

MEET

The Battery Research Center
at Münster University



SCIENCE

TECHNOLOGY



APPLICATION

COOPERATION



Passion for

SCIENCE



EXPERTISE IN MATERIALS AND COMPONENTS

- › Active electrode materials: synthesis, material composition and morphology
- › Inactive electrode materials: collectors, binders and conductive additives
- › Separators: ceramic and polymeric materials
- › Electrolytes: characterization and analysis





Experienced in

TECHNOLOGY



PROCESSES FOR MATERIALS AND CELLS

- › Electrode and electrolyte formulation
- › Upscaling of materials
- › From thin to thick electrode films
- › Novel cell design and highly flexible cell assembly
- › Optimization of formation procedures
- › Methods development

Targeted at

APPLICATION



COVERING ALL PRODUCT AND USAGE FIELDS

- › Electrochemical energy storage:
batteries, supercapacitors and more
- › E-mobility and stationary
electricity storage
- › Medical, industrial and
specialty applications
- › Second use and recycling

meet 



Success through

COOPERATION



FROM SERVICE PROJECTS TO LONGTIME COOPERATION

- › Development of battery materials
- › Cell manufacturing
- › Cell and battery tests:
performance, life and abuse tests
 - › Analysis of cell components
and material examination
 - › Studies, analysis
and reviews