



# VALUE CREATION IN THE BATTERY INDUSTRY

IN THE CAPITAL REGION OF BERLIN-BRANDENBURG

# Your investment in a growing market

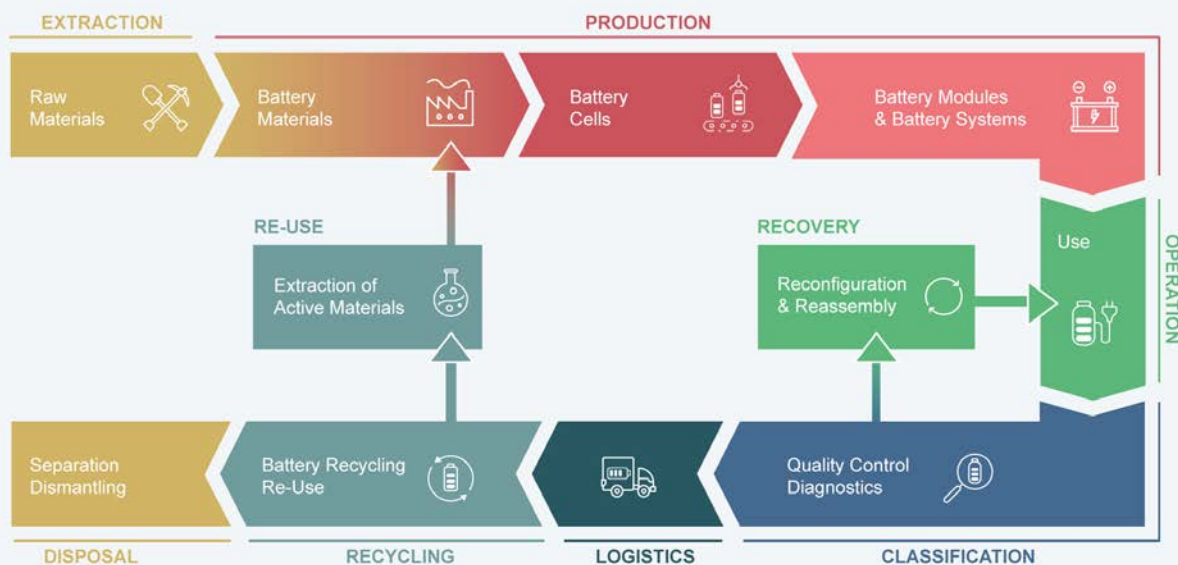


## Battery industry value chain

Brandenburg is increasingly becoming a center for modern mobility – and a key focal point for the development and production of battery storage systems for mobility and the energy transition. From raw material processing to cell production, and from battery packs to battery recycling – we are developing the infrastructure to cover the entire battery life cycle. Brandenburg is closely connected to its surrounding area: together with Saxony, Berlin and beyond, a strong region for battery expertise is emerging in Germany.



The largest share of value added is currently attributable to the production of lithium-ion batteries:



## Locational advantage: Green energy

A future-proof production factor within the value chain is the high proportion of green electricity produced in Brandenburg.



### WIND

Brandenburg generates approx. 8,700 megawatts (MW) with over 4,000 wind turbines.



### PHOTOVOLTAICS (PV)

Brandenburg has 103,800 PV systems with a capacity of about 2,565 kWp per 1,000 inhabitants and an installed capacity of around 6,700 megawatts (MW).



### HYDROGEN

Brandenburg's target by 2040: 3.75 terawatt hours (TWh) per year through renewable energies and electrolysis.



### BIOENERGY

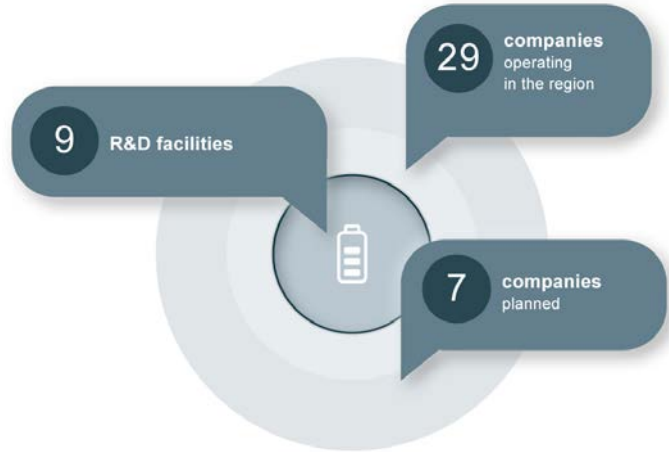
Brandenburg generates 503 megawatts (MW) with 732 biomass plants.

