



# Announcement

## 5<sup>th</sup> International Conference on Electrolysis (ICE 2025)

### Freiburg, August 2025

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Tom Smolinka / Carolin Klose  
[www.ise.fraunhofer.de](http://www.ise.fraunhofer.de)  
[www.hahn-schickard.de](http://www.hahn-schickard.de)

# The Location: Freiburg in Germany

Centrally located in Europe close to Switzerland and France

## The city

- About 230,000 inhabitants
- Close proximity to Switzerland and France
- Known as “Green City” of Germany with short distances and strong public transportation
- Directly adjacent to the Black Forest National Park

## Accessibility: By airplane and train

- **Int. Airport Frankfurt/Main** / Germany: 2 h by high- speed train via direct connection
- **Int. Airport Basel/Muhlhouse** / France: 1h via airport shuttle (direct bus connection)
- **Zurich Airport** / Switzerland: 2h by train via Basel
- Daily high-speed train connection to Paris / France (3 ½ h)



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Main campus of the University in the city



Medieval city center

# Freiburg from the Hydrogen Perspective

## R&D from basic research to industrial development

### Fraunhofer Institute for Solar Energy Systems ISE

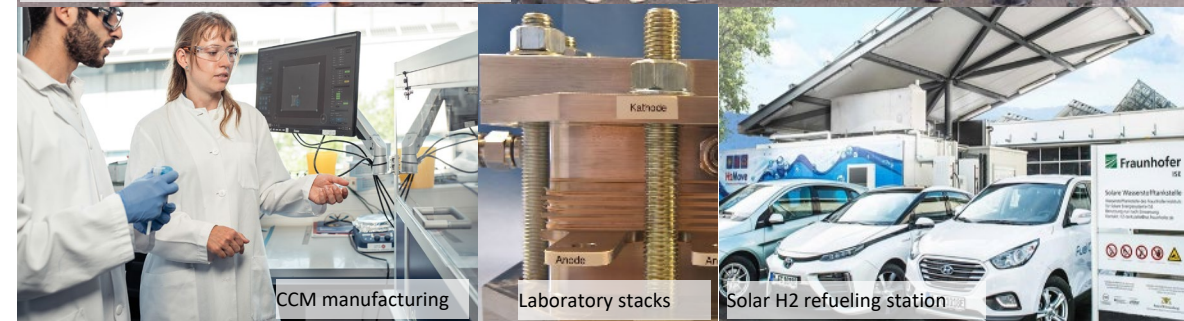
- Some 50 people active in the field of membrane water electrolysis
- > 850 m<sup>2</sup> laboratory area with several test rigs for PEM and AEM water electrolysis cell and stack characterization
- Institute's hydrogen refueling and injection stations with on-site PEM electrolysis

### University of Freiburg and Hahn-Schickard

- Group Electrochemical Energy Systems based at the Hahn-Schickard Microanalysis Research Institute in Freiburg and the University of Freiburg
- >35 people working on the integration of latest material developments into state-of-the-art electrochemical devices such as fuel cells, electrolyzers and batteries



Division Hydrogen Technologies at Fraunhofer ISE



CCM manufacturing

Laboratory stacks

Solar H2 refueling station



Division Electrochemical Energy Systems at Hahn-Schickard and University of Freiburg

# The Venue: Freiburg Messe

In close proximity to Fraunhofer ISE, University of Freiburg (IMTEK) and Hahn-Schickard

- Conference Center at fair “Messe Freiburg”
- 5 hotels in walking distance < 20 min
- 20 min from/to inner city by public transportation
- In close proximity to Fraunhofer ISE and University of Freiburg and Hahn-Schickard (< 5 min)



# The Big Five of South Africa

Easy to spot and very impressive!

**Disclaimer: We cannot compete with these big five!**



Elephant



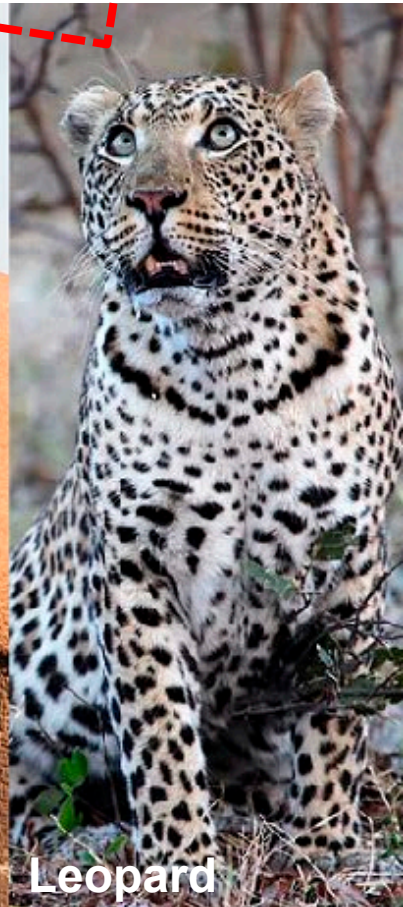
Lion



African Buffalo



Black Rhinoceros



Leopard

# The Big Five of the Black Forest

Rare to spot but incredibly impressive

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Capercaillie



Chamois



Red deer



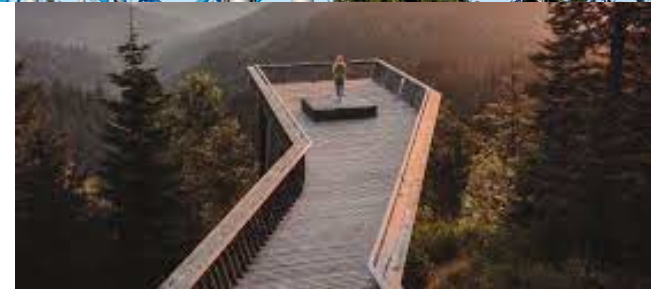
Backwoods cattle



Wild boar

# What else to experience?

Easier to spot, not less impressive ...





# We are looking forward to seeing you at the ICE 2025 in Freiburg!

## Contact

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