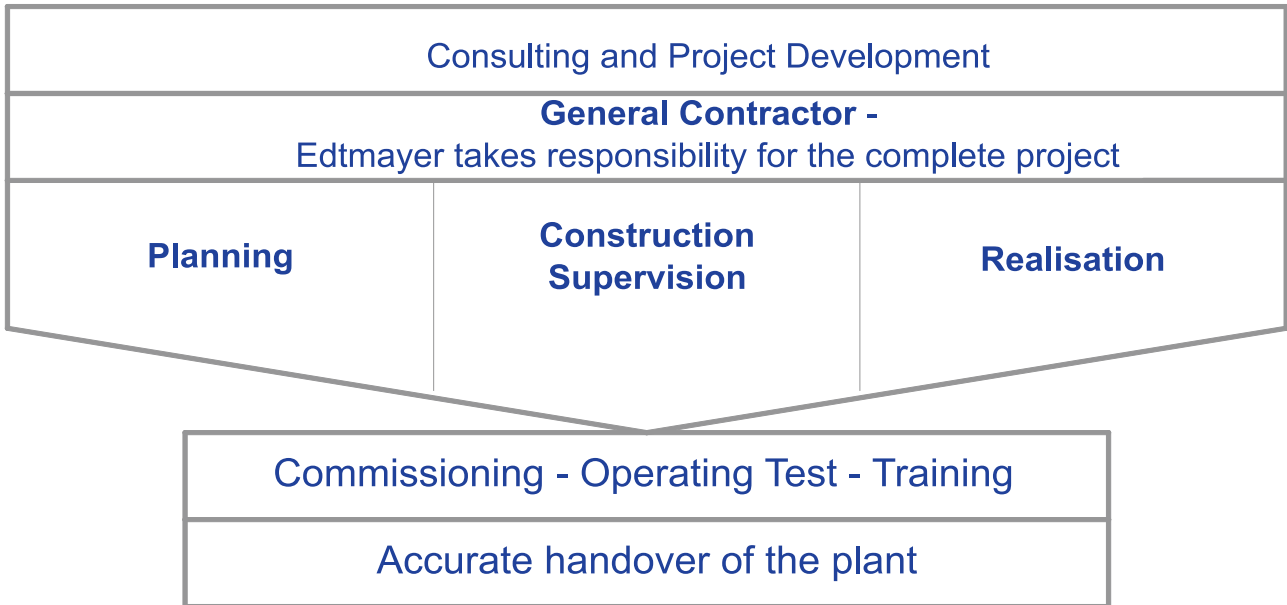


Power Generation



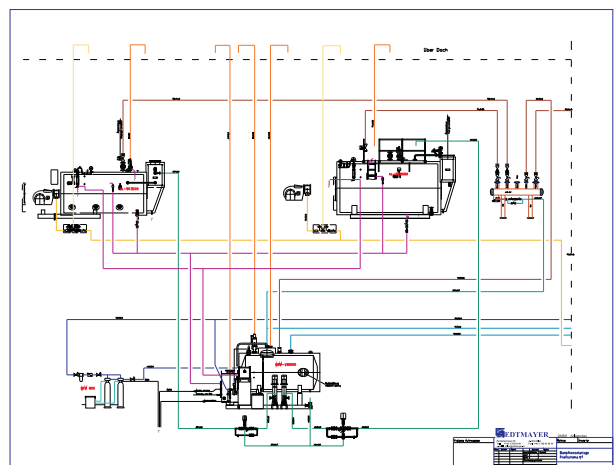
Steam and Hot Water Boilers
Condensate System and Monitoring
Feed Water Treatment and Periphery

Steam and Hot Water Boilers



Range of services:

- ⇒ Operating data logging and determination of requirements
- ⇒ Energetic optimisation of overall system
- ⇒ Rough planning and detailed engineering
- ⇒ Submission of documents, MOT
- ⇒ Complete removal of existing boilers
- ⇒ Insertion and positioning of new boilers
- ⇒ Mechanical installation
- ⇒ Electrical installation
- ⇒ Commissioning
- ⇒ Training of staff



Due to our close cooperation with well-known boiler manufacturers we are able to offer our customers a **completely customised and optimised concept**.

Acting as general contractor we manage large as well as small projects. Our services cover process data collection, design for submission of documents and design optimisation, handover with pilot operation and commissioning. Practical customer inclusion in projects is welcome.

Furthermore, having many years of experience in the energy sector, we are in the position to offer an exact calculation of your steam requirements. For this a complete operating data collection is needed which is recorded with data loggers.

We have gained expertise in many fields of steam and hot water boilers, some key examples; production of hot water boiler systems, co-generation units, steam boilers with optimised condensate systems and efficient feed water treatment and power plant technology with process data collection incorporating condition monitoring.

We build plants for the production of:

- ⇒ Saturated steam
- ⇒ Superheated steam
- ⇒ Steam for heating processes
- ⇒ Pure steam
- ⇒ Sterile steam
- ⇒ Workingsteam for electricity generation
- ⇒ as well as container plants.

In addition to the installation and piping of new boilers we also examine the corresponding subsystems.

We also offer energy-efficiency retrofits, e.g. additional mounting of economisers and condensation economisers into existing systems, are also part of our service.



Examples:

Steam distributor



Oil feed line



Pressure reducing station



Apart from standard combustibles like natural gas and heating oil, alternative fuels like biogas and biodiesel can also be used. Moreover, we optimise new and existing burner systems to improve their efficiency resulting in a reduction of fuel consumption and CO2 emissions.

Water treatment



The quality of supplied feed water is critical for the efficiency and durability of the steam boiler.

Depending on the performance profile and Edtmayers plant concept the treatment for feed water will be optimised which leads to a significant reduction of your chemical and water usage.

We also offer a complete service including construction and integration of the treatment plant into a complete plant system.

