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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.

### BETEX TEXTILE LLC - TEXTILE PRODUCTION



#### Company Overview

**Location:** Sumgayit Chemical Industrial Park

**Key products:** T-shirts, pants, shirts, robes, etc.

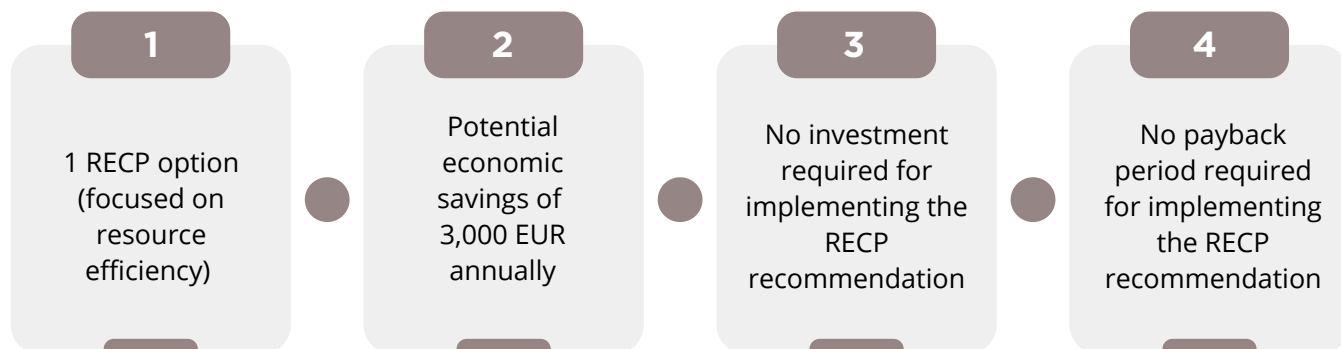
**No. of employees:** 18

**Main markets:** Turkey

**Founding year:** 2020

"Betex Textile" LLC specializes in producing garments such as T-shirts, trousers, shirts, and bathrobes. Its main production divisions include fabric laying, material cutting, tailoring (assembly of garment parts and assemblies), wet-heat processing, and warehousing and the storage of finished garments. Auxiliary premises include administrative rooms, a canteen, a gas boiler room, and additional warehouses. In 2022, the company joined the RECP Demonstration Project under EU4Environment (2019-2024), to enhance its environmental performance and optimize resource usage, including materials, water, and energy. With the support of the RECP experts, it identified opportunities to improve production efficiency, and reduce material consumption and waste. This publication details the company's experience reported after the assessment exercise conducted in 2024.

### BENEFITS



Action implemented by:

# The project approach

The RECP team evaluated the production site and identified several options, with the following recommendation being prioritised by the company staff:

**RECP Option 1. Utilising production waste:** As a low-difficulty measure, the RECP team recommended separating fabric waste into two categories, synthetic and cotton categories, to facilitate recycling. This separation would allow the company to sell the waste to furniture manufacturers (to be used as filler in upholstered furniture and mattresses). To implement this measure, industrial waste, including fabrics, threads, and other materials, must be sorted accordingly. Additionally, cardboard sleeves, which are also generated during the cutting process, could be sent for recycling. The separation of fabric waste and sleeves, which account for 8-10% of the material, is a key step in enhancing the company's waste management and sustainability efforts.

## 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, **Betex Textile LLC** 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](http://www.eu4environment.org)

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