

## CASE STUDY 08: BUILDING BUSINESS CAPACITY IN MOLDOVA

Macon is a company that manufactures building materials, including red bricks, in Moldova.

It sought help from the TAM/BAS Programme to help reduce energy usage. The TAM team analysed the company's energy usage, proposed energy-saving measures and assisted in energy saving activities. These included utilising the waste heat from exhaust gas in the drying tunnel to reduce costs, and controlling the airflow of the ventilator in the tunnel kiln.

In addition, the TAM consultant suggested ways of reducing moisture levels in the raw material, thus reducing the heat necessary to dry it. The company's old boiler systems, which were used to supply heat and hot water, were too large and inefficient. The company wanted to replace these with a cogeneration facility, but in light of recent increases in the cost of gas, TAM researchers concluded that this was not feasible. Instead, the company opted for a small-scale heat supply system, which reduced gas usage by 40 per cent. The TAM consultant also gave advice on the supply of new transformers to improve electricity transmission which the company is considering introducing.

