

# SULZER

Advanced process solutions

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## Sulzer's application diagnostics **improves** **process performance**



# Expert at your doorstep

## Our partnership programs offer you

- Customized solutions for your process improvements
- New solutions for your future applications
- Energy-efficient products with low life cycle costs and a lighter environmental footprint
- Regular mill surveys and energy audits that can maximize the performance and reliability of your existing and planned processes
- Large mill/corporate wide agreements to reduce customers' total cost of ownership (TCO)

## Key field of expert diagnostics

- Medium consistency applications
- Demanding agitation applications
- Tower management: identifying and solving problems of channeling and discharge
- Improved efficiency and performance in pumping and mixing applications

## Measurable benefits

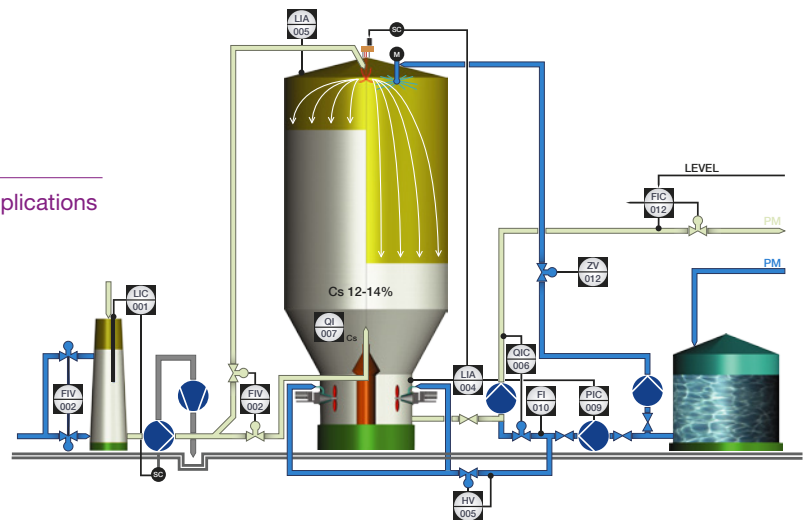
- Added value in process performance
- Reduced chemical consumption and operation costs
- More flexible process, such as grade changes
- Simplified applications
- Reduced need of maintenance and process downtime

Improve your competitive advantage.

Enter new markets.

Accelerate the return on investment for your greenfield projects and upgrades.

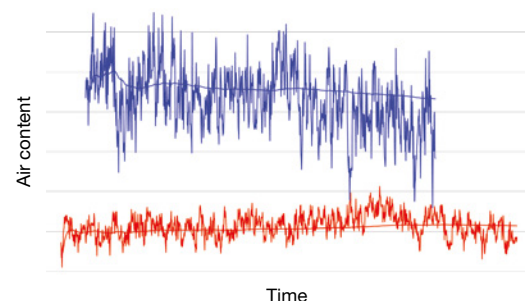
Tower management system and pumping applications in pulp and paper mills



Customer case:

## TES solves entrained air problem

The air content of pulp in the customer's storage tower was fluctuating badly and averaging 6% (blue curve in the figure). After installing the SALOMIX TES top entry spreader, the air content decreased to 2% and the variation was markedly reduced, as shown by the red curve.



