



# Ecotuning®

TUNES UP YOUR ENERGY EFFICIENCY

Fortum  
eNext

Fortum have designed several easy-to-manage and energy-efficient service solutions. Fortum Ecotuning® finds the weak links in your power plant's operational economy by identifying production, operation and maintenance flaws. Typical savings are between 1-4% of the annual fuel budget, which can yield even half a million euros in annual savings.

## WHY TO CHOOSE ECOTUNING®?

Fortum Ecotuning® helps our customers globally to increase their power plant profitability. This is as a result of experienced personnel combined with the use of a unique software.

## WHAT ARE THE OTHER BENEFITS FOR YOU?

- Additional power plant capacity and/or reduced auxiliary power consumption brings additional earnings each year.
- A list of new improvement proposals with short payback time includes in the action plan.
- Careful review of your current improvement plans and support to your decision making by accurate calculations.
- Beneficial Ecotuning® project training programme for the staff
- Emission reduction at power plant

## CONTINUOUS SUPPORT AFTER ECOTUNING® PROJECT

We offer continuous support to our customers as

- Support to carry out process modifications
- Remote support

We have appropriate digital tools as Solvo® and TOPi® for implementation of Ecotuning® project.

Solvo is power plant process-simulation software and TOPi® is process information and optimisation system.

## THE PILLARS OF ECOTUNING® PROJECT

### ENERGY EFFICIENCY TRAINING

Training the plant personnel in energy efficiency best practices. Training sessions in the beginning and at the end of the project.

TOOLS:  
GENERIC  
SOLVO®  
OPTIMUM

### SITE AUDIT AND INTERVIEWS

Gathering information on the power plant's current performance and benchmarking it against world-class power plants.

TOOLS:  
DETAILED  
SITE SPECIFIC  
QUESTIONNAIRE

### POWER PLANT MODELLING

Building and fine-tuning a power plant model with versatile in-house developed power plant simulator – Solvo®.

TOOLS:  
SOLVO®  
OFFLINE

### ENERGY ANALYSIS

Analyzing power plant and the performance of its main components. Finding out the most promising potential improvement projects aimed at efficiency and capacity increase.

TOOLS:  
SAVINGS TABLE  
INCLUDING  
PAYBACK TIME  
FOR EACH ITEM

## CONTINUOUS SUPPORT AFTER ECOTUNING® PROJECT