

Cristina Figueroa Vargas

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Professional Summary

Industrial Civil Engineer with a minor in Energy and an MSc in Climate Change Science and Policy from the University of Bristol. Over 4 years of experience in carbon pricing, climate negotiations (UNFCCC Article 6), regulatory frameworks, and climate-related financial instruments. Proven track record in international cooperation, market-based climate policies, and project evaluation, particularly within the public sector and consultancy environments.

Key Skills

- Carbon Markets & Pricing Instruments (Cap and Trade, Article 6, CDM)
 - Climate Policy & International Negotiations (UNFCCC, ICAO, IMO)
 - Project Evaluation & Financial Feasibility
 - Earth Systems Modelling & Environmental Data Analysis
 - Operations & Logistics Management
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Work Experience

Ministry of Environment, Chile — *Carbon Pricing and Carbon Markets Coordinator*
Jul 2022 – Present

Responsibilities:

- Represent Chile in climate negotiations related to carbon markets (Article 6 and Clean Development Mechanism) under the UNFCCC.
- Coordinate the AILAC (Independent Alliance of Latin America and the Caribbean) carbon markets negotiation group.
- Oversee the legal framework development and implementation of Carbon Pricing Instruments and Carbon Markets under the Climate Change Framework Law: emissions standards, offsetting system (cap and trade – ETS), and Article 6 mechanisms.
- Serve as technical focal point for international cooperation on carbon pricing and market instruments.
- Act as Designated National Authority for Article 6.4 and the Clean Development Mechanism.

- National focal point for Article 6 of the Paris Agreement.
- Nominated expert in the ICAO Committee on Aviation Environmental Protection (CAEP) Working Group 4 (WG4) on CORSIA.
- Ministry representative in the international negotiations roundtables for the maritime and aviation sectors.

Achievements:

- Drafted the Article 6 national regulatory framework.
- Signed bilateral agreements with Singapore and Switzerland.
- Developed emissions standards offset system regulation.

Implementasur & Agrospace — *Climate Change Analyst* *Aug 2021 – Jun 2022*

At Implementasur:

- Developed studies and project evaluations in areas such as green hydrogen, synthetic fuels (e-fuels), blended finance, carbon markets, and climate-related financial risks.

Achievements:

- Conducted feasibility analyses for Article 6 projects in the energy sector.
- Led feasibility study for an e-fuel plant in Magallanes, incorporating carbon markets as a financial mechanism.

At Agrospace:

- Commercial analyst responsible for market research, business model analysis, pricing strategy, and go-to-market planning for irrigation and fertilizer efficiency systems.

Education

University of Bristol, UK

MSc in Climate Change Science and Policy — 2019–2020

Thesis: “*Effects of Climate Change on Chill Hours and Growing Degree Days between 2030 and 2050 in Central Chile, and its Policy Implications*”

Universidad Adolfo Ibáñez, Chile

BSc & Professional Degree in Industrial Civil Engineering (Energy Minor) — 2014–2017

Voluntary Work

Mentor – PROVOCA Programme

AUI, NRAO (USA) & Lidera Mujer — May 2021 – Mar 2025

Mentor in the Provoca program, an initiative designed to encourage more female students to pursue STEM careers (Science, Technology, Engineering, and Mathematics). The program supports high school students in their career choices and helps undergraduate students with day-to-day challenges, including study methodologies and overcoming impostor syndrome.