



established 2001 from Aachen University of Technology by Dr. Martin Weng, Markus Hufschmidt

located in Aachen / Germany
international partner network

+20
YEARS
EXPERIENCE

+500
CUSTOMERS

+1000
COMPUTATIONAL
ENGINEERINGS



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Learn more



Plant Process Audits

Cement

The Foundation for Your Digital Plant

The Plant Process Audit

...delivers a professional outside view to help you truly understand your plant, identify hidden bottlenecks and potentials, and serves as your essential digital readiness check

Our Audit Value Proposition

While every audit is precisely tailored to your specific objectives, our full scope of services provides a complete, 360-degree analysis of your plant's performance and potential.

Our Services

Performance & Efficiency Audit

The foundational audit for process performance optimisation

Services Includes:

- ✓ Equipment, Fuel & Raw Material Evaluation
- ✓ On-Site Process Data Measurement
- ✓ DCS Historian Data Analysis
- ✓ KPI Evaluation
- ✓ Operational Practice & Staff Interviews

Service Deliverables

- ✓ Validated Mass & Heat Balance Model
- ✓ Actionable Recommendations Report
- ✓ Certified Database for Digital Engineering

Digital Readiness Audit

The complete audit for digital transformation

Services Includes:

- ✓ **All „Performance Audit“ services, plus:**
- ✓ Control Loop & Logic Analysis
- ✓ System Connectivity & Interface Analysis
- ✓ Automated Data Quality Assessment

Service Deliverables

- ✓ **All „Performance Audit“ deliverables, plus:**
- ✓ Digital Readiness Certificate
- ✓ Certified Database for AI & Real-Time Optimisation

Deep Data Audit

Unlock hidden potential in your existing process data

Services Includes:

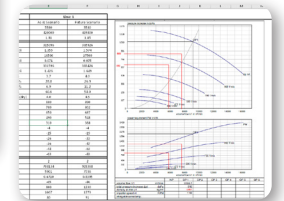
- ✓ Historian Data Evaluation & Structuring
- ✓ Automated Data Cleaning & Validation
- ✓ Advanced AI Data Analysis, using the aixProM Platform
- ✓ Process & Data Correlation Modelling

Service Deliverables

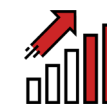
- ✓ Detailed Data Insights Report
- ✓ Data-Driven Actionable Recommendations
- ✓ Validated Dataset for AI Modelling

Your Partner in Process & Digital Optimisation

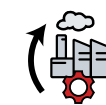
- ✓ **Deep Industry & Cross-Expertise:** We leverage 20+ years of international cement experience with proven process insights from other process engineering industries.
- ✓ **Digital Engineering at our Core:** We are computational engineers first. Our audits are built on 20+ years of advanced CFD simulation and process modelling expertise.
- ✓ **Proven Real-Time Optimisation Partner:** We develop and deploy RealTime Optimisers (KILN and MILL AIxperT). Our audits deliver the exact data essential for successful digital transformation.



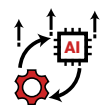
IDENTIFY
Bottlenecks & Optimisation Opportunities



START
Your Optimisation Journey



GAIN
First Actionable Recommendations



ENABLE
Digital Readiness