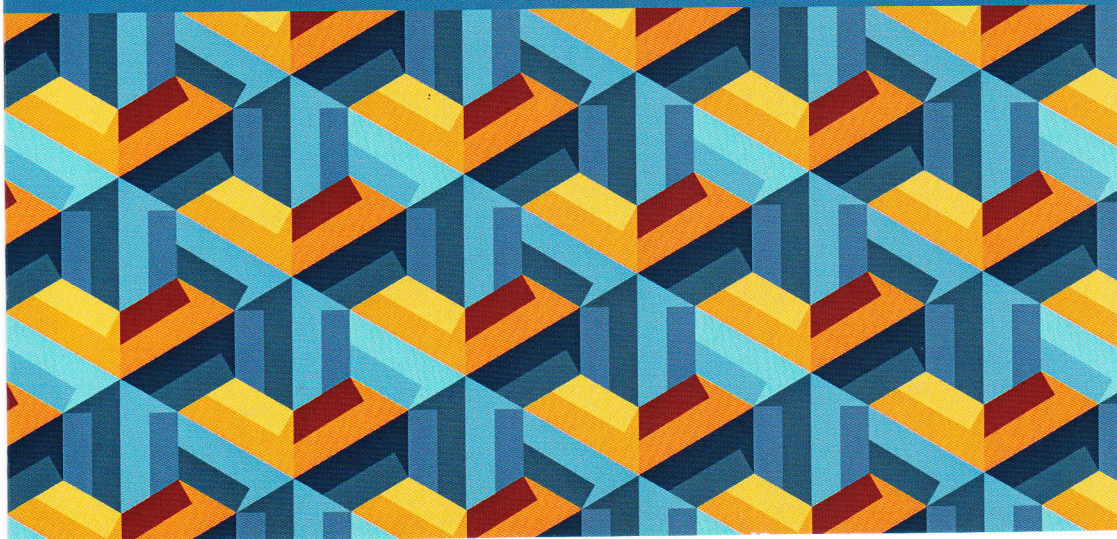


VTT

beyond
the obvious

Fuel Cells & Hydrogen

**For clean
power and
sustainable
solutions.**



Fuel Cells & Hydrogen

With world class knowhow and constantly developing research facilities our team in VTT Technical Research Centre of Finland Ltd provides reliable services and a strategic partnership for stack developers, Balance-of-Plant component developers as well as fuel cell and electrolyser system integrators.



PEMFC expertise for transport applications

- Fuel quality and fuel storage design
- Power systems for maritime, heavy-duty transport and material handling applications
- System integration and testing
- Support for system approval



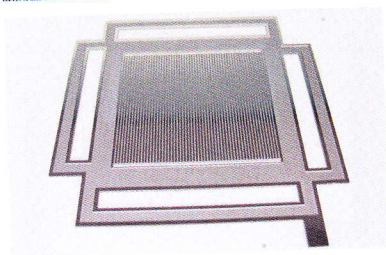
Renewable hydrogen production with next-generation electrolyzers

- Solid oxide electrolyser test platforms
- CO₂ utilisation, renewable syngas production, synthetic hydrocarbon production
- Reversible fuel cell/electrolyser systems



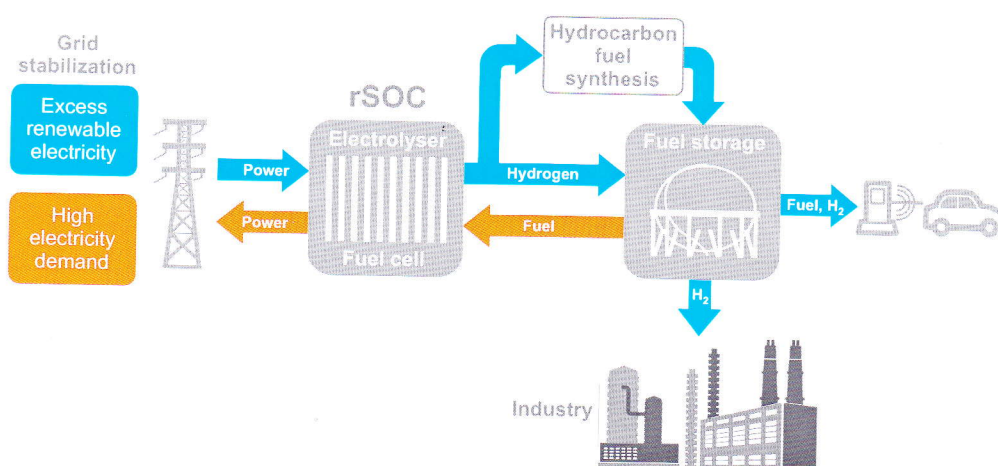
Stationary fuel cell systems & biogas for fuel cells

- Fuel cell and electrolyser systems: from ideas to prototypes
- Solutions for biogas cleaning and circular economy challenges



Better materials for fuel cells and electrolyzers

- Component development and characterization (interconnects, coatings and seals)
- Failure analysis of used components



Research funding and extensive networks

- VTT is strongly connected with international research and industry networks and can help you find partners or a suitable project consortium.
- VTT has significant experience of different international funding sources. We are here to help you obtain funding through public European funding instruments.
- Our team has participated in 34 and coordinated 11 EU-projects, with a total budget of more than 50 M€. In 2017, our hit rate in the H2020 funding call was 50%.



For more details visit:

www.vttresearch.com/fuelcells

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