



# 1<sup>st</sup> Symposium **TEC2ZERO**

## Call for Papers

University of Wuppertal,  
09./10.10.2025

### ORGANIZING COMMITTEE:

Prof. Dr. Slabon, Department of Chemistry & Biology, Inorganic Chemistry  
Prof. Dr. Schmülling, Institute of Electric Mobility and Energy Storage Systems  
Prof. Dr. Anders, Institute of Structural Engineering – Construction Materials

Grafic: Mit KI generiert mittels ChatGPT

Activity Field  
„Technology Towards  
Zero-Waste and Zero-Carbon“



BERGISCHE  
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WUPPERTAL

The 1<sup>st</sup> TEC2ZERO Symposium informs about research activities and serves as networking event for the new Activity-Field "Technology Towards Zero-Waste and Zero-Carbon".

### PROGRAM

|                      |                                                                                                                                            |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Thursday, 09.10.2025 | Welcome<br>Field 1 „Future Technologies“<br>Lunch Break<br>Field 2 „Economy, Management & Education“<br>Poster Session<br>Conference Event |
| Friday, 10.10.2025   | Field 3 „Materials Flows“<br>Awards & Closing                                                                                              |

Prizes will be awarded for young researchers in the categories:

- Best Paper
- Best Presentation
- Best Poster

### IMPORTANT DATES

|                          |                             |
|--------------------------|-----------------------------|
| Abstract Submission:     | 30.04.2025 (max. 300 words) |
| Acceptance of Abstracts: | End of April                |
| Full Paper:              | 15.07.2025 (max. 8 pages)   |
| End of Registration:     | 31.07.2025                  |

### REGISTRATION

Members and partners of the University of Wuppertal whose research is related to the new Activity-Field 'Technology Towards Zero-Waste & Zero-Carbon' are welcome to register. Please submit your abstract with a maximum of 300 words using the Symposium homepage. The contributions to the symposium will be published in an open-access format.

The Symposium is a BUW-internal event, aiming at mutual information, initiating new cooperations and networking. Participation is free of charge. Participants without own contribution are welcome to join.

### TOPICS

Contributions are expected to cover research relevant to the Activity-Field „Technology Towards Zero-Waste and Zero-Carbon“. The mentioned fields are methodologically open, including experimental, theoretical and AI-driven approaches. They may deal with - but are not confined to - the following topics:

#### Future Technologies:

- Energy Efficiency
- Mobility Solutions
- Critical Raw Materials (including possible toxicity and environmental impact)

#### Economy, Management and Education

- Product Design
- Management and Implementation
- Lifelong Learning
- Communication for managing change

#### Materials Flow

- Life-Cycle Analysis
- Waste as Feedstock
- Urban Mining & Secondary Raw Materials
- Supply Chain Management

### CONTACT

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### VENUE

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