



Funded by the European Union



Advancing resource efficient and cleaner production in Moldova

The RECP methodology

Resource Efficient and Cleaner Production (RECP) is the integrated and continuous application of preventive environmental strategies to **processes, products, and services** to increase efficiency and reduce risks to humans and the environment. RECP is all about producing with fewer resources while minimizing environmental impacts and increasing overall productivity. For **Small and Medium-Sized Enterprises (SMEs)**, the RECP methodology can effectively lower production costs whilst improving the SMEs' competitive advantage and applying environmentally friendly practices. RECP is also an effective tool to introduce and promote Circular Economy principles among SMEs.

“TROMIGOU PRINT” LTD - PRODUCTION OF WOOD-BASED ITEMS



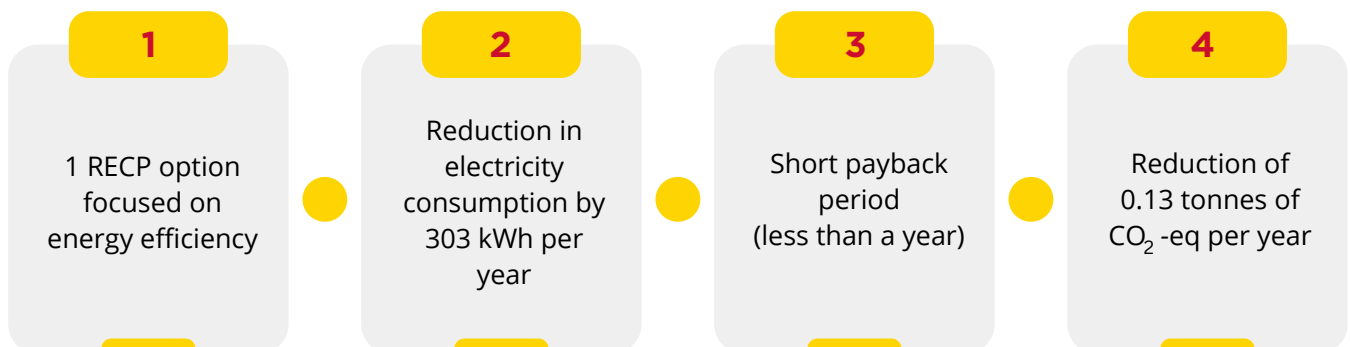
Company overview

Location: Chişinău
Key products: wood-based souvenirs
No. of employees: 8
Main markets: Moldova
Founding year: 2017



“Tromigou Print” is a manufacturer of wood-based souvenirs. The company offers a wide range of products, including phone stands, hot dish stands, magnets, postcards, jewellery boxes, and badges, to name a few. The company's employees are directly involved in designing the products. Production is carried out both in series and based on specific orders received from corporate and individual customers. Almost every stage of production is carried out manually. During the production process, a CNC-machine and special printer are used to provide high-quality outputs. Motivated to optimise energy efficiency and reduce heat losses, the company participated in the RECP Clubs programme under EU4Environment (2019-2024). This publication shows the company's experience reported after the monitoring exercise conducted in 2021-2024.

BENEFITS FROM IMPLEMENTING RECP OPTIONS



Action implemented by:



The project's approach

The RECP assessment examined the production site and identified several RECP options, out of which the following was prioritised by the company. The suggested RECP recommendation requires a payback period of less than a year:

RECP Option 1. Adding a heat protection film on the surface of the glass windows: This measure consists of adding a heat protection film on the surface of the glass windows to reduce the heat transfer of the area. The implementation of this measure would result in a reduction in heat losses to the environment (20-40%) and reduced electricity consumption, especially during the winter season.

SAVING ACHIEVEMENTS

Main RECP action

OPTION 1

Adding a heat protection film on the surface of the glass windows

Economic key figures

RECP OPTIONS	INVESTMENT (EUR)	SAVINGS (EUR/YR)	PAYBACK PERIOD (YR)
Option 1:	6	40	0.15

Resource savings

RECP OPTIONS	ELECTRICITY (KWH/YR)/%
Option 1:	303/30

Total pollution reduction

RECP OPTIONS	TOTAL CO ₂ -EQ (TONNES/YR)
Total:	0.13

“ Our company was interested in reducing its electricity consumption. Thanks to the RECP Clubs programme, we learned that low-cost measures such as adding a heat protective film on the glass surface can increase the level of comfort in the room, and significantly reduce or even eliminate the use of additional electricity-powered heat sources. As our company plans to increase its profit in the future and reduce energy-related costs, the RECP project has inspired us to come up with new ideas and approaches regarding the implementation of RECP measures in the near future, said the creative director and founder, Ms. Maria Babii. ”

The introduction of RECP has been part of the EU-funded EU4Environment Action and executed by UNIDO. In this context, **Tromigou Print** joined the RECP Clubs programme to be monitored under EU4Environment. Follow-up visits have also been conducted to check on the implementation of the recommended RECP options. EU4Environment helps the EU's Eastern Partnership countries preserve their natural capital and increase people's environmental well-being by supporting environment-related action, demonstrating and unlocking opportunities for greener growth, and setting mechanisms to better manage environmental risks and impacts. For more details, visit: www.eu4environment.org

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