

Future-proof plant planning & erection



## **PROCESS ENGINEERING**

# Process engineering/mechanical calculations and simulations

Our specialists perform strength calculations and conduct functional simulations of process engineering unit operations or plant concepts.

Pressure resistance modeling of a heat exchanger, testing the hydraulic load on a column, pressure losses in pipe systems, energy balance calculations across plants and sites: these are only some examples of the range of mechanical and process engineering calculations that we conduct under the scope of planning or optimization tasks.

Our services:

- Baseline data documentation and substance data research
- Model the analyzed area
- Validate the model
- Scenario development and sensitivity studies

## Your experts

Get in touch with us - we will be happy to advise you.

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