

Alejandro Egüez | CV

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Areas of expertise

- Energy economics
- Energy policy
- Environmental economics

Social competences

- Relationship builder
- Proactive attitude
- Team player

Work experience in Energy and Sustainability

Public sector (Sweden and Ecuador).....

- **Water Authority (Vattenmyndigheten)** **June 2020 - current position**
Environmental Economist *Gothenburg, Sweden*
Cost-benefit analysis of hydropower environmental projects and their effects on the energy system.
- **ARCONEL, former CONELEC** **September 2008 - August 2010**
Electricity Tariffs Analyst *Quito, Ecuador*
CONELEC (currently ARCONEL) is Ecuador's electricity sector regulatory agency. I was part of the advisory team for the cost studies concerning regulated electric utilities. I also analyzed new regulatory frameworks and contractual guidelines for the Ecuadorian wholesale market of electricity.

Consultancy projects.....

- **Anthesis Group AB** **March - May 2020**
Environmental Economist *Gothenburg, Sweden*
Environmental cost-benefit analysis of energy efficiency projects in the commercial and industrial sectors.
- **PlanJunto** **July - August 2015**
Environmental Economist *Online*
Estimation of the impact of deforestation in Ecuador's energy system.
- **ProEcuador** **May - August 2014**
Consultant *Stockholm, Sweden*
I conducted a study to identify investment opportunities for Sweden in the bioenergy sector in Ecuador.
- **Rafael Soria - Main consultant** **August 2013 - January 2014**
External consultant *Quito, Ecuador*
Based on the current studies on renewable energy and energy efficiency in Ecuador, we proposed a single (consolidated) strategy for Ecuador's Ministry of Electricity and Renewable Energy.

Internships and volunteer activities.....

- **Umeå Energy** **April - August 2018**
Research intern *Umeå, Sweden*
This research internship was part of Umeå University's Industrial Doctoral School. I gained familiarity on how a combined heat and power plant operates on a daily basis and assisted in the design of district heating prices.
- **IRENA's Renewable Energy Learning Partnership (IRELP)** **July - August 2013**
Volunteer *Online*
I collected, consolidated, and uploaded globally available renewable energy-related content to IRELP's education and training database.
- **Renewable Energy & Energy Efficiency Partnership (REEEP)** **April - June 2013**
Intern *Vienna, Austria*
I gave research support on various topics of REEEP's portfolio, including policies in developing countries, data and information news, and green growth. I also provided event management support for REEEP's activities during the Vienna Energy Forum 2013.
- **Energikontor Väst, former HUV** **November 2012 - March 2013**
Language internship *Gothenburg, Sweden*
To get familiar with the Swedish working language and environment within my field of interest, i.e., energy and sustainability, I supported different projects coordinated by Västra Götaland's energy and sustainability agency. I was involved in projects related to sustainable transport planning, energy efficiency business models, and energy efficiency contests.

Education and academic degrees

- **Ph.D. in Economics** **Umeå University**
Centre for Environmental and Resource Economics (CERE) *2014–2020*
Thesis: "Energy efficiency, district heating and waste management: Essays on environmental economics".
Opponent: Professor Patrick Söderholm, Luleå University of Technology.
- **M.Sc. in Environmental Studies and Sustainability Science (LUMES)** **Lund University**
Lund University Centre for Sustainability Studies (LUCSUS) *2010–2012*
This program gave me the necessary tools and training to understand energy and sustainability challenges from a systems perspective, a quality that has been useful in many aspects of my life.
Visit: <https://www.lumes.lu.se/about-lumes>
- **MBA, Project Management Specialization** **National Polytechnic School**
Quito, Ecuador *2008–2010*
The most significant learning I took from this program is that effective communication and coordination are vital aspects of achieving a project's objectives successfully.
- **Bachelor in Economics** **Pontifical Catholic University of Ecuador**
Quito, Ecuador *2002–2008*
My interest in energy questions started at the end of my bachelor's education when I wrote a thesis about investment determinants and power generation costs in Ecuador.

Publications in peer-reviewed journal articles

Egüez, Alejandro (2021). "Compliance with the EU Waste Hierarchy: A matter of stringency, enforcement, and time" *Journal of Environmental Management*.
<https://doi.org/10.1016/j.jenvman.2020.111672>

Broberg, Thomas; **Egüez, Alejandro**, & Kazukauskas, Andrius (2019). "Effects of energy performance certificates on investment: A quasi-natural experiment approach" *Energy Economics* (2019).
<https://doi.org/10.1016/j.eneco.2019.104480>

Broberg, