



Cofinanciado por
la Unión Europea

JUNTA DE EXTREMADURA

Consejería de Educación, Ciencia y Formación Profesional

SELECTION PROCESS REPORT: COMPETITION PHASE (MERITS AND CV)

1 SELECTION COMMITTEE

Secretary:	Lucía Córdón Masero
Position:	Human Resources and Quality
Entity:	FUNDECYT-PCTEX (CIIAE)
President:	David Parra Mendoza
Position:	Hydrogen and Power-to-X Department Manager
Entity:	CIIAE
Vocal:	Liliana Analía Díaz
Position:	Senior Researcher in Electrolysis
Entity:	CIIAE
Member:	Lucía Córdón Masero
Position:	Human Resources and Quality
Entity:	CIIAE
Assessment Date:	13/05/2025

2 CANDIDATES ASSESSMENT

Position REF* CIIAE-PROYECTOS: T1-ELECTRÓLISIS AEMH2 (HIDRÓGENO Y POWER-TO-X)

Candidates Identification		Assessment Factors																				Total score contest	Comments	
		A.	A.1	A.2	A.3	A.4	A.5	B.	B.1	B.2	B.3	C.	C.1	C.2	C.3	D.	E.	E.1	E.2	E.3	E.4			E.5
1	45****86D	12,00	4	2	2	2	2	12,00	5	5	2	7,00	3	2	2	5	6,00	3	0	1	0	2	42,00	Continue
2	08****60K	6,00	2	1	1	0	2	8,00	3	4	1	2,00	0	1	1	0	1,00	0	0	1	0	0	17,00	Do not continue
3	50****22T	18,00	4	5	3	4	2	11,00	4	5	2	4,00	0	2	2	0	8,00	3	1	2	0	2	41,00	Continue
4	ZV1****41	13,00	4	4	3	0	2	8,00	3	3	2	2,00	0	1	1	0	5,00	1	3	0	1	0	28,00	Do not continue
5	09****99N	13,00	4	4	3	0	2	9,00	3	4	2	5,00	3	1	1	0	3,00	1	0	0	1	1	30,00	Continue
6	49****09V	16,00	4	2	4	4	2	10,00	4	4	2	4,00	2	2	0	0	8,00	3	0	3	0	2	38,00	Continue
7	148****92	14,00	3	5	4	0	2	6,00	1	3	2	2,00	0	2	0	4	8,00	3	2	1	0	2	34,00	Continue

3 ASSESSMENT AND SCORE CRITERIA

Factors	REF* CIIAE-PROYECTOS: T1-ELECTRÓLISIS AEMH2 (HIDRÓGENO Y POWER-TO-X)	Weighing
A.	Research techniques	24
A.1.	Chemical laboratory experience (preparation of solutions, materials, etc.)	4
A.2.	Theoretical knowledge of electrochemistry: redox, batteries and electrolysis	6
A.3.	Theoretical knowledge in the areas of Chemistry, Thermodynamics and Transport Phenomena	6
A.4.	Theoretical or first-principles knowledge of surface characterisation techniques (e.g., FTIR,XPS, etc.)	4
A.5.	Managing Microsoft tools	4
B.	Key research experience	12
B.1.	Experimental protocol writing and report writing skills	5
B.2.	Assembly and operation of laboratory equipment	5
B.3.	Handling of equipment software and flexibility of learning	2
C.	Cross-cutting competences	6
C.1.	Proven participation in scholarships/collaborative stays during the development of the degree/master's degree	2
C.2.	Proven with experience the ability to work in a diverse and flexible academic environment in a team-oriented, but independent way	2
C.3.	Commitment to open science in terms of research methods, data and publications. Conference presentations, reports and/or industrial technical reports will be evaluated.	2
D.	TFG on a topic related to hydrogen/energy/materials conversion	6
E.	To be valued	12
E.1.	Some first knowledge or work experience in catalysts	3
E.2.	Some first working or learning experience in electrochemical characterisation methods for electrolyzers	3
E.3.	Previous experience with various diffraction, microscopy and spectroscopy techniques for structural and microstructural characterizations, such as X-ray diffraction, SEM, TEM, EDS, AFM, among others, will be highly valued	3
E.4.	Experience with industrial collaborations and/or previous experience working in industry	1
E.5.	Carta de motivación en 1 página (máximo 600 caracteres) incluida en la solicitud	2
		60

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Signed:	David Parra Mendoza	Signed:	Lucía Córdón Masero
Origin:	President	Origin:	Secretary
Date:	13/05/2025	Date:	13/05/2025

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Signed:	Liliana Analía Díaz	Signed:	Lucía Córdón Masero
Origin:	Member	Origin:	Member
Date:	13/05/2025	Date:	13/05/2025