

From Power to Fuels and Fuels to Power via SOEC/Syntheses/SOFC

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The ability of SOEC technology to perform co electrolysis of CO₂ and steam creates strong synergies with the subsequent catalytic conversion of the generated synthesis gas (CO + H₂) to a variety of fuels. These can in turn be used for a variety of purposes including the conversion back to power via SOFC technology.

The presentation will discuss the synergies involved in SOEC based fuel production and their suitability as feedstock for SOFC units. The main focus will be on methane, methanol and ammonia.