



1 SELECTION COMMITTEE

1

Secretary:	Lucía Córdón Masero
Position:	Human Resources and Quality
Entity:	FUNDECYT-PCTEX (CIAE)
Presidente:	David Parra Mendoza
Position:	Hydrogen and Power-to-X Department Manager
Entity:	FUNDECYT-PCTEX
Vocal:	Blanca I. Arias Serrano
Position:	Senior Researcher in Oxide
Entity:	CIAE
Vocal:	Lucía Córdón Masero
Position:	Human Resources and Quality
Entity:	CIAE
Assessment Date:	09/01/2026

2 CANDIDATES ASSESSMENT

Position	REF ^a CIIAE-PROYECTOS: IJ-InterGamp (HIDRÓGENO Y POWER-TO-X)
----------	---

Candidates		Assessment Factors																												Total score contest		Comments
	DNI	1.	1.a	1.b	1.c	1.d	1.e	1.f	1.g	2.	2.a	3.	3.a	4.	4.a	4.b	4.c	5.	5.a	6.	6.a	7.	7.a	7.b	7.c	7.d	7.e	7.f				
1	X2****01	23.00	4.00	3.00	5.00	5.00	2.00	2.00	2.00	3.00	3.00	3.00	3.00	5.00	1.00	2.00	2.00	2.00	2.00	3.00	3.00	4.00	0.00	0.00	0.00	2.00	0.00	2.00	43.00	Pasa a fase Oposición		
2	F97****13	21.00	4.00	2.00	5.00	4.00	2.00	2.00	2.00	3.00	3.00	3.00	3.00	5.00	1.00	2.00	2.00	2.00	2.00	5.00	5.00	3.00	0.00	0.00	0.00	1.00	0.00	2.00	42.00	Pasa a fase Oposición		
3	16****7	20.00	4.00	2.00	4.00	4.00	2.00	2.00	2.00	3.00	3.00	3.00	3.00	5.00	1.00	2.00	2.00	2.00	2.00	4.00	4.00	3.00	1.00	0.00	0.00	0.00	0.00	2.00	40.00	Pasa a fase Oposición		

3 ASSESSMENT AND SCORE CRITERIA

Factors	REF ^a CIIAE-PROJECTOS: IJ-InterGamp (HIDRÓGENO Y POWER-TO-X)	Weighing
1.	Specific techniques (analytical, software, calculations, prototyping, etc.)	29
1.a	Excellent analytical skills and experience in theoretical and applied modeling	4
1.b	Life Cycle Analysis and Techno-Economic Analysis (experience and skills using Ecoivent , OpenLCA , Brithway , PREMISE, etc.)	7
1.c	Experience in modeling and optimization of energy systems	5
1.d	Programming experience (any language, but work can be primarily in Python and Matlab).	5
1.e	Knowledge in ASPEN type chemical process modeling	4
1.f	Knowledge of energy technologies, including renewable energy, hydrogen, flexibility technologies and Power - to -X	2
1.g	Knowledge of thermodynamics	2
2.	Participation and/or collaboration in R&D&I/business projects	3
2.a	Demonstrated participation in at least 1 R&D project	3
3.	Languages	4
3.a	Excellent oral and written skills in English	4
4.	Transversal skills	5
4.a	Commitment to open science in terms of research methods, data and publications	1
4.b	Capacidad para trabajar en un entorno académico diverso y flexible en equipo, pero también de forma independiente	2
4.c	Experience in collaborating with other colleagues from the same department, center and other institutions	2
5.	Willingness to travel and remain away from the workplace	2
5.a	The candidate may travel, both nationally and internationally, in the context of the project and conferences.	2
6.	Publications: scientific articles (in journals indexed in Web of Science and/or Scopus), theses (PhD and/or Master's), conference presentations, reports, technical reports, technical guides, etc.	5
6.a	A solid track record of publications as first and co-author is expected, as the candidate must publish in leading journals in the field. At least three publications in Scopus-indexed journals are required. Alternatively, a monograph thesis and conference publications may also be considered.	5
7.	To be valued	12
7.a	Motivation letter (maximum 2 pages) included in the application.	2
7.b	Demonstrated experience with agent-based modelling ("ABM")	2
7.c	Knowledge of power flow analysis	2
7.d	Experience with "statistical learning models and machine learning"	2
7.e	"GIS" Modeling	2
7.f	Experience with industry collaborations and/or previous experience working in industry	2
		60

Signed:	David Parra Mendoza	Signed:	Lucía Córdón Masero
Provenance:	President	Provenance:	Secretary and member
Date:	09/01/2026	Date:	09/01/2026
Signed:	Blanca I. Arias Serrano	Signed:	
Provenance:	Member	Provenance:	
Date:	09/01/2026	Date:	