

Pablo Faúndez Estévez

Personal details

Address : Leo 9011, Vitacura, Santiago, Chile
Date of birth : August 11, 1973
Marital status : Married
Nationality : Chilean
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Education

MSc in Applied Environmental Economics, Imperial College, University of London, 2005.

Forest Engineer, with a specialism in Forest Resource Management, U. de Chile, Santiago, 2001.

Bachelor in Forest Engineering, U. de Chile, Santiago, 1998.

Primary and secondary studies at Saint George's College, Santiago, 1980-1991.

Awards and distinctions

Awarded with the Shell Centenary Chevening Scholarship 2004-2005 for a MSc course in Applied Environmental Economics at Imperial College London. 2004.

Professional title awarded with Maximum Distinction by U. de Chile. 2001 (upper quintile).

Has experience in the following areas

Environmental assessments.

Evaluation and design of projects of the forest products industry (mechanical conversion).

Forest valuation.

Wind resource assessments.

Technical, financial and economic analysis of wind, gas and biomass based generation projects.

Wind farm design, construction, operation.

Environmental, electrical and mining law.

Positions

- 1998- to date : Associate consultant of Patricio Faúndez y Compañía. Ltda., a company dedicated to engineering and commercial advisory activities.
- 2005-to date : Founder, partner and General Manager of Consultora Ecoingenieros Ltda., a company dedicated to advance renewable energy projects.
- 2015-to date : Director of Eólica El Faro SpA, renewable energy generating company.

Professional activity

- 2016 Wind resource assessment and feasibility study of the windfarm project "Cerro Colorado", Agrícola Pobeña S.A.
- 2015 Feasibility study of the windfarm project "Astilleros", Patagonia Wings.
- 2013 Economic analysis of the project "Energy alternatives for the rural drinking water plants of Coquimbo Region". CAZALAC/Chilean Government.
- 2012 Environmental Impact Declaration Pacifico Wind Farm project, Ecoingenieros Ltda.
- 2008-to date Development of Pacifico Wind Farm project, Ecoingenieros Ltda.
- 2008 Development of Bellavista Wind Farm, Sociedad Agrícola Morel Ltda.
- 2007 Environmental and economic studies for Lebu Windfarm Project, Cristalerías Toro S.A.I.C.
- 2007 Pre-feasibility study of Estancia Flora Wind Farm, Cristalerías Toro S.A.I.C.
- 2006-2008 Wind resource assessment, environmental and economic analysis for Dunas de Chanco Wind Farm, Golden Coast S.A.
- 2006-2007 Wind resource assessment, environmental and economic analysis for Chanco Wind Farm, Consultora Ecoingenieros Ltda.
- 2003-2004 Consultant to Rolls-Royce Power Ventures Ltd., a supplier of power and process heat to industrial consumers.
- 2003-2004 Commercial advisor to Neuman & Esser América do Sul, manufacturer of reciprocating gas compressors.
- 2003 Definition of scope of work for the research project "Instalación de un modelo industrial integrado para la especie Álamo en la VI Región de Chile", Instituto Forestal.
- 2003 Bibliographic research and benchmarking on the Chilean sawmill sector, International Paper Latin America Ltda.
- 2002 Proposal for the utilization of the surplus biogas produced in the waste water treatment plant of El Trebal and La Farfana, Aguas Andinas.

2002	Conceptual design and economic evaluation of the project "Aserradero Naguilán, VI Región", Agrícola Naguilán.
2001	Generating costs assessment using R-R Allison 501 gas turbines, Cooperativa Eléctrica Charrúa.
2001	Conceptual design and economic evaluation of the sawmill, drymill and planing mill "Bucalemu II" VIII Region, P Faúndez y Cía. Ltda.
2000	Environmental impact study of San Francisco de Mostazal sawmill, drymill and planing mill, The Beck Group.
1999	"El Coguil" forestland valuation, P Faúndez y Cía. Ltda.
1999- 2004	Commercial Adviser to Rolls-Royce Power Engineering plc., manufacturer of aeroderivative gas turbines.
1999	Professional training in the Feasibility Study for the Sawmill and Remanufacturing Plant "San Francisco de Mostazal", P Faúndez y Cía. Ltda.

Presentations

1st Workshop of International Energy Association Bioenergy Task 31, Garderen, Netherlands (2001).

Publications

Faúndez, P. Análisis del desarrollo de la dendroenergía en Chile. Memoria Ingeniería Forestal. Universidad de Chile, 2001. 104p.

Faúndez, P. Potential costs of four short rotation silvicultural regimes used for the production of energy. In: Biomass and Bioenergy Vol. 24, Issue 4-5, pp.373-380, Elsevier Science, 2003.

Faúndez, P. A model to explain investment decisions in renewable energies with a case study for the Chilean wind energy industry. MSc thesis, Imperial College, London University, 2005.

Faúndez, P. Renewable energy in a market-based economy: How to estimate its potential and choose the right incentives. In: Renewable Energy Vol. 33, Issue 8, pp. 1768-1774. Elsevier Science, 2008.

Faundez, P. Renewable energy in the equilibrium mix of electricity supply sources. In: Energy Economics 67, Sept, pp 28-34. Elsevier Science, 2017.

Languages

Spanish (native speaker).

English (fluent, TOEFL 633, IELTS 7.5).

Assistance to seminars and courses

Second meeting of investors in renewables and CDM. Organised by CORFO. Santiago, November 14-16, 2007.

Wind turbine operation and maintenance. Given by Zhejiang HeWind Co., Ltd. Yueqing, China, September 27- October 1, 2007.

Windfarm performance and micrositing. Given by Comisión Nacional de Energía / Deutsche Gesellschaft für Technische Zusammenarbeit GmbH . Santiago, December 5, 2006.

Climate Change. Organised by U.K. Embassy / Pro-Chile / Corfo / Conama. Santiago, March 21, 2006.

Wind monitoring. Organised by Comisión Nacional de Energía / Deutsche Gesellschaft für Technische Zusammenarbeit GmbH . Santiago, January 30-31, 2006.

Software packages

MS Office (Advanced).

Autodesk AutoCad (Software for the assistance to design process).

Microfit (Software for econometric analysis).

Windographer (Software for wind resource assessment)

RISOE WASP (Wind map creation software)

GH Windfarmer (Wind farm optimization software)

Other abilities

Programming in Basic, Pascal, RPN, Processing