

Development of efficient and reliable machining processes of Stack components

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1. Your organization and capacities

IDEKO

MEMBER OF BASQUE RESEARCH
& TECHNOLOGY ALLIANCE

 **GOIMEK**

 **DANOBATGROUP**

Desde lo más pequeño
hasta lo más grande

Hasta **63Tn**

Desde **10mm** Hasta **20m**

Precisión
garantizada

Por debajo
de **0,005mm**



Todo tipo de
materiales

Fundición
Aluminio
Acero
Acero inoxidable
(17-4ph, 15-5ph,
AISI 304, etc.)

Invar
Titanio
Inconel
Vespel
Peek



2. Topics of interest in call 2026

Topic	Experience and contribution
<i>HORIZON-JU-CLEANH2-2026-01-02: Cost-efficient and reliable designs towards gigawatt-scale electrolytic hydrogen production plants</i>	-Expertise in advanced mfg processes. -Great experience in European R+D projects.
<i>HORIZON-JU-CLEANH2-2026-01-03: Improved components and tools to increase the safety of electrolysers</i>	-Availability of industrial partners for use cases.

Project idea	Partners sought
<i>Development of efficient and reliable machining processes of Stack components (Bipolar and monopolar plates, compression plates...).</i>	-Electrolyzer OEM -Stack manufacturer