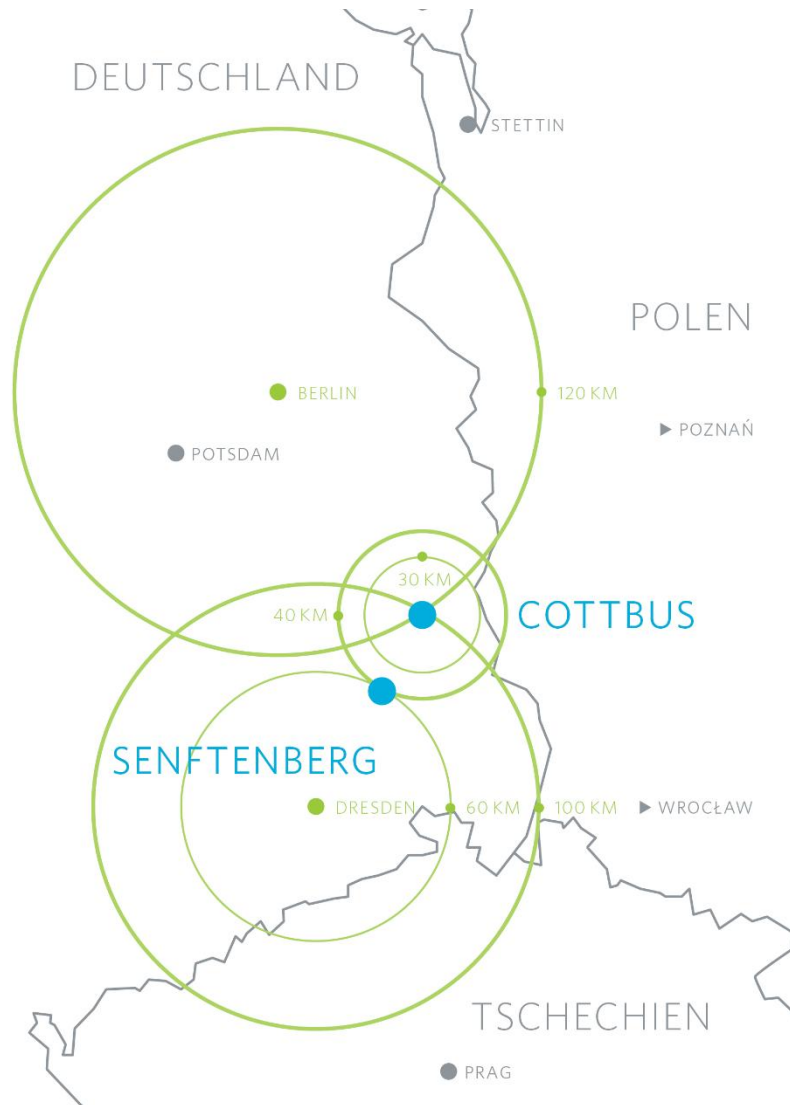


# **BTU Facts and Figures**

**Prof. Dr.-Ing. habil. Michael Hübner**

**Vice President for Research and Transfer**

May 6th, 2026



- 2013: Founding of BTU Cottbus-Senftenberg
- Only technical university in Brandenburg
- 2020: Structural Strengthening Act for Coal Regions
- **Today one of the most dynamic science locations in Germany:**

