

# Energy Efficiency: Armenia

## New knitting equipment (p. 1)

### Textile producer replaces equipment and saves energy

Lentex LLC produces more than 100 different types of tights and socks in Armenia.

Suffering from the high energy costs caused by old, very inefficient equipment, Lentex decided to replace its 62 old knitting machines. The company installed 48 new, efficient units supplied by Lonati S.p.A. (Italy) in July 2015.

Now, thanks to the replacement of equipment, the company saves around 1,385 MWh of electricity per year. With project costs of 669,000 USD, the company now saves 111,000 USD annually.



**Benefits: With a new and efficient production line, the company saves 72% of its energy consumption per year.**  
**Lentex produces tights in all patterns and colors for less costs.**

# Energy Efficiency: Armenia

## New knitting equipment (p. 2)

### Textile producer replaces equipment and saves energy

#### Main Investment

Installation of new knitting equipment

#### Size of Investment

669,000 USD

#### Date of Implementation

07/2015

#### Operational Results

- More efficient knitting process
- 111,000 USD annual savings from reduced electricity consumption

#### Investment Profitability

- Payback period of 6 years
- IRR 10.4%



**1,385 MWh or 72% of energy saved p.a.**



**European Bank**  
for Reconstruction and Development



This project is funded by  
the European Union



**FEDERAL MINISTRY OF FINANCE  
OF THE REPUBLIC OF AUSTRIA**