



ALL AROUND ENERGY

LEAG – We are energy!

LEAG 

LEAG - ALL AROUND ENERGY

Ownership structure

- + The majority shareholder of the both key operating LEAG companies **Lausitz Energie Bergbau AG** and **Lausitz Energie Kraftwerke AG** is the **Lausitz Energie Verwaltungs GmbH**.
- + It is wholly-owned by LEAG Holding, a.s. with its head office in Prague.



LEAG is ...

- + one of the largest **private-sector employers** and **vocational training companies**
- + in the industrial sector in eastern Germany.



operator of the **second largest German lignite mining district...**

...and of the **latest generation of lignite-fired power plants.**



reliable and flexible producer of **electricity**, provider of **ancillary services** and partner for regional **district heating**.



LEAG target picture 2030

Development with a clear vision



From a mining and power plant operator to an energy, infrastructure and service company

Core business as the basis for the transformation

Where do we stand?

- legally defined coal phase-out strongly influences LEAG's strategy
- **further development & use of the potential from today's core business** form the basis for transformation



Business development based on existing competencies, assets and infrastructures

- **optimise core business**
- **diversify generation portfolio**
- leverage assets and know-how in new markets
- **building up new business areas**
- **grow** organically and inorganically (company development as well as acquisition/equity participation)

LEAG's business segments



Sites full of energy

LEAG is growing - in the coalfields, but also nationwide. An overview of our facilities, projects and prospects.



Brandenburg

 Education Lausitz >

 BigBattery Lausitz >

 Energypark Bohrau >

 EVA Jänschwalde >

 Floating PV Cottbuser Ostsee >

 Innovative Storage power plant >

 MCR Engineering Lausitz >

 PV-Park Weizow III >

 Secondary Raw Materials Center >

 Solarpark Deponie Jänschwalde I >

 Hydrogen fueling station Cottbus >

 Windpark Forst-Briesing II >

Saxony

 BigBattery Oberlausitz >

 InnoCarbEnergy >

 Max IV Kraftwerk Boxberg >

 Solarpark – Am Kraftwerk Boxberg >

 Solarpark IAA Böhlen >

 H₂ Cooperation Ostdeutschland >

Bavaria

 Gas power plant Leipheim >

Saxony-Anhalt

 Solarpark Zschornowitz >

BigBattery Lausitz

- + 13 containers with lithium-ion batteries
- + intermediate storage of electricity from the Schwarze Pumpe power plant and the power grid
- + charging and discharging according to grid situation
- + contribution to grid security:
frequency holding and control
- + **targets:**
 - + fast reaction to mains fluctuations
 - + further increase the flexibility of power plant operation
 - + gain experience in storage management and develop new use cases



Supported with subsidies provided by the State of Brandenburg.



Bewilligungsstelle:

Investitionsbank
des Landes
Brandenburg

ILB



utilisation capacity
53 MWh



investment
25 million Euro



completion
2020

**BIG
BATTERY**
LAUSITZ

LEAG



Sustainable use of hydrogen in public transport

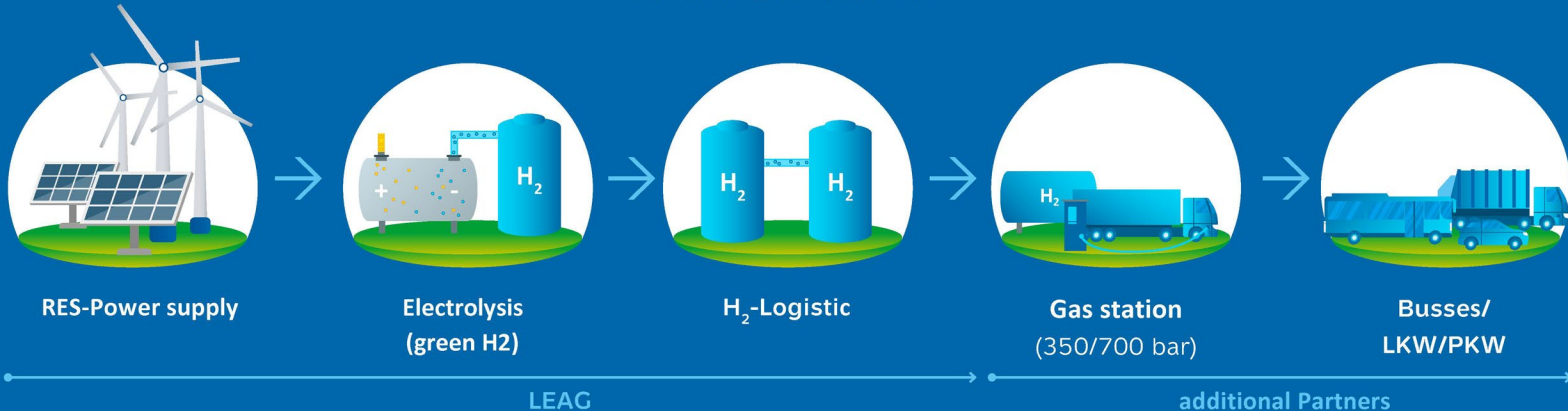
→ Cottbusverkehr and LEAG jointly build a hydrogen filling station with electrolysis in modular design