**We conduct research on global issues of the future.**

**("Great Challenges")**

**We are working on progressive and sustainable regional development. ("Structural Change Model Region")**

**We train the skilled workers needed for this.**

# BTU: SELECTED KEY FIGURES



**Approx. €104.0 million**  
Budget funds in 2025



**€65 million**  
Third-party funding income in 2025



**25 (+7)**  
Joint appointments with non-university research institutions and others



**990**  
Scientific publications in 2024



**73**  
Completed doctorates 2024



**6** faculties with **66** bachelor's and master's degree programs  
(18 English-language)



**185 professors**  
**1,440 employees**  
(approx. 50% academics)



**Approximately 7,700**  
**students in total**  
over 40  
Percentage of women

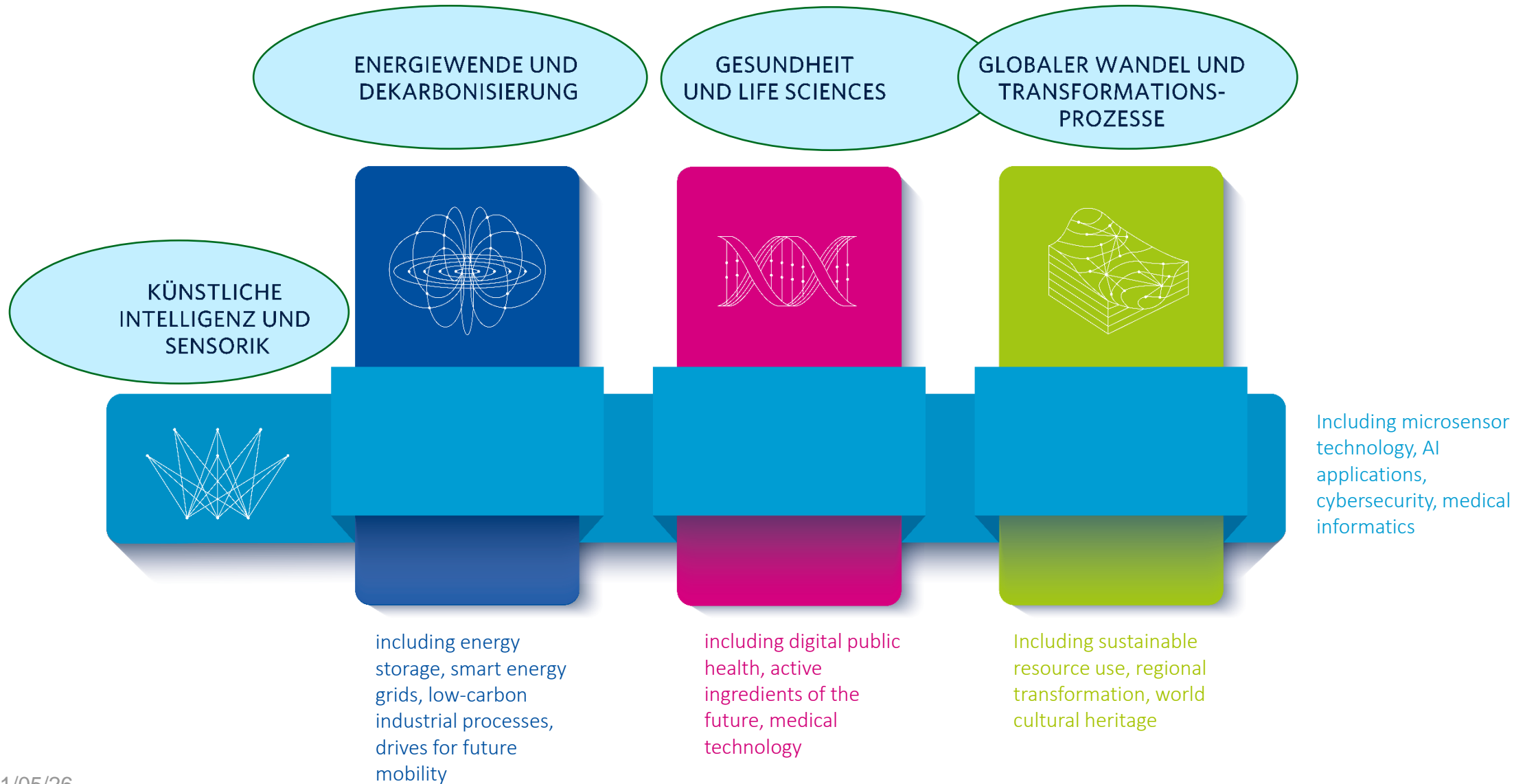


**3,400**  
**International students**  
from 125 countries

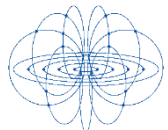
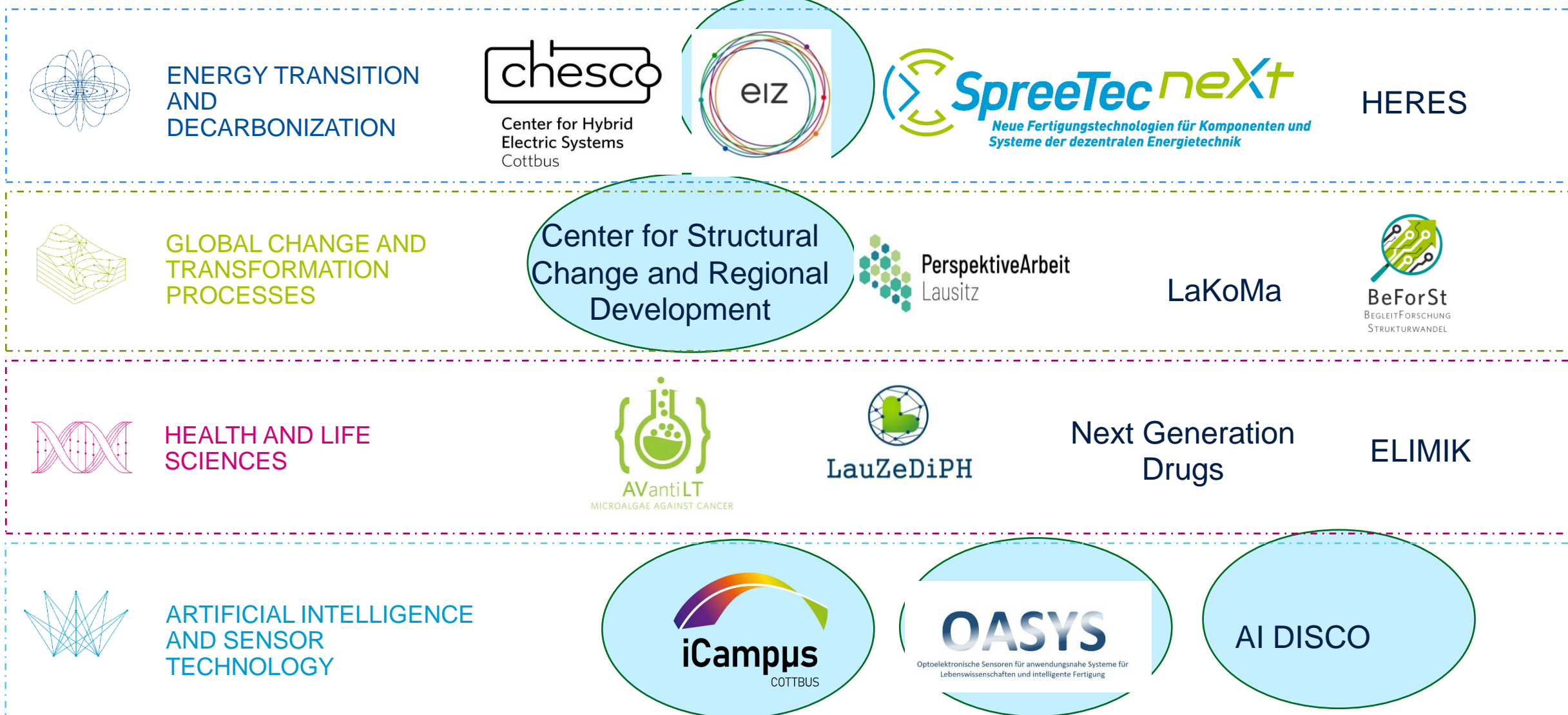


**2,000**  
First-year beginners

# GLOBAL CHALLENGES AND REGIONAL NEEDS: THE BTU'S RESEARCH PROFILE AREAS



# PROFILE-ENHANCING PROJECTS, FINANCED BY THE STRUCTURAL STRENGTHENING ACT



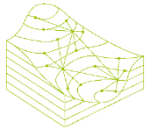
ENERGY TRANSITION AND DECARBONIZATION



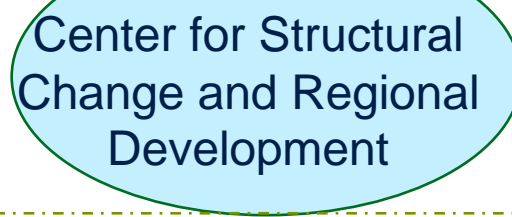
Center for Hybrid Electric Systems  
Cottbus



