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Resource efficiency: green solutions for sustainable
business in Armenia
NATIONAL CONFERENCE

8 May 2024

M. Sisakyan Ltd
Sewing factory

Lilit Apujanyan

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Company Overview

Established in 2017

Location: Lori region, city
Spitak

Main products: uniforms,
military forms, outdoor

Main markets: Germany,
France Netherlands

Annual turnover: 58.000 EUR
(Only a swing service fee)

Number of employees: 41

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1. Planning and Initial Assessment

- *Site visits and quick scan of the company*
- *Meeting with the management team explanation of the objectives*
- *Organization of the RECP company team*
- *Review the process flow and preparation of the flow chart*
- *Data collection and analysis*
- *Identification of the RECP possible options*

• 4 Coaching & Monitoring

2. Detailed Assessment

- *Conduct material and energy detailed analysis*
- *Generation of the RECP options*

3. Feasibility Analysis

- *Conduct social and economic analysis*
- *Select options, agreed with the company management for further implementation*
- *Development of the Action Plan*

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Production facilities

- Swing zone



- Cutting zone



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Use of resources

- **Materials** – fabrics, soft fiber, cardboards, plastic bags, etc.
- **Electricity** – lightening, swing machines, cutting machines, irons, etc.
- **Natural Gas** - only for heating purposes
- **Water** - only for peoples personal use

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Identification of the RECP options

RRECP option 1 - for energy conservation

RECP option 2 - for waste minimization

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- Fabric scraps

Waste minimization



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Saving achievements

MAIN IMPLEMENTED ACTIONS

Option 1: Installation of PV solar station

Option 2: Reduction of material waste

ECONOMIC KEY FIGURES

Option 1: Investment (15000 EUR) Saving (2400 EUR) PBP (6)

Option 2: Investment (0 EUR) Saving (600) PBP (0)

RESOURCE SAVINGS

Option 1: Electricity 30.000 (kWh/year)

Option 2: Materials - 3 t/year

TOTAL POLLUTION REDUCTION

Option 1: CO₂- 12 tonnes t/year



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Additional Results





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Thank you

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