

► Our technology. Your success.

Pumps • Valves • Service



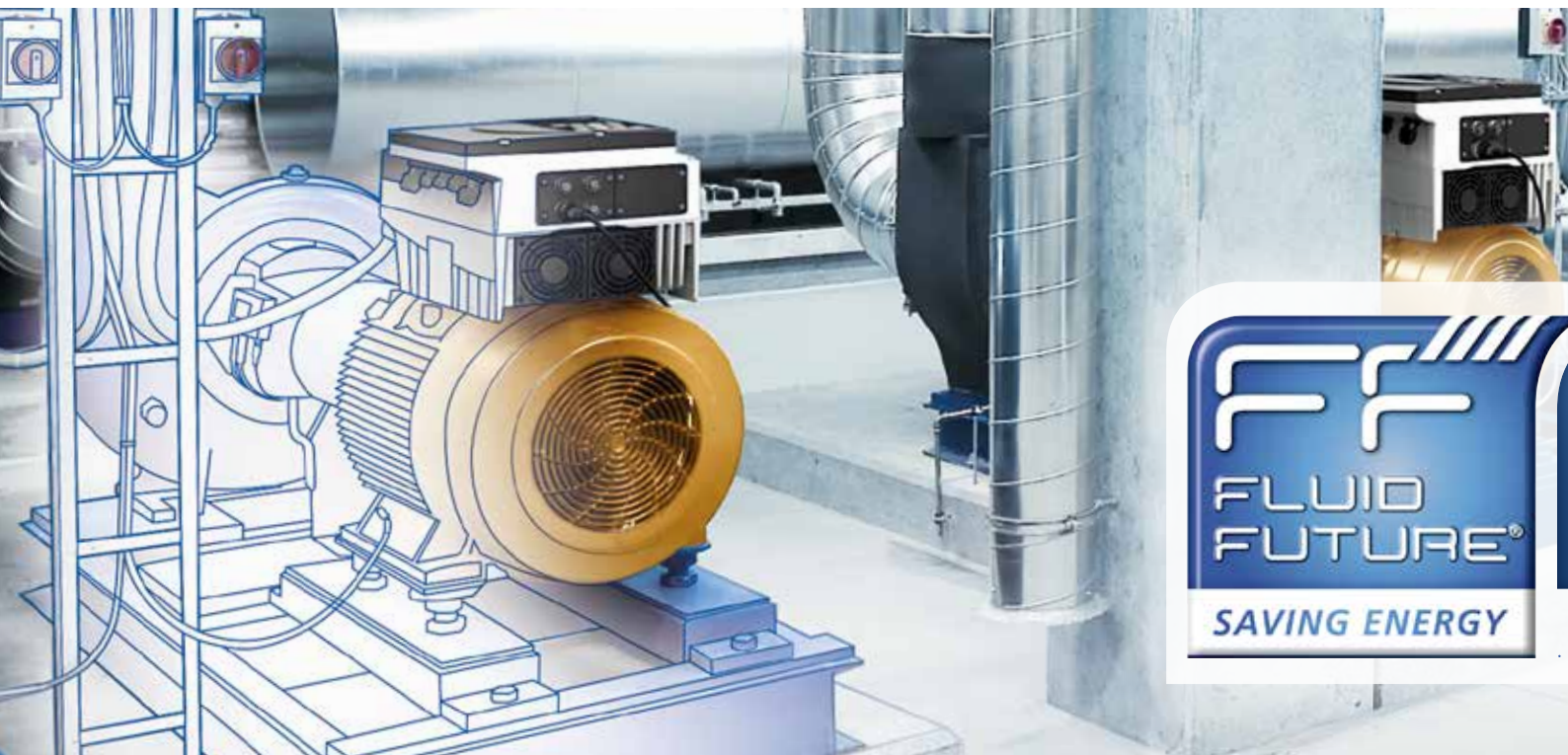
## FluidFuture®: the energy-saving concept for your system



# Optimise the **energy efficiency** of your hydraulic system

With FluidFuture® we optimise your system's energy efficiency in four steps. We always look at the entire life cycle and perfectly match the individual components of the hydraulic system to each other. By combining our expert knowledge with smart products and services, we make use of all the potential savings, lowering your operating costs significantly. This is our joint contribution towards an energy-efficient future.

