

New meat processing and storage plant with significantly higher energy efficiency performance



CLIENT

- A Mongolian company operating in production and sale of more than 40 types of sausages, hams and meat products.

PROJECT

- The company decided to invest in a new meat processing and storage plant which will be constructed and operated in Ulaanbaatar. The project presents, compared to country standards, significant advantages in terms of energy efficiency and renewable energy - in particular as result of high-efficient systems like cooling, freezing, heating, thermal insulation, lighting and PV panels.

FINANCIAL STRUCTURE

- Loan USD 573,910

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



EXPECTED IMPACT

- Payback period: 5.9 years
- Internal rate of return (IRR): 18%
- Primary energy saving: 3,436 MWh/year
- Costs Saving: 140,400 USD/year
- Carbon emission reductions: 1,125 tonnes per year
- Other benefits: Reduced maintenance costs, improved product quality, reduced food losses, increased business competitiveness