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Advancing resource efficient and cleaner production in Azerbaijan

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 is an effective means to 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.

RORTVEST - TEXTILE PRODUCTION



Company Overview

Location: Baku

No. of employees: 27

Founding year: 2019

Key products: personal protective equipment, work equipment, and special clothing

Main markets: Azerbaijan

"Rortvest", formerly known as Coshgun Uniform LLC, specializes in the production and sale of personal protective equipment, workwear, and special clothing. The company operates a large office and showroom located near the center of Baku. The workshop is equipped with modern technologies and new equipment, ensuring that the products meet international standards for quality and safety. The company has an annual production capacity of 31,000 suits. Motivated to address production costs, the company participated in the RECP Demonstration Project under EU4Environment (2019-2024). This publication details the company's experience reported after the assessment exercise conducted in 2024.

BENEFITS



Action implemented by:



UNITED NATIONS
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The project approach

As the company is relatively small (it includes several departments and does not operate energy-intensive equipment or produce harmful emissions), the focus of the RECP assessment was on improving the efficiency of the technological process. The RECP team evaluated the production site and identified several options, out of which the company staff prioritized the following recommendation:

RECP Option 1. Utilising production waste: At the end of each day, waste from the cutting and sewing rooms is collected. This primarily consists of fabric scraps, threads, and cardboard sleeves from fabric rolls. Currently, all this waste is disposed of as general garbage. The RECP team proposed to sort this industrial waste by separating fabrics, threads, and other materials. This way, the sorted waste could then be handed over or sold to furniture manufacturers for use as filler in upholstered furniture and mattresses, thereby reducing overall waste and promoting recycling.

SAVING ACHIEVEMENTS

RECP measure

OPTION 1

Utilising production waste

Economic key figures

| RECP OPTIONS | INVESTMENT (EUR) | SAVINGS (EUR/YR) | PAYBACK PERIOD (YR) |
|--------------|------------------|------------------|---------------------|
| Total: | - | 3,000 | - |

The introduction of RECP has been part of the EU-funded EU4Environment Action and executed by UNIDO. In this context, **Rortvest** joined the RECP Demonstration Project 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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