# Innovations at your service

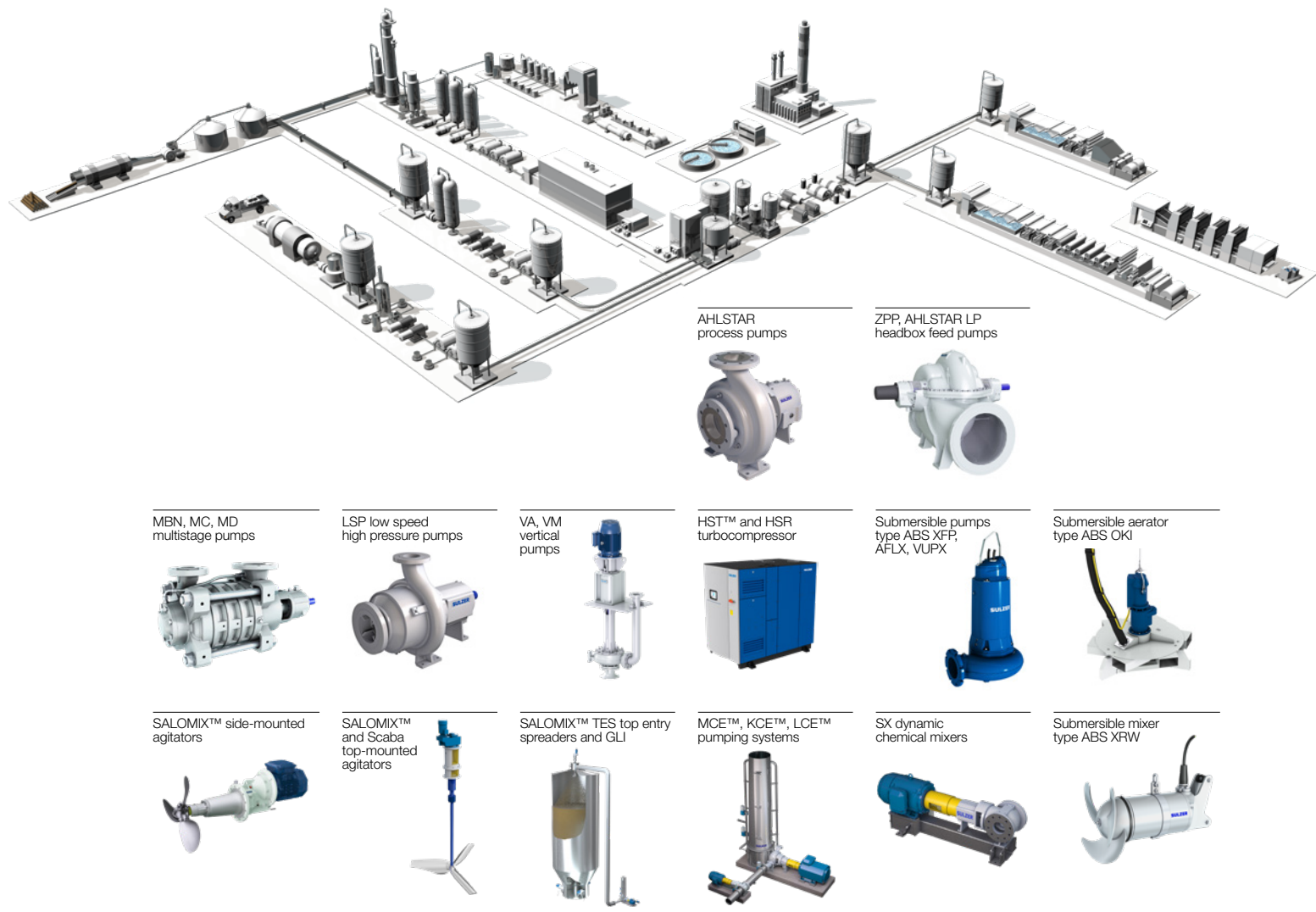
Sulzer continuously introduces new product innovations based on the very latest pumping, agitation, mixing and aeration knowledge. But we don't stop there; we also develop future innovations together with our industrial partners.

With full-scale test facilities and an expanded product portfolio, Sulzer gives you access to:

- Increased hydraulic excellence
- Unique applications coverage
- Experience in managing a diversity of process liquids and application environments
- The widest selection of pumps, agitators, mixers, aerators and compressors available

Our core competencies evolve from long-term partnership programs with key customers and research institutes. Our customer-focused research and development enables your industrial processes to be as energy-efficient, safe, and environmentally sustainable as possible.

Explore our diverse application solutions, featuring the latest product innovations, all in one place



**The Sulzer Flow division keeps your processes flowing. Wherever fluids are treated, pumped, or mixed, we deliver highly innovative and reliable solutions for the most demanding applications.**

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The Flow division specializes in pumping solutions specifically engineered for the processes of our customers. We provide pumps, agitators, compressors, grinders, screens and filters developed through intensive research and development in fluid dynamics and advanced materials. We are a market leader in pumping solutions for water, oil and gas, power, chemicals and most industrial segments.

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