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Key competences:

- Flow measurements
- Pinch-analysis
- System modeling



Titel

**Visualized pinch analysis to answer the challenges of process optimization**

Abstract

No analytical model is better than the data it is based on. Any model used for optimization must therefore start with the collection of reliable data.

Regarding energy optimization, modelling of heat exchangers presents yet another challenge – how does the UA-value change in regard to changes in flow and temperature.

Successful outcome of the optimization process often depend on how these questions are answered. If the model cannot show the system behavior under different operational conditions, it is not considered reliable and the effort made will most likely be lost.

Knowing how to overcome these challenges and present it visually to the decision makers has been part of my job for years.