# Brandenburg – hub for modern mobility



## Brandenburg as a battery center

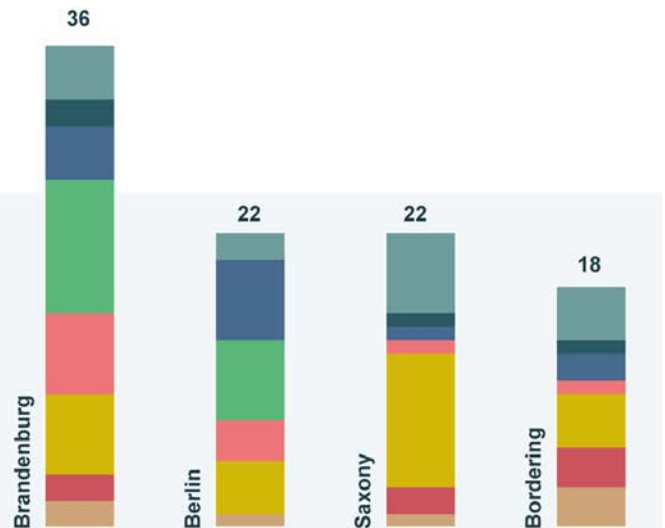
Brandenburg is the ideal location for companies in the battery value chain. It offers research and development (R&D) opportunities, space for business development, commercial and industrial areas in a prime location, as well as state-of-the-art infrastructure. Lots of companies have already put down roots here. And we have space for you too. <https://invest.wfbb.de/en/home-business-invest>



## En route to the “closed loop”

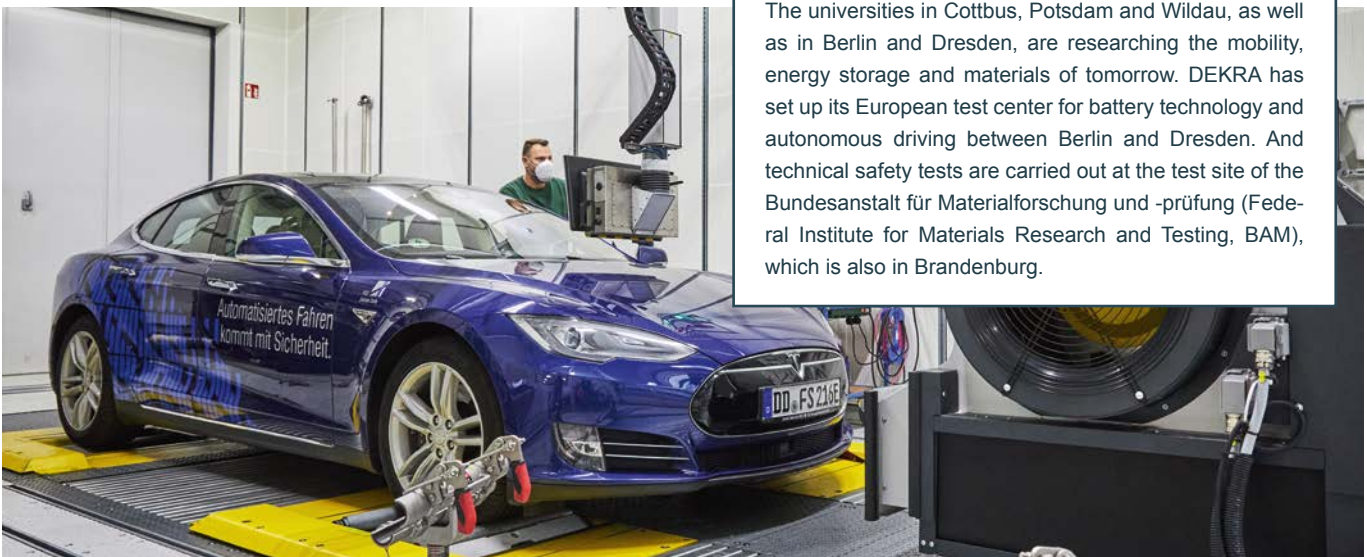
From active material to battery logistics – the broad spectrum of battery value creation is evolving in Brandenburg. And in the surrounding area, too. Brandenburg is closely networked with Berlin and Saxony. This is hugely beneficial, as research and development, supply and the qualification process can all take place across state borders.

