

IEA Technology Collaboration Programme

**Advanced Fuel Cells**

# Overview of the Advanced Fuel Cell Technology Collaboration Programme

6 November 2025, Paris



## Who we are

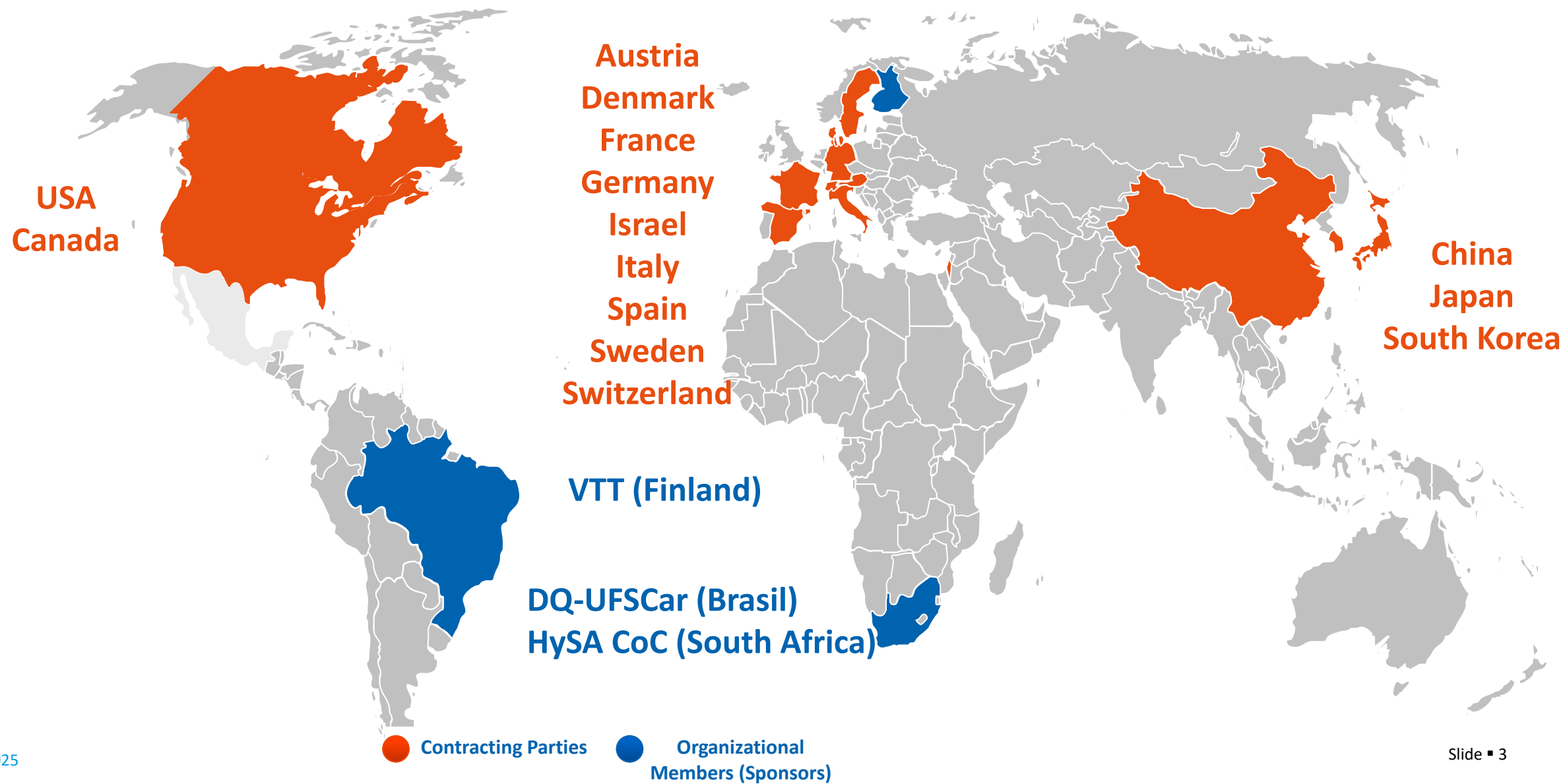
We are the only truly **international**, **professional** and **vivid network** on **fuel cells and electrolysers** within the IEA and worldwide since 1990. The **Advanced Fuel Cells TCP operates** in close collaboration **with the IEA**, its **Working Parties**, **other TCPs** and a **broader audience**, including policymakers.

The Executive Committee (**ExCo**) is comprised of representatives from every participating country and **steers** the **TCP**.

