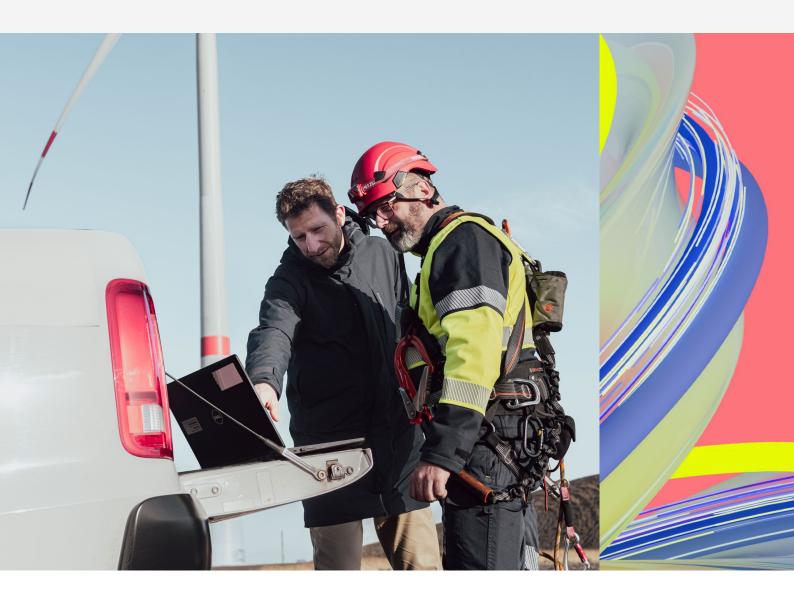


We are Iqony Solutions

We stand for maximum performance and availability of Energy Facilities

Iqony Solutions is one of the world's leading service providers for power assets. Ensuring energy for prosperity and growth is our passion.



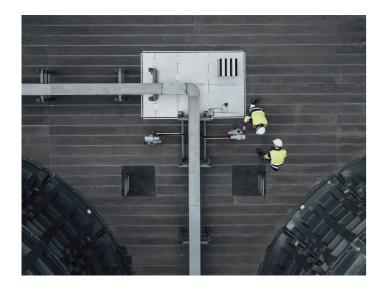
How do we know what is needed for reliable and environmentally-friendly plant operation providing sustained economic efficiency?

Because Iqony has planned, constructed and operated its own energy plants for more than 85 years now, we are among the best in the industry, thanks to the expertise we have gained over 40 years in providing third parties with energy services.

The triad of highly-qualified engineering, operational expertise and innovative software solutions makes us unique.

This triad makes us unique

Value Chain -Solutions & Services



German Engineering

We represent the German art of engineering and quality and have worked on more than 100,000 MW of power plant capacity in all technologies.

O&M Practices

Thanks to our expertise of more than 40 years of energy services for third parties, we are one of the world's leading service providers for power generation plants. We currently operate more than 5,700 MW in various technologies.

Digital Solutions

Consulting & Advisory

- Project management and control
- · Quality management, assurance and control
- Technical due diligence
- Lender's Engineer for financing agencies
- · Asset management consultancy

Operation &

Maintenance

Troubleshooting

and components

plant simulators

flexibilization

Plant optimization and

O&M Support / Management

• IT-based Operation & Maintenance

· Condition assessment of plants

• HR development and training

· Creation of individual power

Planning & Development

- · Basic engineering and detailed design
- Project development studies
- Permit planning
- Thermal calculation of boilers
- Fluid flow and reaction calculations (CFD)
- Modelling of cycle processes
- Procurement planning (tendering, bid comparison, negotiation of contracts)

Construction & Commissioning

- Plan and design review
- Project management
- Detailed and implementation planning
- Quality management, assurance and control
- Construction planning and management of supervision
- · Owner's engineer for general contractor agreements
- O&M Support / Management

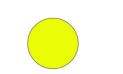
- · Enhancement of plant availability
- Analysis and optimization
- Optimization of O&M processes
- · Online monitoring systems
- Operation management systems
- Soot blowing management
- IT tools for wind farms
- Predictive analytics systems

Decommissioning & Dismantling

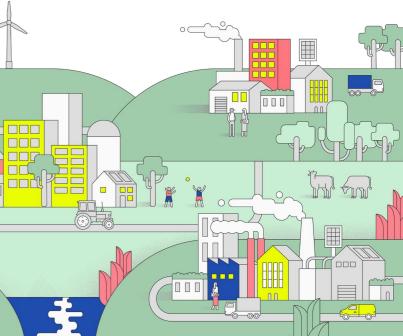
- · Planning and construction of facilities for storage of nuclear waste
- Decommissioning and dismantling of nuclear facilities
- Safety, radiation protection and calculations
- Delivery of special cranes and components for nuclear applications
- Planning and delivery of nuclear ventilation systems



Monitoring & Optimization









Our intelligent digital solutions help owners, operators and asset managers improve yields, manage process variability, predict maintenance needs and increase revenue. To date, more than 100 GW across all technologies have been equipped with them.

Key Facts

Parent company	Iqony Solutions is 100 percent owned by Iqony
Headquarter	Essen
International Presence	Brazil, Switzerland
Management	Ulrich Sigel Norbert Schröder
Employees	around 1,000
Project experience	in 80 countries
Engineering	> 100,000 MW in all technologies
Operation & Management	> 5,700 for others
Digital Solutions	> 100 GW of all technologies equipped with real-time Asset Intelligence

History

1970	Establishment of a new power plant and waste disposal business area
1983	Expansion into Turkey
1992	Expansion into the USA
2000	The former STEAG Energy Services GmbH begins to operate as a wholly owned subsidiary of STEAG
2001	Expansion to India
2002	Expansion to Brazil
2005	Expansion to South Africa
2009	Acquisition of OPUS Personaldienstleistungen GmbH - addition of a partner in the energy industry for flexible and competent personnel solutions
2012	Acquisition of Powitec GmbH – expansion of IT-based optimization solutions with sensor-based control systems
2018	Acquisition of Krantz GmbH – expansion of nuclear engineering with key technologies in the field of ventilation systems
2019	Acquisition of STEAG Solar Energy Solutions GmbH (formerly Gildemeister energy solutions GmbH), in short SENS – strengthening the service portfolio in the field of photovoltaics
2023	Change of name to Iqony Solutions GmbH - focus on individual challenges of the energy transition around the topics of decarbonization and digitalization

Selected Customers

