- Battery recycling and reprocessing
- Battery logistics
- Engineering, testing, diagnostics, quality control
- Users
- Suppliers
- Battery packs, modules and systems
- Battery cell plants
- Active materials



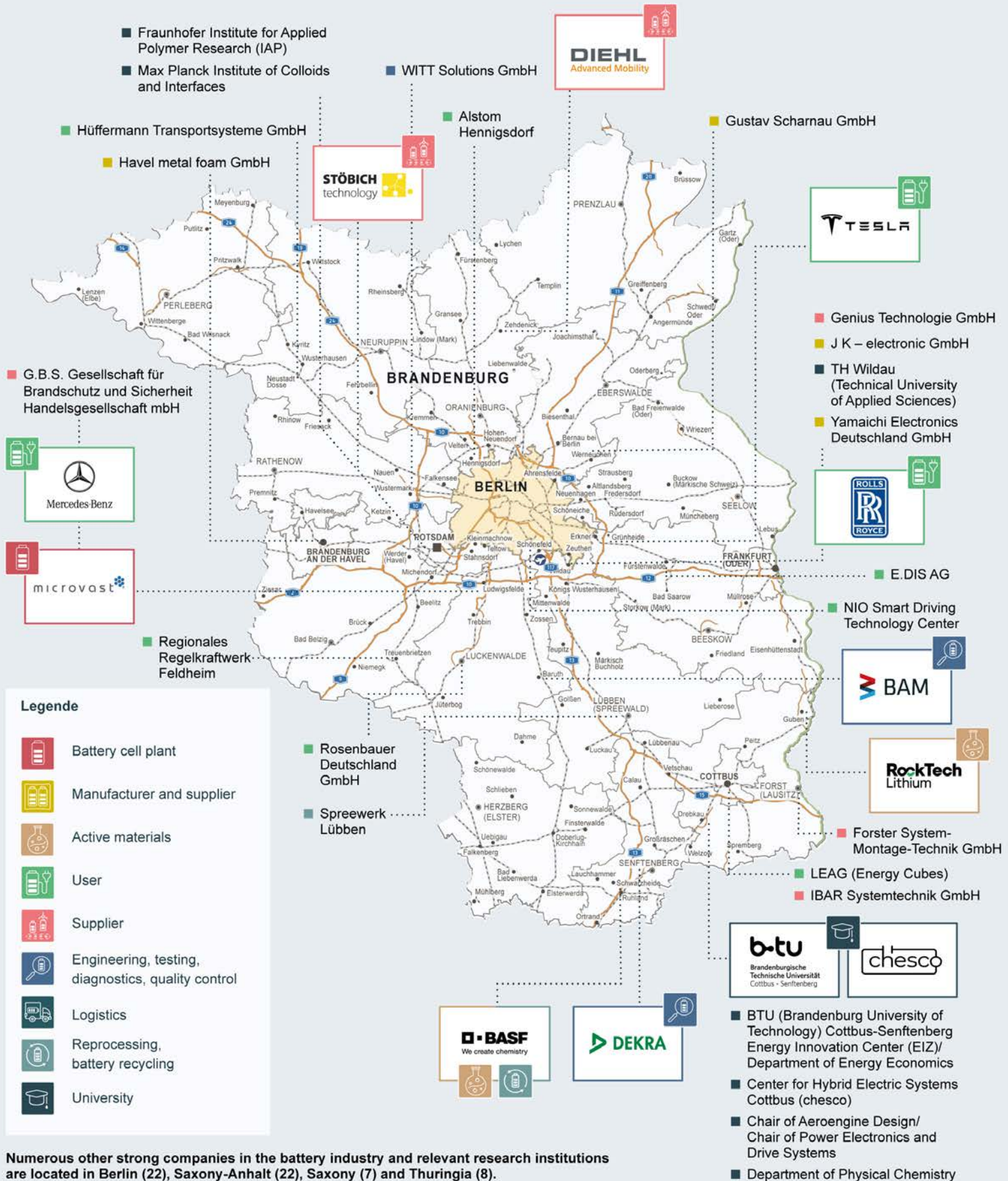
### TEST FIELDS AND RESEARCH

The universities in Cottbus, Potsdam and Wildau, as well as in Berlin and Dresden, are researching the mobility, energy storage and materials of tomorrow. DEKRA has set up its European test center for battery technology and autonomous driving between Berlin and Dresden. And technical safety tests are carried out at the test site of the Bundesanstalt für Materialforschung und -prüfung (Federal Institute for Materials Research and Testing, BAM), which is also in Brandenburg.



