



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.

### “FLAVORYA COM” LTD - FOOD PRODUCTION

#### Company overview

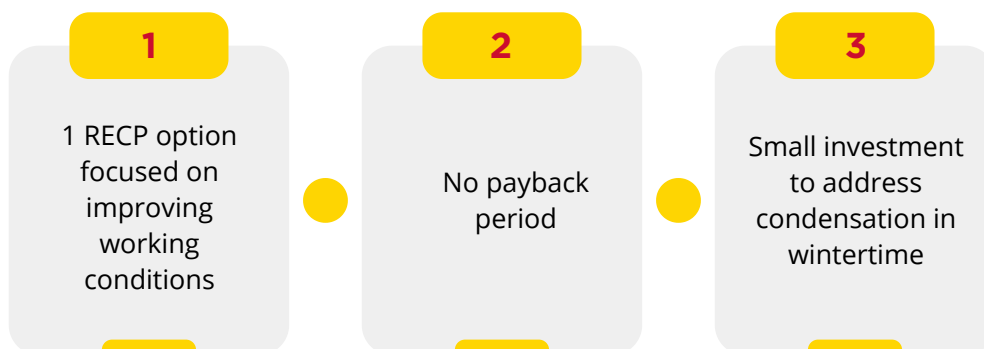


**Location:** Nisporeni  
**Key products:** fruits and berry paste, snacks, sprouted seed crackers  
**No. of employees:** 2  
**Main markets:** Moldova  
**Founding year:** 2021



“Flavorya Com” is a producer of healthy foods in the national food market, offering fruit and berry paste, various fruit and berry-based snacks and chips, as well as sprouted seed crackers. The company sources its raw materials both from the market and through its own production. The goods are then distributed to health food shops and marketed via social media. In 2022, to respond to the increased demand, the company expanded its production volume, reason for which it was necessary to rent an additional site and hire another worker. Motivated to create comfortable working conditions for its employees, 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. The suggested RECP recommendation has no payback period:

**RECP Option 1. Installation of an exhaust fan with ducts and ventilation grilles:** To minimise or eliminate the condensate formation on the windows, the RECP recommendation was to install an exhaust ventilation system. This measure would facilitate the necessary air exchange. Additionally, the supply of fresh air could be achieved by opening windows, and exhaust air can be efficiently removed using an extractor fan. The fan could also be activated periodically, based on needs. Consequently, moisture would be absorbed by the supply air and expelled outside the room along with the extracted air. This proactive approach would prevent the moisture from condensing on the cold surfaces of the windows.

## SAVING ACHIEVEMENTS

### Main RECP action

#### OPTION 1

Installation of an exhaust fan with ducts and ventilation grilles

### Economic key figures

RECP OPTIONS	INVESTMENT (EUR)	SAVINGS (EUR/YR)	PAYBACK PERIOD (YR)
Option 1:	185	/	/

“ Our company joined the RECP project because we were interested to enhance the working conditions of our employees, given the substantial manual labour involved in the production process. Thanks to the RECP Clubs programme, we learned that the working conditions have a significant and direct impact on productivity. As our company plans to grow further, the RECP project inspired us to come up with new ideas and approaches regarding the implementation of RECP measures in the future, said the owner, Ms. Valentina Buchna. ”

The introduction of RECP has been part of the EU-funded EU4Environment Action and executed by UNIDO. In this context, **Flavorya Com** 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](http://www.eu4environment.org)

This publication has been produced with the assistance of the European Union. Its contents are the sole responsibility of UNIDO and do not necessarily reflect the views of the European Union.

© - 2023 - UNIDO. All rights reserved. Licensed to the European Union under conditions.



United Nations Industrial Development Organization  
Ms. Tatiana Chernyavskaya  
EU4Environment Project Manager  
Tel: +43 1 26 0 26 5520  
E-mail: [t.chernyavskaya@unido.org](mailto:t.chernyavskaya@unido.org)



Organisation for Entrepreneurship Development  
Bulevardul Ștefan cel Mare și Sfânt 134  
Chișinău, Republica Moldova  
Tel: +373 22 295 741  
E-mail: [info@oda.md](mailto:info@oda.md)