HERES



GLOBAL CHANGE AND TRANSFORMATION PROCESSES



LaKoMa



HEALTH AND LIFE SCIENCES

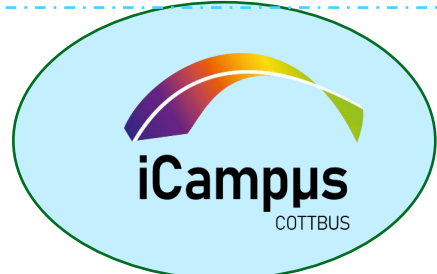


Next Generation Drugs

ELIMIK

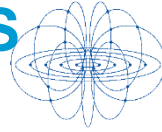


ARTIFICIAL INTELLIGENCE AND SENSOR TECHNOLOGY



# PROFILE-ENHANCING PROJECTS

## Energy transition and decarbonization



Center for Hybrid  
Electric Systems  
Cottbus

**eiz** Energie-Innovationszentrum  
Cottbus



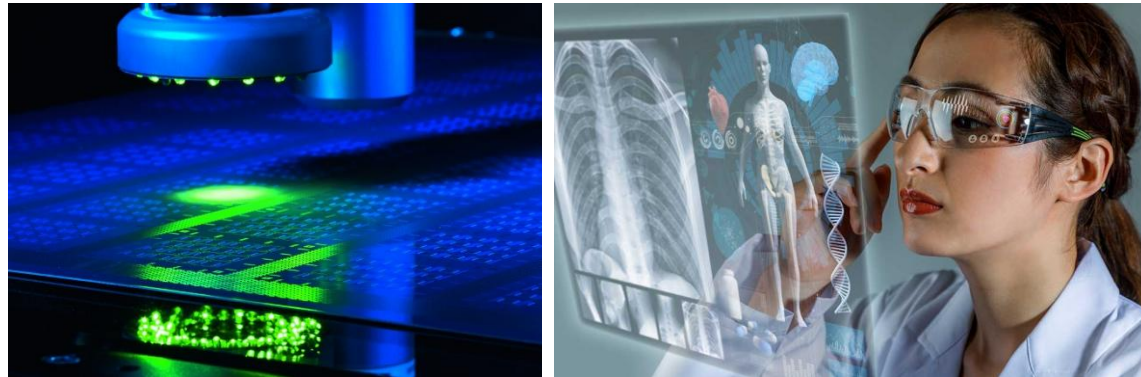
Center for research into hybrid-electric and electric systems for the mobility sector; pilot project contributes to achieving climate neutrality in aviation by 2050

Development of innovative solutions and technologies for climate-neutral energy supply in Lusatia and worldwide

Innovation center focusing on integrated value chains with end-to-end research and resource-efficient manufacturing

# PROFILE-ENHANCING PROJECTS

## Artificial intelligence and sensor technology



Research cooperation with the aim of establishing products in the field of microsensor technology in collaboration with SMEs in Lusatia