The **TCP oversees six Tasks** that are open to any candidate from the participating countries. The **Tasks carry out specific tasks** over a limited time. **New** participating **countries** are **welcome** and the ExCo accepts new members based on criteria specified by the IEA and the AFC TCP.



# PARTICIPANTS OF THE ADVANCED FUEL CELLS TCP



## Our vision

Contribute to opportunities and challenges to research, development and commercialization of fuel cell and electrolyzer technologies

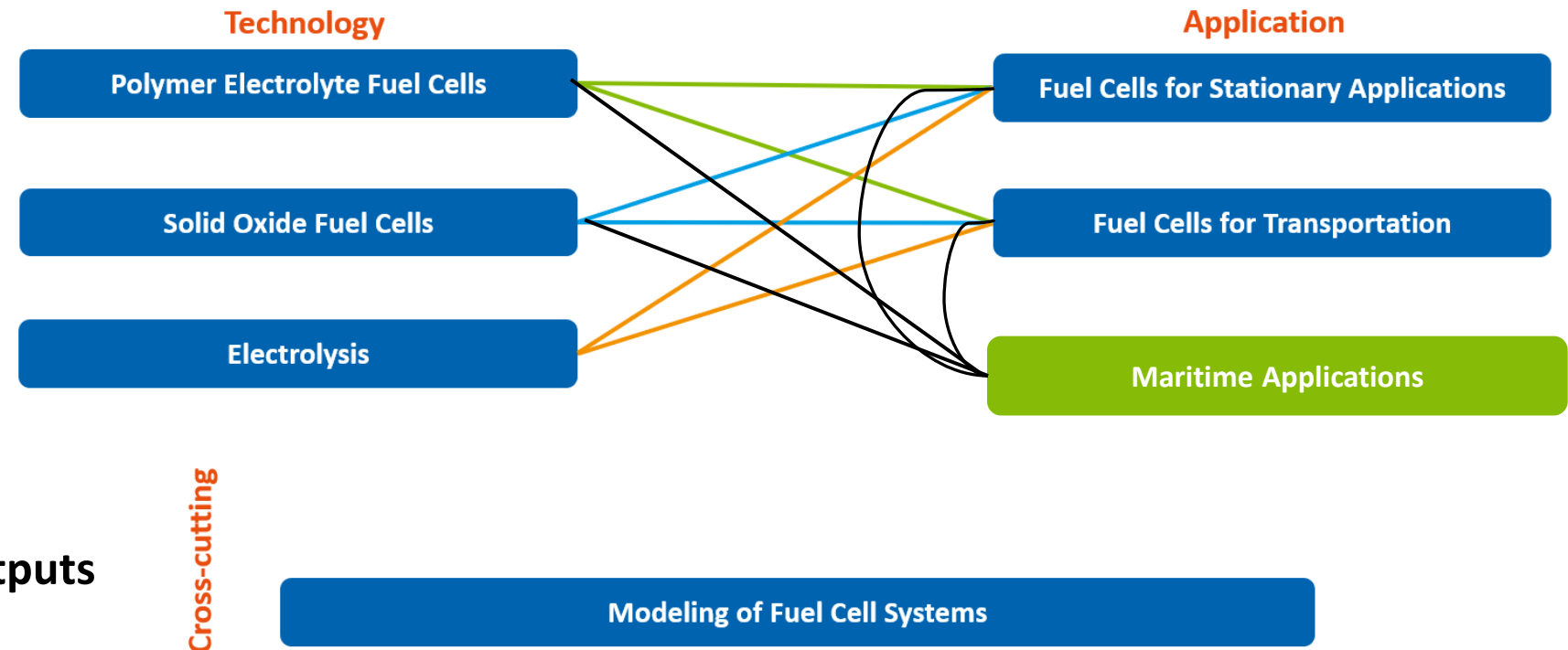
## Our mission:

- Carry out coordinated research, technology development and systems analysis in the areas stationary, transportation & portable power, as well as technologies (PEFC, SOFC, electrolysis systems)
- Systems analysis to answer key overarching questions
- Disseminate key findings and key messages of the AFC TCP with the R&D community, IEA, policy makers and the public as appropriate
- To further advance the state of understanding of all Contracting Parties in the field of AFC

# TASK STRUCTURE

## FOCUS ON

- **Cross-cutting** issues
- **Testing and analysis** under **real-world** operating conditions
- **End uses / market entry**
- **Communication / Translation of technology outputs**





