

# TRENT

# 中德碳达



## Goals:

-  Developing sustainable and green solutions for the environment and energy sector
-  Providing solutions for the public sector and enterprises to deal with relevant challenges
-  Increasing the number of experts in the field of environment and energy sector
-  Close cooperation between universities, research centers and enterprises from China and Germany
-  Enhancing and deepening the understanding in environment and energy science and technologies
-  Raising awareness for topics related to environment and energy sector

## Motivation:

-  Provide a platform for institutions of higher education and research, public authorities and enterprises in Jiangsu and Baden-Württemberg
-  Jointly develop solutions for a green and sustainable world
-  Make science and technology accessible and useful for now and for future generations

**Transnational Competence Center  
for Environmental Technology  
and Research**

**Jiangsu Baden-Württemberg  
(TRENT)**

Funded by



**Baden-Württemberg**

MINISTERIUM FÜR UMWELT, KLIMA UND ENERGIEWIRTSCHAFT

## How can I participate?



Open invitation to a wide range of audience, keynotes on the state-of-the-art, identification of subjects for detailed investigation in smaller formats, exchange and knowledge sharing, collection of specific interests of partners



Participants in the same field of interest, panel of experts in focus areas, identification of synergy potentials and wide-ranging impacts, matchmaking, exemplary project approaches



Identified partners for one project approach, definition of project scope, formation of a consortium, identification of resources and competences required, project description and proposal

## Four driving forces of the project:

### Germany:



Karlsruhe Institute of Technology (KIT)



Umwelttechnik BW – State Agency for Environmental Technology and Resource Efficiency Baden-Württemberg (UTBW)

### China:

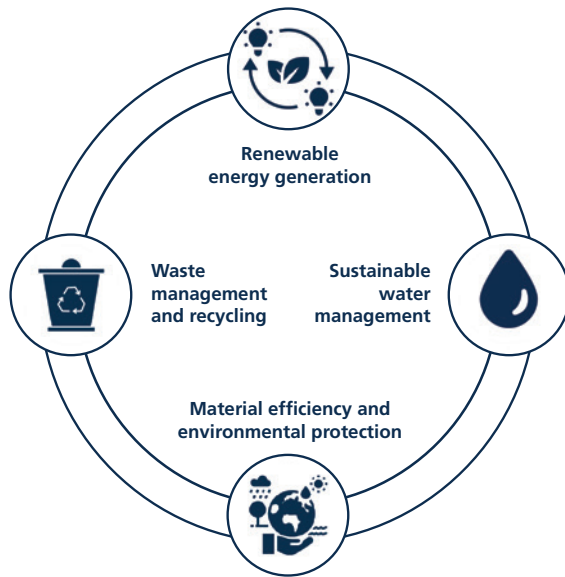


Global Advanced Manufacturing Institute in Suzhou



Baden-Württemberg International, Office Nanjing

## Thematic focus and application fields:



**Air pollution control**



**Bioeconomy**



**Circular economy and resource management**



**Environmental monitoring and protection**



**Water management**

## Offers:



### Network

- Round Table for scientists, national authorities and industry
- Interactive platform for Science-Industry-Contacts
- Industry Workshops and Events for information, exchange and knowledge transfer



### Education

- University and PhD students exchange
- University lectures
- Professional training courses
- Young talents programs
- Summer Schools



### Research

- Joint German-Chinese R&D projects
- Joint science-industry R&D projects



### Innovation

- Technology transfer support for R&D projects
- Incubator and accelerator programs



### Services

- Consulting services and industrial trainings

## Your contacts for TRENT

### Oliver Schmidt

Karlsruhe Institute of Technology (KIT),  
International Cooperations & Projects (INTL-ICoP)  
trent@intl.kit.edu.

### Xiaohong Zhu

Umwelttechnik BW GmbH  
State Agency for Environmental Technology and  
Resource Efficiency Baden-Wuerttemberg  
Xiaohong.Zhu@umwelttechnik-bw.de

### Lucas Bretz

Global Advanced Manufacturing Institute in Suzhou  
lucas.bretz@silu.asia

### Bernhard Weber

Baden-Württemberg International,  
Office Nanjing  
b.weber@bw-i.cn

---

### Kontakt

Karlsruher Institut für Technologie (KIT) Internationales

### Jie Han

Telefon: + 49 721 608-41928 | Fax: +49 721 608-42614  
E-Mail: jie.han@kit.edu

### Oliver Schmidt

Telefon: +49 721 608-41977  
E-Mail: oliver.schmidt@kit.edu

[www.intl.kit.edu](http://www.intl.kit.edu)

---

### Herausgeber

Karlsruher Institut für Technologie (KIT)  
Kaiserstraße 12  
76131 Karlsruhe  
[www.kit.edu](http://www.kit.edu)

Karlsruhe © KIT 2021

Visit us at:  
[www.trent-platform.info](http://www.trent-platform.info)