



Mining & Generation Technology - Made in Germany (**MinGenTec**)

An initiative by the Land Brandenburg
to innovate and internationalize
the mining, energy generation and rehabilitation industry
 in Berlin, Brandenburg and Saxony

Southern Brandenburg and Northern Saxony comprise the Lusatian mining region, one of the largest lignite coal open pit mining areas in the world. Today, about 60m tons of soft coal are being excavated in Lusatia every year. The region also features some of the largest, cleanest and most effective coal power plants on the planet, with capacities of between 1.500 and 3.000 MW each. Finally, in the last 25 years, the German government has poured more than € 9bn into rehabilitating more than 385km² of closed pits, heaps and barren land and recreating a balanced hydrological basin of over 13bn m³ of ground water.

The Lusatian mining region has set a global standard in the value chain of mining, generation and rehabilitation. **MinGenTec** aims to support further innovation in all these sectors and to make the technology and know how available to many other mining regions in the world.

Next to globally active corporations such as *ABB* (turbines), *Actemium* (electrical engineering), *LEAG* (pit mining and generation), *FAM* (belt conveyor systems) or *Takraf Tenova* (bucket wheel excavators), there are more than 150 small and mid-sized companies in the region working on all aspects of the value chain. In addition, the LMBV, a state-owned agency charged with planning and supervising the restoration and reclaiming of decommissioned lignite mining facilities, has amassed unrivalled experience and know-how in the important task of rehabilitation and restructuring of entire regions.

MinGenTec has started as a bottom-up initiative in early 2017 with the support of several dozen companies in order to promote these competencies worldwide and to facilitate further innovation and diversification of the Lusatian mining & generation industry. Among its first measures are

- commissioning a systematic analysis of the industry's competencies, its aims and growth opportunities, including internationalization
- publishing a regular news ticker
- organizing network meetings
- inviting delegations from abroad
- planning joint trade fair booths (e.g. at the *bauma* Munich 2019) and company missions
- supporting technology transfer and education

For the time being, MinGenTec's secretariat is run jointly by:

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