→ Contribution to climate protection and transport turnaround (implementation of the EU's Clean Vehicles Directive with new procurement quotas for low-emission/free public transport)

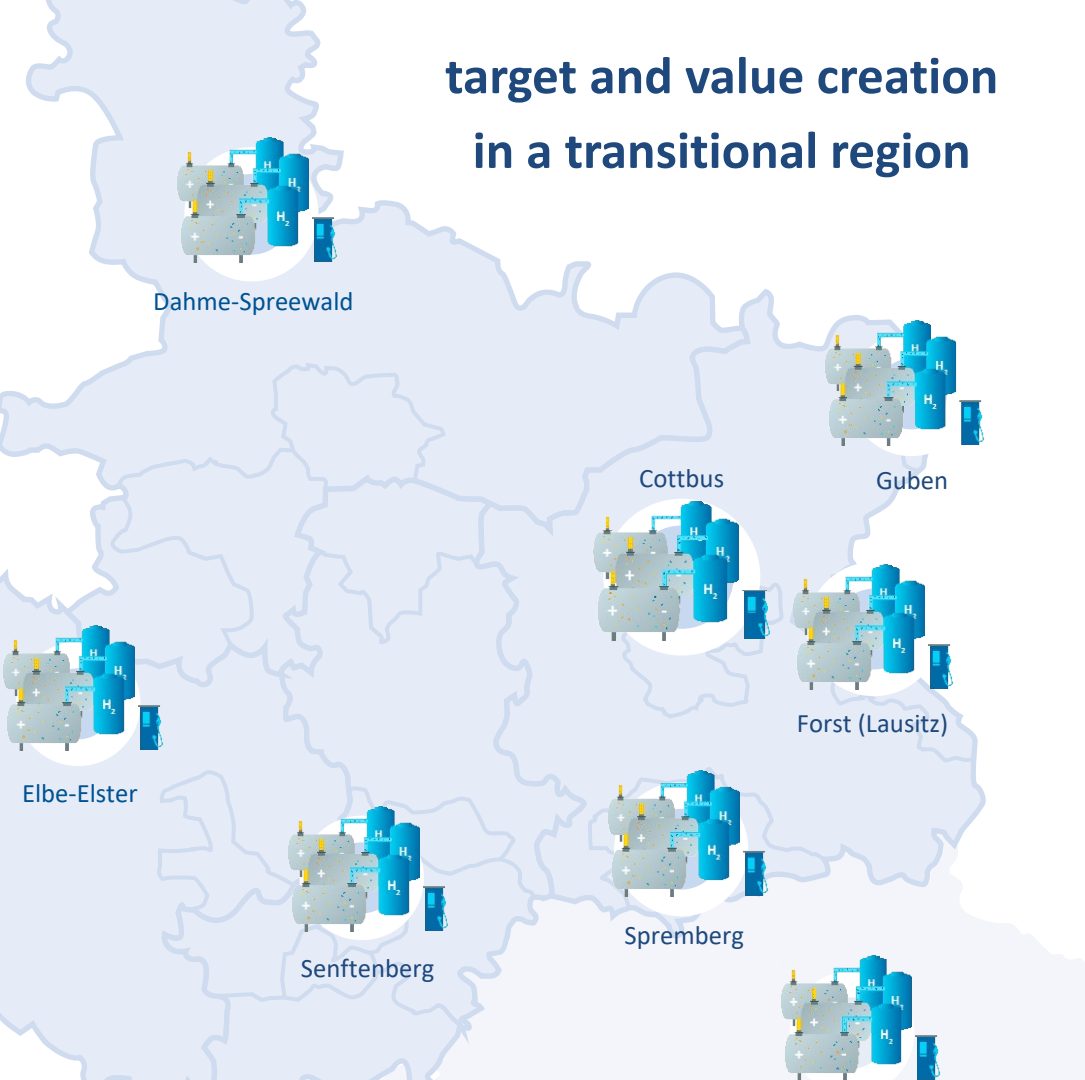
→ Contribution to structural change in Lusatia with complete regional value chain



In Cooperation with Cottbusverkehr



target and value creation in a transitional region



From mining and power plant operator to an innovative and versatile energy, infrastructure and service company.



new
technologies



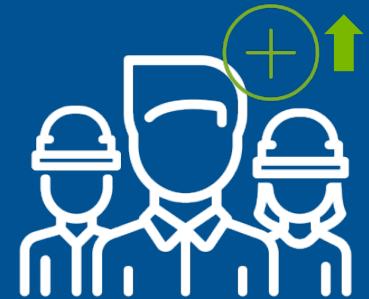
expansion of electricity
and heat generation

assets &
services



new use of existing
assets and know-how

new products &
services



development
and marketing



Thank you for your attention!

ISO 14001
zertifiziert



ISO 50001
zertifiziert



ISO 45001
konform



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