All details are available for you at: [www.ksb.com/fluidfuture](http://www.ksb.com/fluidfuture)



## System analysis

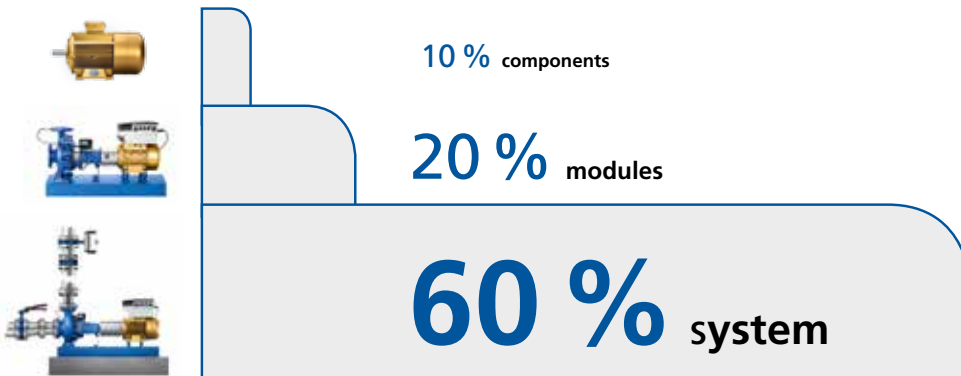
Precise system analysis forms the basis for optimisation. Initially, KSB Sonolyzer® quickly and easily identifies pumps with optimisation potential. Where saving potentials have been detected, we record the load profile using our Pump Operation Check or, for more complex systems, our System Efficiency Service. Our detailed analysis report provides complete transparency of the as-is condition as well as recommendations for optimisation.

Read more: [www.ksb.com/fluidfuture/analysis](http://www.ksb.com/fluidfuture/analysis)

## Selection

Based on the analysis outcome we select the optimum system for your application. We perfectly match the hydraulic system, drive, automation product and piping dimensions to the system. Our systematic approach enables savings of up to 60 %. Expert knowledge and selection tools are guaranteed to lead to an optimum selection.

Read more: [www.ksb.com/fluidfuture/selection](http://www.ksb.com/fluidfuture/selection)



Highest saving potentials lie in the overall system. For confirmation, see our reference projects at: [www.ksb.com/fluidfuture/references](http://www.ksb.com/fluidfuture/references)



### System analysis

- Creating transparency
- Determining the load profile

### Selection

- Defining the system structure
- Selecting components

### Commissioning

- Expert installation
- Professional commissioning

### Highly efficient operation

- Intelligent pump technology
- Continuous monitoring

## ENERGY-EFFICIENT PRODUCTS AND SERVICES

### Commissioning

Our professional commissioning services set the course for energy-efficient and trouble-free operation. We are your service partner for all requirements with 3,000 service specialists worldwide supporting you with the reliable, cost-optimised installation and commissioning of your system. Further assistance is available through numerous functions integrated in our products and our own software tools. Read more: [www.ksb.com/fluidfuture/commissioning](http://www.ksb.com/fluidfuture/commissioning)

### Highly efficient operation

Maximum energy savings are made during operation with KSB's highly efficient products: from hydraulic systems and valves through to the world's most efficient magnet-less pump motor, KSB SuPremE®. This is added to by autonomous demand-driven operation through automation products such as the PumpDrive variable speed system. And with continuous monitoring, increased efficiency is ensured in the long term with PumpDrive and the PumpMeter monitoring unit offering complete transparency. Read more: [www.ksb.com/fluidfuture/operation](http://www.ksb.com/fluidfuture/operation)



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