



Funded by the European Union



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.

"GIZIL ELLER" LLC - OCCUPATIONAL EDUCATION



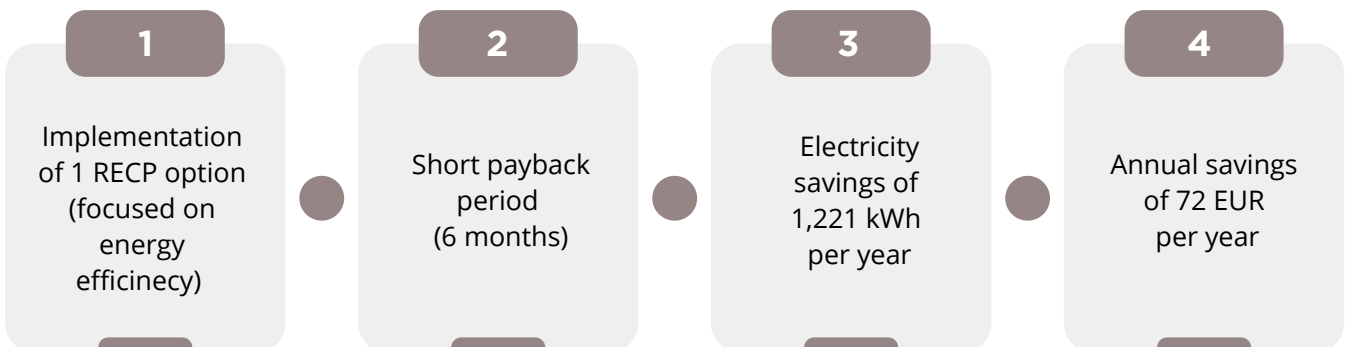
Company Overview

Location: Ganja
No. of employees: 19
Main markets: Azerbaijan
Founding year: 1997
Key services: vocational courses



"Gizil Eller" LLC operates in the educational sector. Specifically, the company is involved in improving the current vocational education and training (VET) system in Ganja by implementing strategies and concepts across five key areas: vocational education, economics, service, production, and information and communications technology (ICT) skills. Motivated to address production costs and waste, the company participated in the RECP Clubs project under EU4Environment (2019-2024). This publication details the company's experience reported after the assessment exercise conducted in 2024.

BENEFITS



Action implemented by:



The project approach

The RECP assessment examined the production site and suggested the following RECP measure which was prioritized and implemented by the company staff:

RECP Option 1: Replacing the existing light system with LED lamps: The RECP experts recommended replacing all conventional light bulbs with LED ones, as these have a lifespan of approximately four years. This change is projected to save **277 euros over** the same period. Additionally, LED bulbs offer durability, cost-effectiveness, and safety, are free from harmful substances, more environmentally preferable, and require no special disposal procedures.

SAVING ACHIEVEMENTS

RECP measure

OPTION 1

Replacing the existing light system with LED lamps

Economic key figures

RECP OPTIONS	INVESTMENT (EUR)	SAVINGS (EUR/YR)	PAYBACK PERIOD (YR)
Option 1:	42	72	0,6

Resource savings

RECP OPTIONS	ELECTRICITY (KWH/YEAR)
Option 1:	221

The introduction of RECP has been part of the EU-funded EU4Environment Action and executed by UNIDO. In this context, **"Gizil Eller" LLC** joined the RECP Clubs training and assistance 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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United Nations Industrial Development Organization
Ms. Tatiana Chernyavskaya
EU4Environment Project Manager
Tel: +43 1 26 0 26 5520
E-mail: t.chernyavskaya@unido.org



ACE Group Consultants, LLC
37, Khojaly Avenue, AZ1025, Damirchi Tower
Baku, Azerbaijan
Tel: (+994 12) 488 68 32
E-mail: office@aceconsultants.az