Profile with a minimum of 5 sections, which are reinforced with galvanised steel with the thickness of a minimum of 1.5 mm, with special anti-corrosion coating,¶ - → Eco-profiles (without lead) — Green Line or equivalent certification,¶ - → Thermal transfer factor: $K = \max. 1.5 \text{ W/mpK}$¶ - → Double-glazed windows, Low-e windows with argon or krypton, 32 mm (4-10a-4-10a-4k),¶ - → Noise insulation — min. 35 dB,¶ - → Fire safety — class 'C', according to EN-13501 or an equivalent directive,¶ - → Water proofing — class '7A' according to EN-12208 or an equivalent directive,¶ - → Wind load behaviour — class 'C3' according to SREN-12210 and SREN-12424 or an equivalent directive,¶

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Case study from Ukraine: Improvement of E-procurement Prozorro system

The screenshot shows the search filters in the Prozorro system. At the top, there are tabs for "Tenders", "Plans", "Selections", and "Goods". Below the tabs is a search input field with the placeholder text "Name or code of the product, purchase number, name". There are also buttons for "Customer", "Member", "The buyer", and "DK021:2015". A green filter button labeled "Environmental criteria" is highlighted, with a close icon (X). Below it is a "Reset filters" button. At the bottom of the filter panel, a yellow box displays "Found 385 tenders".

The screenshot shows the "Створення закупівлі" (Creation of purchase) form. It includes a "Тестова" (Test) button and "Зберегти" (Save) and "Скасувати" (Cancel) buttons. The form is divided into two columns. The left column is labeled "Організатор" (Organizer) and contains fields for "Назва:" (Name), "Назва (англ):" (Name (English)), "Код ЄДРПОУ:" (EDRPOU code), and "Адреса:" (Address). The right column is labeled "Контактна особа:" (Contact person) and contains fields for "Контактна особа (англ):" (Contact person (English)), "E-mail:", and "Телефон:" (Phone number). The "Назва" field contains "ТОВ 'Смарттендер тест'" and the "Назва (англ)" field contains "ST".

The screenshot shows the "Тип процедури" (Type of procedure) dropdown menu. The selected option is "Відкриті торги з особливостями" (Open tenders with features). Below the dropdown, there is a list of options with checkboxes. The "Екологічні вимоги" (Environmental requirements) option is checked and highlighted with a green box. A dashed green arrow points from the text box to this option. Other options include "Вартість життєвого циклу" (Life cycle cost) and "Застосовано аукціон" (Auction used). A tooltip is visible over the "Екологічні вимоги" option, containing the text "Ознайомтесь з інструкцією з використання екологічних вимог" (Read the instruction on using environmental requirements) and a link: "https://infobox.prozorro.org/articles/instrukciya-z-zastosuvannya-ekologichnih-vimog-i-ekologichnih-kriterijiv".

“Environmental requirements”
field added in e-procurement system
for “Eco tenders” *Identification,
Monitoring and Statistics*



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Good practice library: compilation of case studies on green and socially responsible public tenders in Europe (use of life-cycling costing, circular economy principles and approaches fostering sustainable innovation, new technologies etc.). The practice cases also provide some ‘lessons learned’ for those wishing to replicate experiences.

https://green-business.ec.europa.eu/green-public-procurement/good-practice-library_en?f%5B0%5D=oe_page_subject%3Ahttp%3A//data.europa.eu/uxp/c_163e1e96&page=0

SPP and eco-labelling practices: EU procurement context

(presentation by Mr. Eriks Mezalis): [PowerPoint Presentation \(eu4environment.org\)](http://eu4environment.org)

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The One Planet network

(10 Year Framework of Programmes on Sustainable Consumption and Production)



One planet
inform with care



One planet
procure with care

Consumer Information Programme

Sustainable Public Procurement Programme

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Thank you for your attention!

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