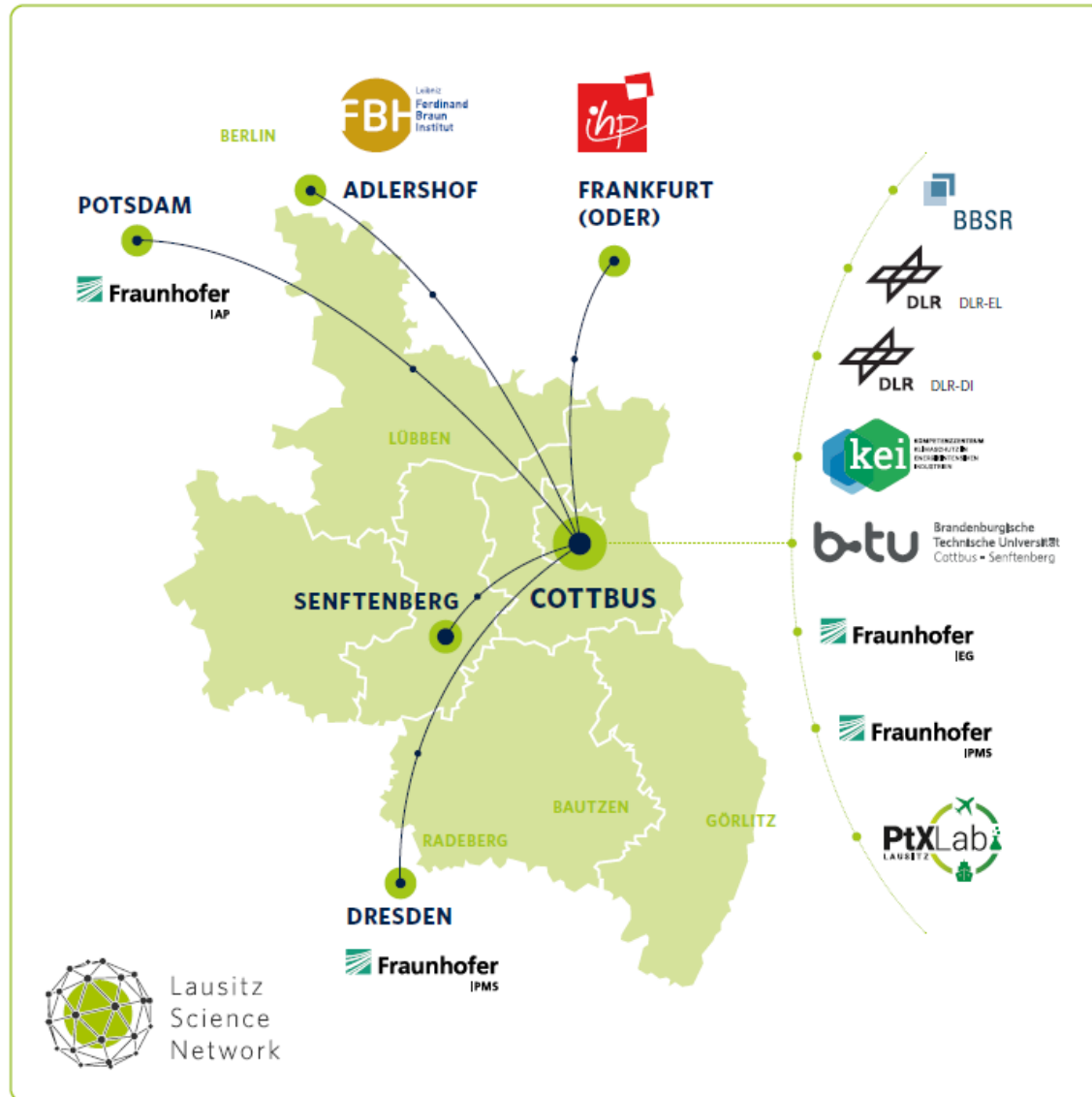
## OASYS

Optosensors for Advanced Systems in Life Science and Smart Production



In cooperation with auF and industry partners, the demand for innovative optical sensor systems is being translated into transfer- and application-oriented research

# LAUSITZ SCIENCE NETWORK E.V.



- ❖ Founded 12/2022
- ❖ 12 member organizations

Brandenburgische Technische Universität (BTU) Cottbus-Senftenberg	Leibniz-Institut für innovative Mikroelektronik (IHP)	Bundesinstitut für Bau-, Stadt- und Raumforschung (BBSR)
Deutsches Zentrum für Luft- und Raumfahrt (DLR) – Institut für CO <sub>2</sub> -arme Industrieprozesse	DLR – Institut für elektrifizierte Luftfahrtantriebe	BfS – Bundesamt für Strahlenschutz   Kompetenzzentrum Elektromagnetische Felder
Fraunhofer-Einrichtung für Energieinfrastrukturen und Geothermie (IEG)	Fraunhofer-Institut für Photonische Mikrosysteme (IPMS)	Fraunhofer-Institut für Angewandte Polymerforschung (IAP)
Ferdinand-Braun-Institut gGmbH, Leibniz-Institut für Höchstfrequenztechnik (FBH)	PtX Lab Lausitz, Praxislabor für Kraft- und Grundstoffe aus grünem Wasserstoff	Kompetenzzentrum Klimaschutz in energieintensiven Industrien (KEI)

- ❖ Scientific backbone of the LSP
- ❖ Impetus for members and the region
- ❖ (Interim) office at the BTU

Prof. Dr.-Ing. habil. Michael Hübner  
Full-time Vice President for Research and Transfer

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