

Providing Solutions for Product Development & Manufacturing

We are a consultancy company centered around the energy transition, specialized in Hydrogen, Power-to-X and Energy Systems, combining decades of industrial experience with technological expertise and cutting-edge market knowledge.

From coordinating specific work packages to executing simulations and engineering solutions, we ensure structured and efficient product development aligned with industry benchmarks. We support you as a partner throughout the entire industrialization and ramp-up phase.

Our Service Scope



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Our References

Electrolyzer Product Development

Helped a European electrolyzer manufacturer optimize its portfolio by identifying pain points, conducting a product-market fit analysis, and developing a scalable design concept, strengthening market positioning and future growth.

Electrolyzer Product Alignment

Standardized product and production processes by creating generic documentation and a structured bill of materials, streamlining operations, reducing errors, and accelerating sales and manufacturing ramp-up.

Hydrogen Tank Ramp-Up

Enabled efficient ramp-up for a hydrogen tank producer by introducing shopfloor management, data-driven production planning, and restructuring operations, reducing process times and improving throughput.

Electrolyzer Production Analysis

Conducted production analysis and ramp-up planning for an electrolyzer OEM, including REFA-analysis and MTM-study, to optimize manufacturing times and develop a risk mitigation plan, enhancing scalability and industrialization.

Fuel Cell Supply Chain Setup

Optimized the supply chain for fuel cell BoP components in heavy-duty applications through cost breakdown analysis, supplier evaluation, and shortlisting, cutting costs and ensuring reliability.

Heat Exchanger Scale-Up

Scaled up heat exchanger production with value-stream mapping, shopfloor redesign, and capacity expansion, enabling a 300% increase in output and reduced lead times.

Our Contacts / Experts



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Note: Our services go beyond those presented here. Talk to us to discover how we can support you in other areas!