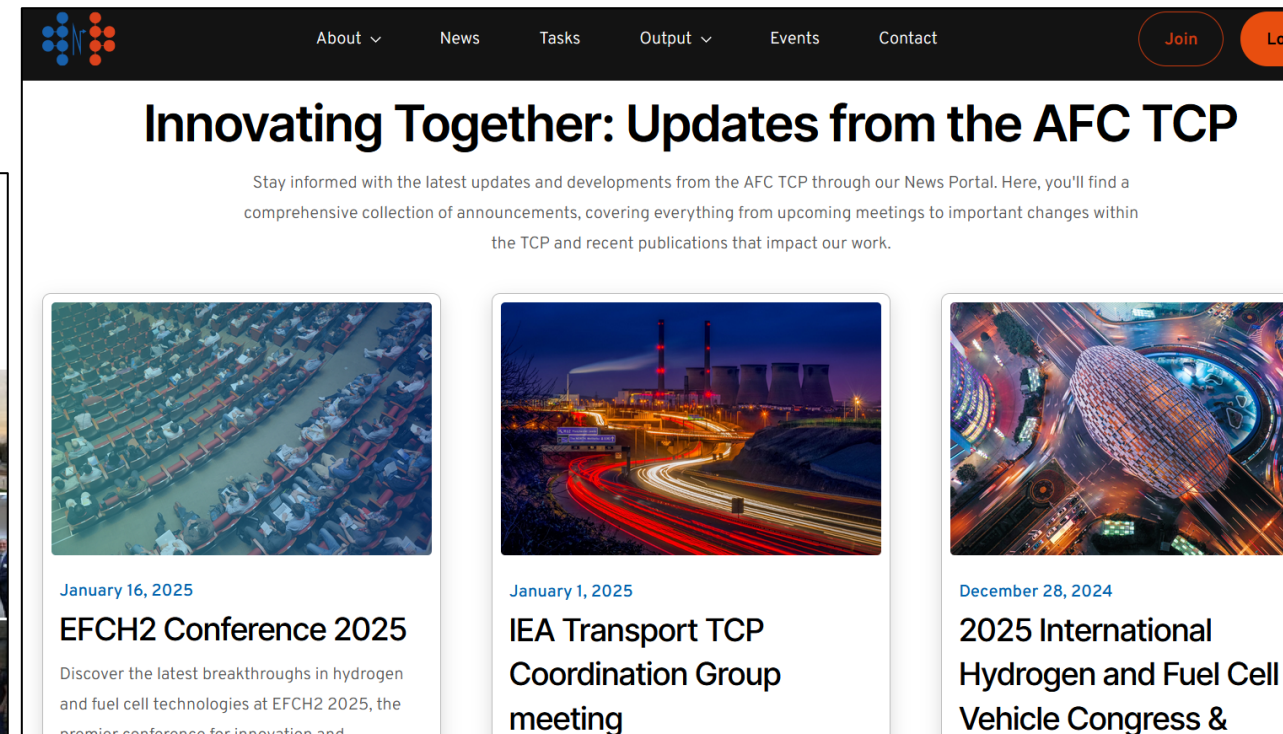
## Task outputs can include:

- Best practice example of applications at sites of contracting parties
- News items on new findings/ state-of-the-art
- Roadmaps & orientation for national decision-makers, industry partners
- Workshops/ webinars with other TCPs on interdisciplinary topic
- Technology statements and briefs
- LinkedIn & website news



## Target group:

- Industry
- Research
- TCP Contracting parties
- National decision-makers
- Public



Updated Website IEA AFC TCP: <https://ieafuelcell.com/>



## Who we are

We are the only truly international, professional and vivid network on fuel cells within the IEA and worldwide since 1990. The Advanced Fuel Cells TCP operates in close collaboration with the CERT, its Working Parties, and a broader audience,



# LEADERSHIP TEAM

## Chair:



Viviana **Cigolotti**

ENEA, Italy

## Vice-Chairs:



Dimitrios **Papageorgopoulos**

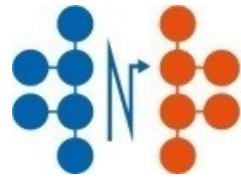
DoE, USA



Emilio **Nieto Gallego**

CNH2, Spain





IEA Technology Collaboration Programme

**Advanced Fuel Cells**

## Thank you

Dr. Viviana Cigolotti

AFC TCP Chair

[viviana.cigolotti@enea.it](mailto:viviana.cigolotti@enea.it)

Marietta Sander

Secretariat AFC TCP

[secretariat@ieafuelcell.com](mailto:secretariat@ieafuelcell.com)

[www.ieafuelcell.com](http://www.ieafuelcell.com)