

The logo for ADAKOM, featuring the company name in a bold, sans-serif font. The text is white and is positioned within a light blue horizontal band that cuts across a dark blue background. To the right of the text, there are several sharp, geometric shapes in various shades of blue, creating a modern, abstract design.

ADAKOM

WHITE PAPER

**Mobile, noninvasive thermal energy measurements,
hydraulic balancing and heat exchanger optimization.**

Do you want ...

- ... independent expertise concerning your heat exchanger performance?**
- ... improved operation and deeper understanding of your heat exchanger system?**
- ... to optimize maintenance and cleaning cycles?**
- ... to find suitable heat exchangers for your changed requirements?**
- ... to calibrate your heat exchanger thermal solver for special process conditions?**
- ... to know clean and first installation setup of installed heat exchanger?**

State of the art



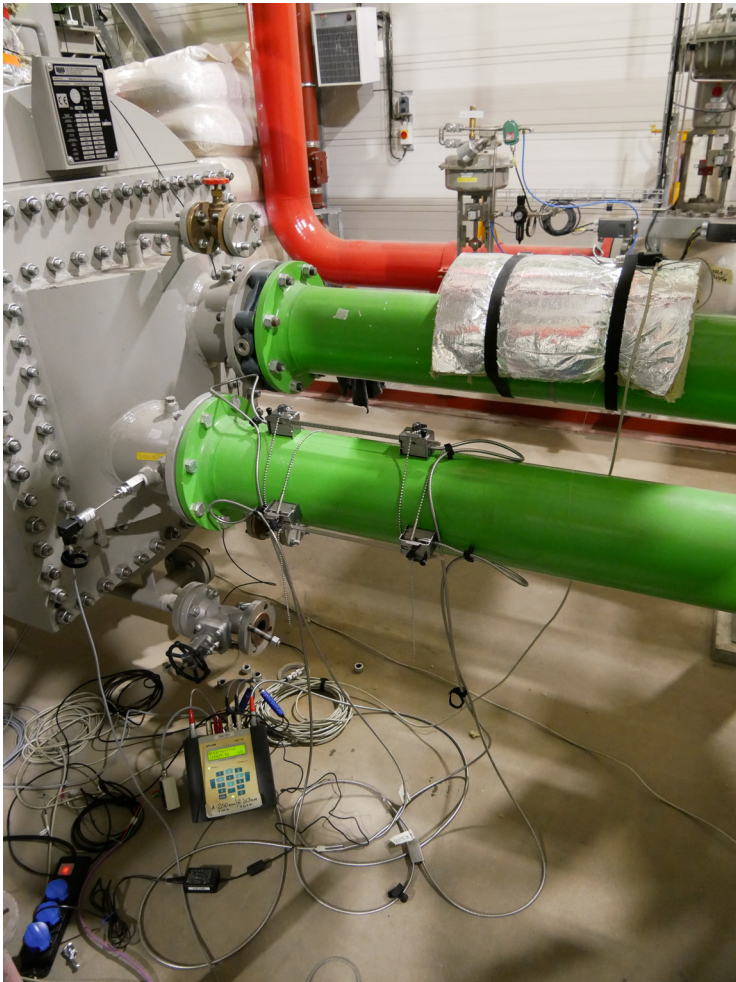
Heat exchangers are often designed in respect to only a few steady-state operating points and theoretically justified operating parameters. The actual operating conditions often deviate significantly from these assumptions. In the heat exchanger design, dynamic process control, media, material and surfaces changes as well as long term behavior are not taken into account.



In practice, lack of instrumentation and knowledge on the aspects of energy-efficient operation, utilization and integration of available energy sources, as well as necessary maintenance expenses, also lead to the fact that heat exchangers are inadequately adapted to the application.

