

Food Sector



After



Before

Project	Replacing manual packing by an environmentally-friendly automatic packing machine
Client	Obour Land, Obour City
Description	The study stressed the necessity of shifting to an automatic packaging system using modern environmentally-friendly technologies (Tetrapak machine). It also showed that if the company continued to use the present packing system (particularly manual packaging) for packaging cheese (small volumes ranging between 250 and 500 grams) environmental problems would arise due to increased waste in the final product, continued high energy and water consumption and long working hours. Additionally, the manual system did not guarantee that the final product would meet safety and quality requirements, and this would have a bearing on the market demand for the goods and lead to a loss of profit. It was found that the introduction of automatic packaging would cost around EGP 3 million, of which ECO would contribute EGP 1,7 million, the balance to be paid by the company.