



## Case: **Metso Power**



### **PES for Metso Power, increased production efficiency**

Metso Power wanted to raise efficiency and throughput at its Tampere workshop, and find a system to be used in developing and improving production and logistics as well as production planning of boiler projects.

The needed system had high requirements. It needs to be able to handle information from resource-driven production involving multiple work teams. In addition to operative use, the tool has to enable strategic analyses.

The PES delivered to Metso Power by SW-Development is an Advanced Manufacturing Execution System (MES). SW-Development's PES systems have modular structure and can be built piece by piece to cover larger entities of the customer's operations and data system. The PES tailored to Metso Power enables integrated information management, increased cost-effectiveness and throughput of the production. In-depth analysis of how projects will be executed can be made using highly developed production optimization and result reporting methods. All information is easily reachable and the system allows also tactic and strategic planning. This PES contains a Predetermined Motion Time System (PMTS), which includes work amounts for detailed low level tasks in the boiler projects.

PES enables comprehensive resource planning where cost-effectiveness is ensured. It gives Metso Power in-depth knowledge of their whole production and helps in making accurate plans for diverse projects.

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#### **Metso Power**

Metso Power is a forerunner in fluidized bed combustion for the pulp and paper industry and power producers and a global leader in chemical recovery systems to pulp and paper mills. Metso Power has designed and manufactured the world's largest recovery units and biomass-fired fluidized bed boilers. It has nearly 1000 boiler and evaporator units installed worldwide. Main products are power and recovery boilers, evaporators, environmental systems, and service.