

## Infoday Horizonte Europa 'Clean Hydrogen Partnership'

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Public Institution

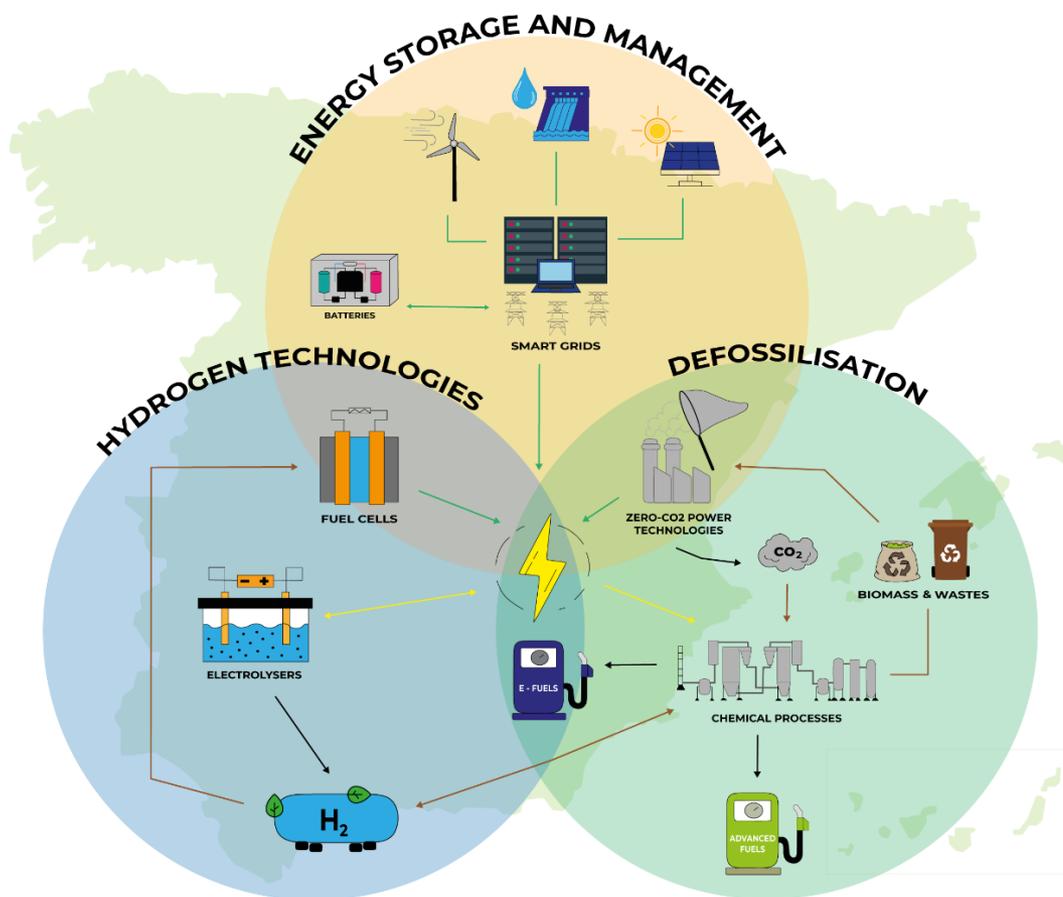
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# 1. Your organization and capacities



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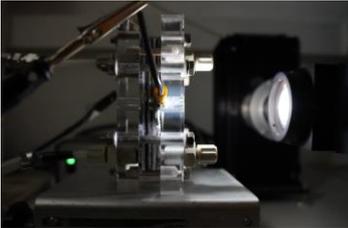
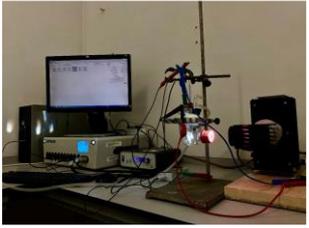


- Production of energy carriers such as **H<sub>2</sub>** and **synthetic natural gas** without CO<sub>2</sub> emissions
- Development of advanced **energy generation processes with CO<sub>2</sub> capture**
- Development of **advanced materials for energy and environmental applications**
- **Valorization of non-biodegradable waste and biomass** through advanced thermochemical processes
- Development of **electrochemical devices for energy conversion and storage**

# 2. Topics of interest in call 2026

Topic	Experience and Contribution
<p><b>HORIZON-JU-CLEANH2-2026-01-01:</b> <i>Development and validation of innovative approaches, catalysts, electrolytes and components for electrolysis technologies based on low-quality water</i></p>	<div data-bbox="749 482 1000 686"></div> <p data-bbox="780 715 942 758">ANODE CATALYST (CRM-FREE)</p> <div data-bbox="1020 501 1280 668"></div> <p data-bbox="1020 715 1290 736">CCM/CCS SPRAY-COATING</p> <div data-bbox="1302 505 1740 668"></div> <p data-bbox="1392 715 1727 736">MEAs FOR AEM ELECTROLYSER</p> <div data-bbox="809 858 1180 896"><p data-bbox="809 858 1180 896">5 kW AEM ELECTROLYSER VERSATILE EXPERIMENTAL PROTOTYPE</p></div> <div data-bbox="745 925 1280 1222"></div> <div data-bbox="1379 868 1649 889"><p data-bbox="1379 868 1649 889">ELECTROLYSIS TEST BENCH</p></div> <div data-bbox="1302 925 1754 1222"></div>

# 2. Topics of interest in call 2026

Topic	Experience and Contribution
<p><b><i>HORIZON-JU-CLEANH2-2026-01-06:</i></b> <i>Scalable and high efficiency materials and reactors for direct solar hydrogen production</i></p>	<ul style="list-style-type: none"><li>• Fabrication of functional high performance layered <b>photoelectrodes for H2 production with abundant material (CRM-Free)</b></li></ul> <div data-bbox="743 908 1091 1136"></div> <p data-bbox="768 1158 1058 1175">PHOELECTROCHEMICAL CELL</p> <div data-bbox="1112 908 1421 1136"></div> <p data-bbox="1126 1158 1396 1175">IN-LINE CHARACTERIZATION</p> <div data-bbox="1464 908 1773 1136"></div> <p data-bbox="1458 1158 1773 1175">PHOTOELECTROCHEMISTRY LAB</p>