Adakom – Measurement Service

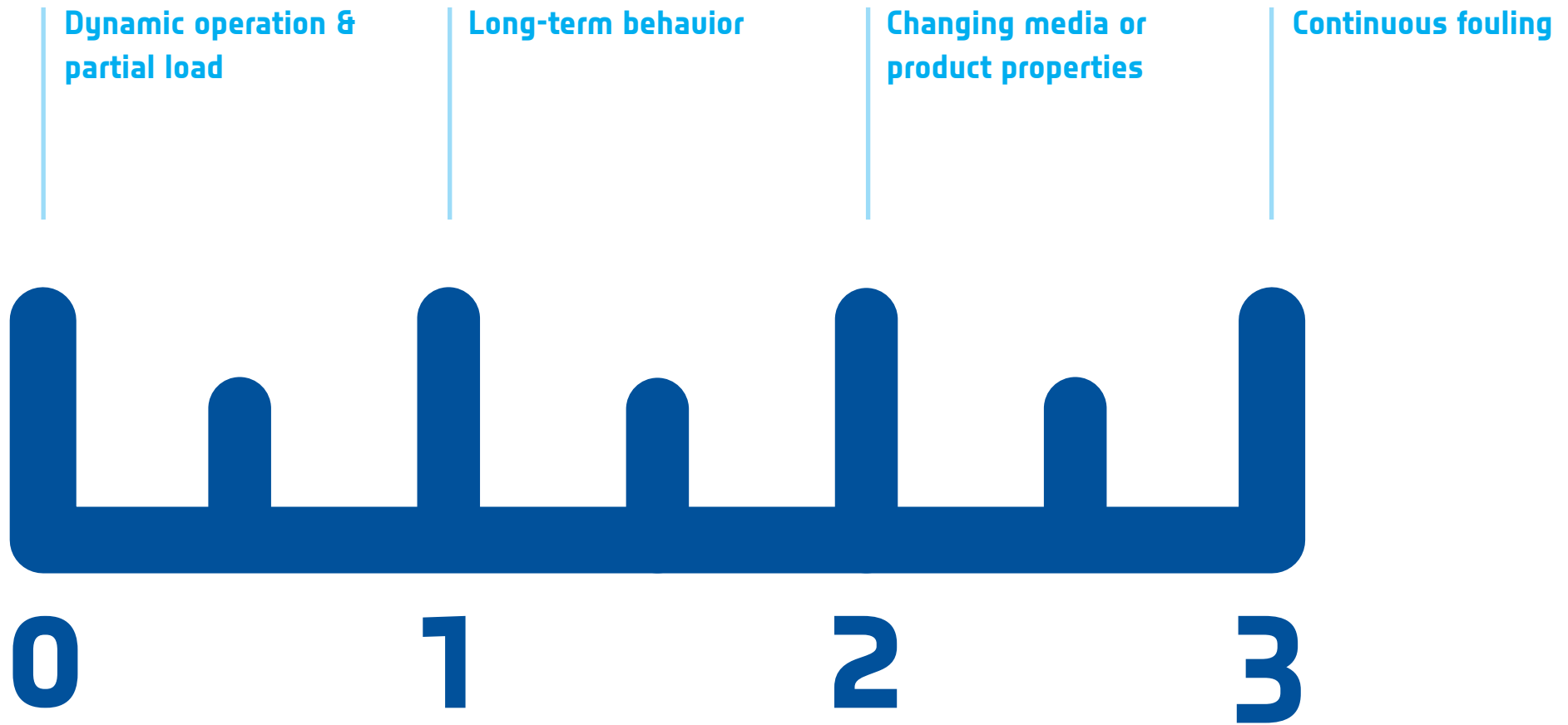
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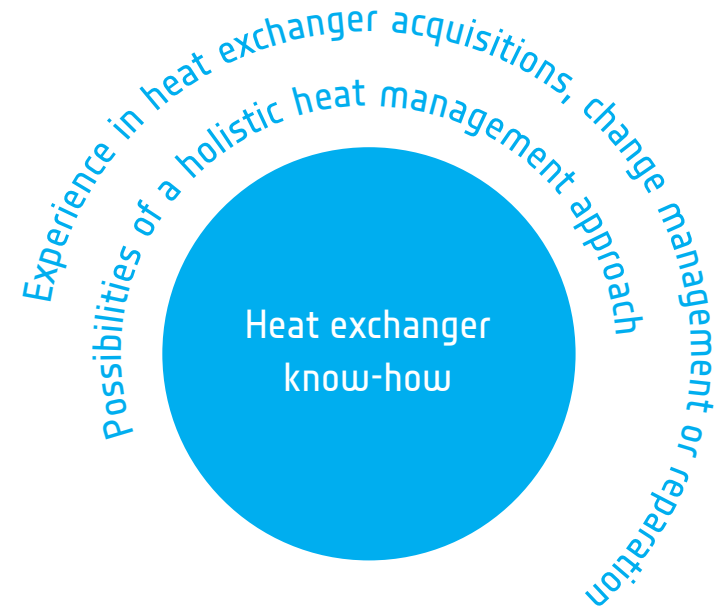
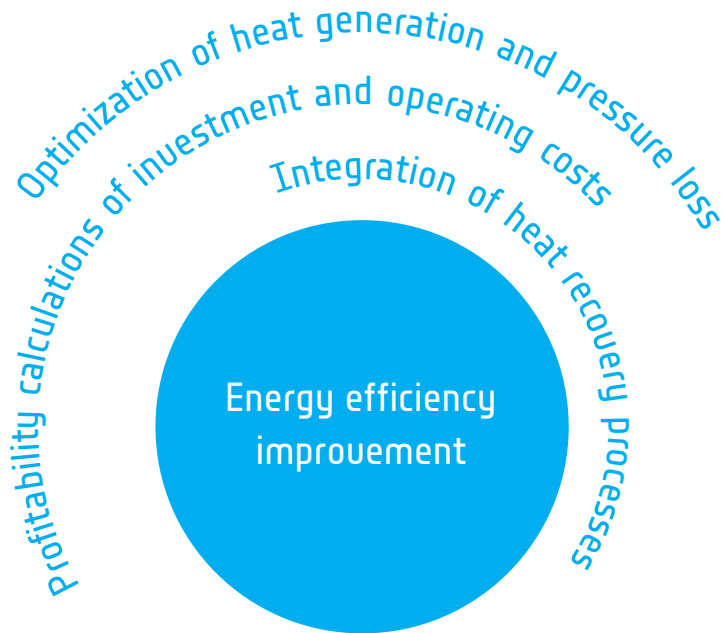
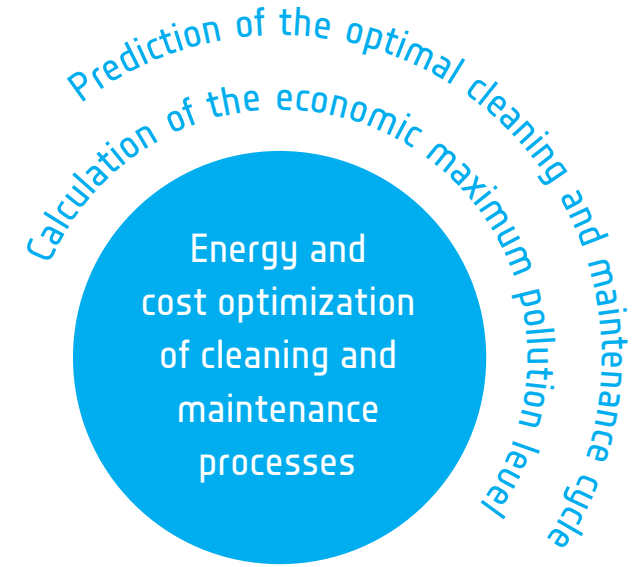
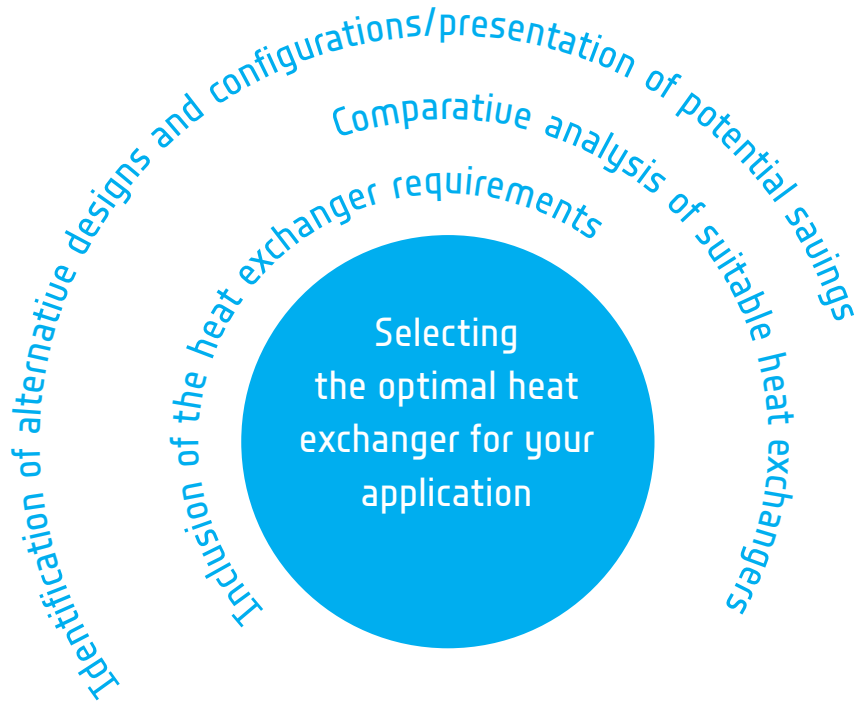


Adakom GmbH has developed a mobile measurement method for recording the real operating data of heat exchangers and heat exchanger systems. The method provides reliable and comprehensive information on the heat exchangers. We offer plant operators to analyze the heat exchanger behavior under operating conditions. This allows us to draw conclusions for possible optimization of the system and develop adjustment strategies.

Our modular measuring system enables us to measure non invasive and without production stop. In combination with our heat exchanger simulation and design expertise, this measured operating data enables performance evaluation of your heat exchangers and heat exchanger systems as well as a subsequent optimization.

On-the-edge technology enables us to assess





**Experience use cases
on our website:**

<https://adacom.de>

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Ready to talk to us?

Call

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