M ERA NET 3: international matchmaking event on battery materials

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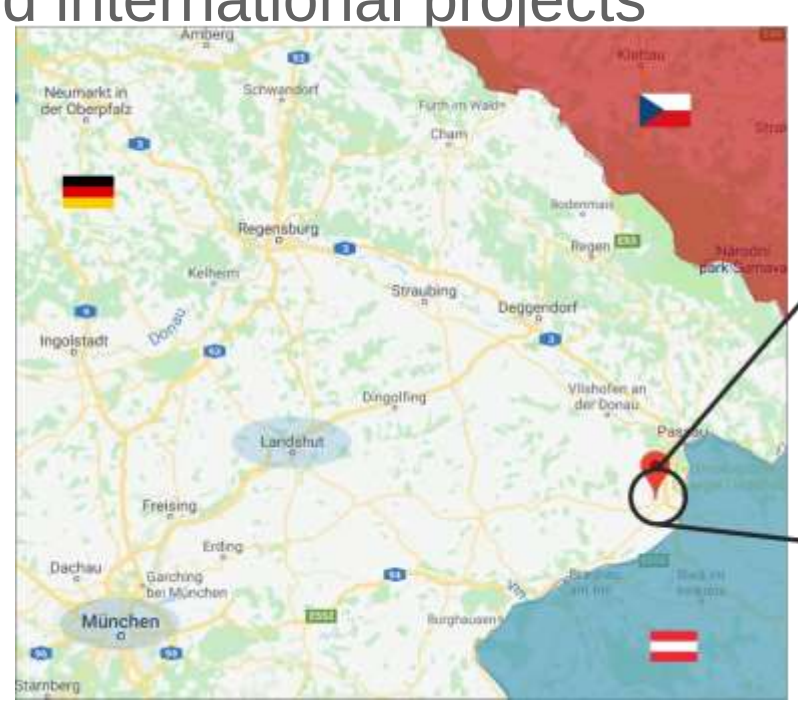
About the Technology Centre for Energy
Basic Information

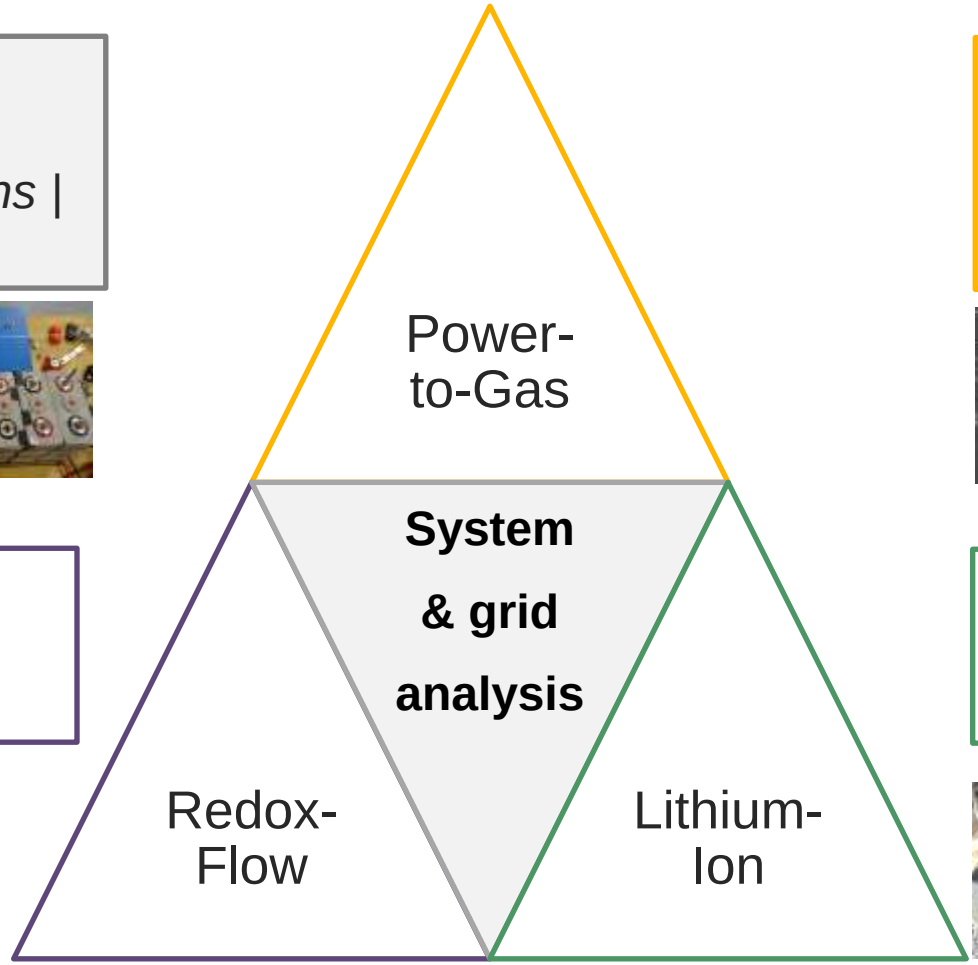
- A research institution of the Landshut University of Applied Sciences
- **Facts**: CEO | Scientific Director | 6 professors | 20 staff members | 5 research assistants | 10 - 15 national and international projects
- **Research Areas:**
  - Electrochemical storage
  - Chemical storage
  - System and grid integration



About the Technology Centre for Energy
Research Areas

Dimensioning | operating strategies | cost analysis | efficiency in system applications | energy management system

R&D platform for redox-flow-batteries – environmental friendly & cost effective



Microbiological methanation | sector coupling | electrolysis | thermochemical conversion of biomass

From material analysis, component production up to recycling strategies

Storage technologies for renewables:
Batteries

Li-Ion Technology
Li-Solid State Technology

Anodes: C, Si, LTO, Li
Cathodes: NCM, NCA, LFP

Separators:
Polyolefine, Anorganic filled,
Anorganic coated, Ceramic selfstanding

Electrolytes: Carbonates, PEO, Solid-State

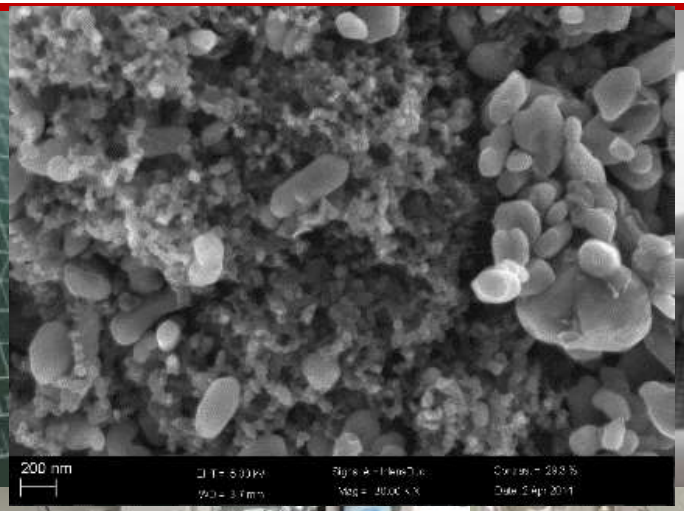
Foto: vencav/stock.adobe.com

Redox Flow Batteries

Standard Vanadium-Technology
All Iron-Technology

Aqueous Na-Ion Technology

Pilot Lines for Li-Ion Cells



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You are looking for experienced Researchers and KnowHow in Battery Production Technologies?

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