

A pharmaceutical production line saves energy and costs by replacing inefficient equipment



CLIENT

- A Mongolian company operating in the pharmaceutical sector. The company owns and manage pharmaceutical factory, pharmacies and wholesale medicine supplying centres, and is able to produce over 70 types of medicines.

PROJECT

- The company decided to replace an inefficient filling and sealing line for pharmaceutical products with a new, more efficient one. Overall, the new technologies are 54% more energy efficient compared to baseline scenario, particularly due to higher efficiency of the equipment, significant optimisation of production layout and improved control of operations.

FINANCIAL STRUCTURE

- Loan USD 226,333

TECHNICAL ASSISTANCE

- The MonSEFF team visited the company and, based on the gathered data, calculated the energy and cost savings related to the investment.

DONOR: EBRD Special Shareholder Fund



European Bank
for Reconstruction and Development



EXPECTED IMPACT

- Payback period: 8 years
- Internal rate of return (IRR): 11%
- Energy saving: 1,190 MWh/year
- Costs Saving: 37,300 USD/year
- Carbon emission reductions: 394 tonnes per year
- Other benefits: Reduced maintenance costs; lower failure and reduced unexpected interruptions; Increased product quality; simpler and more precise control of the operations