

Solid Oxide Technology and Applications

OUR CAPABILITIES

- Engineering design, procurement, construction and testing of Solid Oxide Technology (electrolysis, fuel cell, coelectrolysis, etc.) and heat integration with other processes.
- ✓ Conceptual/Basic/FEED and EPC for green H₂/NH₃/CH₃OH industrial projects. PEM and AEL technologies.

OUR EXPERIENCE

- ✓ More than 100 R&D Projects (+ 30 European projects).
- ✓ Two Solid Oxide R&D Projects (24/7 ZEN and ATMOSPHERE).
- ✓ More than 55 green H₂/NH₃/CH₃OH industrial projects. PEM and AEL technologies.

OUR INTEREST

- ✓ <u>TC1-05</u>: Innovative co-electrolysis systems and integration with downstream processes.
- ✓ <u>TC4-01</u>: Stationary **fuel cells** for resilience of remote energy communities.
- Areas of interest: System integration (BoP, containerization, etc.), LCA and safety analysis.





