

ENERGETICS

ENEA - Detailed in-operando analysis of SOFC operating with bio-syngas: evaluation of the simultaneous impacts of organic and inorganic contaminants

Funded By	ENEA - Agenzia Nazionale per le Nuove Tecnologie, l'Energia e lo Sviluppo Economico Sostenibile [P.iva/CF:00985801000]
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Context of the research activity	Solid Oxide Fuel Cells Bio/syngas fuel Degradation by contaminants
Objectives	Detailed in-operando analysis of Solid Oxide Fuel Cells operating with bio-syngas: systematic evaluation of the simultaneous impacts of organic and inorganic contaminants by means of advanced electrochemical techniques and physicochemical models
Skills and competencies for the development of the activity	Solid Oxide Fuel Cells H2 processes and technologies Biogas/Syngas Experimental skills Modeling skills