At a glance

# Strong players in the battery industry – a selection



Numerous other strong companies in the battery industry and relevant research institutions are located in Berlin (22), Saxony-Anhalt (22), Saxony (7) and Thuringia (8).

BTU (Brandenburg University of Technology) Cottbus-Senftenberg Energy Innovation Center (EIZ)/ Department of Energy Economics

In action

# Brandenburg – your battery location



## Locational advantage: Skilled employees

Motivated skilled employees, working students or graduates – we're here to support you in the recruitment and qualification of suitable employees at every level.

**Economic and workforce development under one roof**  
Brandenburg offers a service that is currently unique in Germany: Economic and workforce development under one roof. This ranges from recruitment support to guidance on qualification and continuing training, supplemented by appropriate funding.

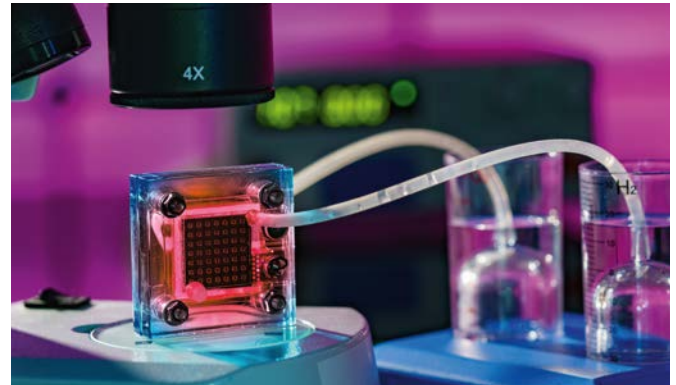
[arbeit.wfbb.de](http://arbeit.wfbb.de) (only in German)

## Specialist qualifications for the battery industry

Brandenburg and Berlin are promoting the qualification of employees for the battery industry with the collaborative project "Competence Building for Battery Cell Manufacturing in the Capital Region" (KOMBiH):

- ▶ Determination of personnel requirements
- ▶ Development of relevant qualification opportunities
- ▶ Practical implementation

## Employment prospects in the battery industry in Brandenburg



## Location asset: Research

Many of the universities, universities of applied sciences and non-university research institutions in the Berlin-Brandenburg capital region are actively researching applications and solutions within the battery industry value chain.

The research focuses on resource-efficient battery production, materials research, and the repair, reprocessing and recycling of batteries. Networks and collaborations successfully promote the transfer of technology between companies and scientific institutions:

<https://invest.wfbb.de/en/future-mobility/battery-expertise-brandenburg>

<https://kombih.de> (only in German)

<https://energietechnik-bb.de/en>

<https://kunststoffe-chemie-brandenburg.de/en>

<https://www.relios.org/>



# Brandenburg

## Locational Advantages | Facts | Services

### This is where investments pay off

Brandenburg offers tailor-made funding programs for innovations, investments and the qualification of professionals. Funding is provided by the European Union, the Federal Government and the State of Brandenburg.

### High quality of life

The region offers a unique combination of the international flair of the Berlin metropolis and the fascinating nature and historical sights of Brandenburg. A singular club scene, renowned large events, more than 170 museums, 150 theatres as well as some 500 castles, churches and parks all attract visitors to the region. There are no limits to the sporting and leisure activities, among them golf, horse riding, water sports and flying.

### Corporate engagement made easy

Economic Development Agency Brandenburg (WFBB) offers comprehensive support for establishing your company: competent, fast, non-bureaucratic, confidential, and free of charge.

- Location: facts and figures about the Brandenburg economic region
- Personnel: support in the recruitment and training of new employees
- Real estate: assistance with the search for properties to rent and buy
- Financing: advice on funding opportunities and financing methods
- Contacts to: public authorities, banks, chambers of commerce, associations, company networks

<https://invest.wfbb.de/en/future-mobility/battery-expertise-brandenburg>

<https://www.wfbb.de/studie-batteriekompetenz-brandenburg>

Your contact in Brandenburg:

Economic Development  
Agency | **Brandenburg**

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