

## ENERGY OPTIMISATION SERVICES

**This commences with monitoring energy use and benchmarking against industry best practice in order to identify areas where significant energy savings are possible.**

**An Energy Performance Contract would be entered into which would give you immediate operating cost savings with no initial capital expenditure, as we would fully fund the initial project work.**

**Have a look at these case studies with Sealord Fisheries and International Fine Foods.**

### SEALORD

At Sealord Fisheries' wet fish plant in Nelson, a site audit identified that significant savings could be made in the utility area. The audit also included real-time remote monitoring.

Energy for Industry was responsible for the installation of a heat recovery system on a refrigeration compressor to generate hot water and reduce the use of an existing light fuel oil (LFO) fired steam boiler.

Most of the hot water requirements are now met by the heat recovery system resulting in considerable savings in LFO and other boiler consumable costs.

### INTERNATIONAL FINE FOODS

As the result of an energy efficiency programme an Energy Performance Contract was established with International Fine Foods at their milk processing factory in Palmerston North.

New plant was designed to recover latent heat from refrigerant plant to heat water for CIP process plant cleaning; displacing gas fired steam heating. Savings are also made by diverting water used to cool yoghurt from trade waste into the heat recovery system, recovering some heat and reducing water consumption.