

Transmission and Distribution

We offer consulting services for all transmission and distribution assets including substations and their interconnections by overhead lines or cables as well as the control and monitoring of the same. We provide a full range of engineering and advisory services throughout all project phases including studies, design, tendering and contracting, implementation and project management.

Our Fields of Activity are

- Transmission and distribution networks
- High-voltage transmission (HVAC / HVDC to 500 kV)
- Smart grids / digital substations
- Network control systems / SCADA
- Information and communication technology
- Substation protection, control and monitoring

Experiences and Projects

- [Implementation of 145 km HV line for TenneT in Germany](#)
- [Smart grid technologies in Mongolia](#)
- [Ethiopia-Kenya Power System Interconnection Project](#)
- [Mozambique - Malawi Transmission System](#)
- [Doha Submarine Cables](#)

Further Information

- [Bucher, Ralf \(2020\): Eliminating energy poverty in Africa by integrating top-down and bottom-up electrification concepts, i.e. cross-border backbone networks & solar-hybrids](#)
- [Read more publications](#)



AC substation and filter system, converter halls and DC substation (Sodo, Ethiopia)



Our experts are investigating how smart grid technologies could secure and stabilise power supplies in Mongolia on a long-term basis.



Moldova: Rehabilitation of Transmission Network

Contact



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