



SUCCESS STORY

MOBEDCO Finds Conservation Measures Increase Profitability

Pollution prevention measures reduce water use, odors, and emissions .



Improved maintenance on this boiler saved energy.

Dr. Mohammad Owais, General Manager of MOBEDCO commented, “Working with the USAID program has helped us to reduce our environmental impact and costs, and become more competitive in the market.”

The Arab Pesticides and Veterinary Drugs Mfg Co. (MOBEDCO) produces agricultural pesticides and veterinary medicines in its facility at the Al Hassan Industrial Estate in Irbid, Jordan. MOBEDCO has achieved great results by implementing pollution prevention measures suggested by a USAID project – and by developing some of its own.

The company has saved more than 12,600 JOD in the first year alone from:

- Retrofitting lights to LED
- Installing a power factor correction unit (PFCU)
- Optimizing the compressed air and chilled water networks on site

Water consumption was also reduced by:

- Installing sub-meters at some units to calculate the water balance
- Installing water-saving faucets
- Re-using reject water from the deionized (DI) water system

MOBEDCO also made significant reductions in materials consumption by:

- Upgrading its storage system
- Providing awareness training for its workers

These changes not only saved the company money, but also reduced odors, air pollutant emissions, and the risk of spills, fires, and contamination.

MOBEDCO is one of 30 industrial partners working with USAID to reduce industrial pollution and conserve scarce water and energy resources – in ways that benefit the bottom line. The Water Reuse and Environmental Conservation Project examined water and energy use, material and waste flow, production processes, quality control, and other aspects of each facility’s operations. The assessments suggested options for minimizing pollution and saving water, energy, and money. Costs and payback periods for various options were also analyzed.