

# Energy Efficiency: Armenia

## New compressor (p. 1)

### Natural gas filling station saves energy with new compressors

A natural gas filling station, owned by "GAOM GROUP" CJSC in Yerevan, Armenia, was operating with outdated equipment. To save money and energy, the company decided to replace the compressor with new, efficient equipment.

The equipment purchase contract with the Italian Fornovo Gas Company was signed in November 2013. The new compressing equipment was installed in March 2014.

The total energy savings from the replacement of equipment are around 850 MWh/y. This is a reduction by 46% compared to the baseline scenario. With an investment of 215,000 USD, the company saves now 67,000 USD annually.



**GAOM Group nearly halved the energy consumption of its natural gas filling station by exchanging the compressor. This saves 67,000 USD annually.**



**European Bank**  
for Reconstruction and Development



This project is funded by  
the European Union



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

# Energy Efficiency: Armenia

## New compressor (p. 2)

### Natural gas filling station saves energy with new compressors

#### Main Investment

Installation of new compressors

#### Size of Investment

215,000 USD

#### Date of Implementation

04/2014

#### Operational Results

- More efficient compression of natural gas
- 87,000 USD or 46% savings from reduced gas consumption

#### Investment Profitability

- Payback period of 4 years
- IRR 28%



**850 MWh or 46% 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**