EU·CONCERT

COST Action CA24103

European Collaborative Network on electrocatalysis for Efficient Renewable Technologies

NEWSLETTER #1

Year 1 in Review 2025–2026

What is EU-CONCERT?

EU-CONCERT (COST Action CA24103) is a pan-European research network dedicated to advancing electrocatalysis for renewable energy technologies. Its mission: connect theory and experiment to understand and optimise electrocatalytic processes at solid–liquid interfaces.

The network brings together computational and experimental scientists across Europe to build predictive modelling and rational design tools for electrified interfaces, accelerating progress in green hydrogen production and CO_2 conversion.

Running from October 2025 to October 2029, EU-CONCERT gathers 300+ scientists from 35 countries into four interdisciplinary Working Groups covering computation, experiment, benchmarking, and dissemination.

- **WG1** Advanced Theoretical and Computational Approaches in Electrocatalysis
- **WG2** Collection of experimental data on designed model systems and comparison with simulations
- **WG3** Benchmarking and Data Sharing
- **WG4** Communication, Dissemination, Exploitation and Capacity Building



EU-CONCERT Launches Stronger European Collaboration

In October 2025, EU-CONCERT held its kick-off meeting in Brussels, bringing together researchers and MC members from across Europe.

The meeting marked the start of a shared effort to advance computational electrocatalysis and move research closer to real-world impact. Our first year has already demonstrated the value of a connected, truly European network.

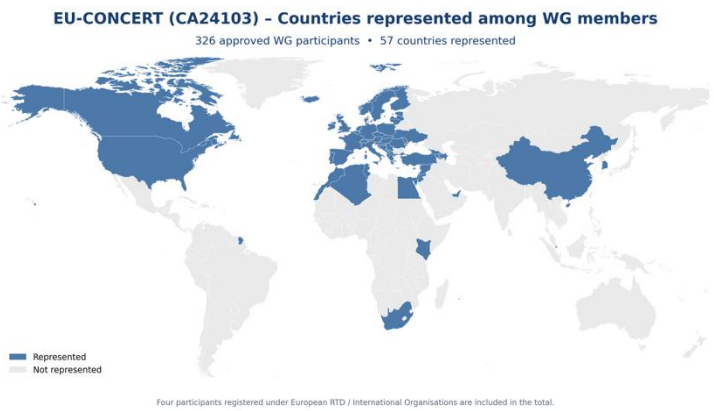
Year One in Numbers

COMMUNITY

35	300+	136	150
Countries involved	Members in network	ITC Members	Young Members

ACTIVITY & GRANTS

4	2	17	3
Working Groups	Meetings held	STSMs funded	YRI conference grants



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Upcoming events

JAN **27–29 January 2027 · Ljubljana, Slovenia**
Single-Crystal Model Surfaces in Electrocatalysis (WG2 School)
National Institute of Chemistry

JUL **19–23 July 2027 · Jülich, Germany**
SIMUL | e-CAT: Atomistic Modelling of Electrochemical Reactions (WG1 school)
Forschungszentrum Jülich

APR **12–13 April 2027 · Aveiro, Portugal**
Annual Plenary Meeting — University of Aveiro

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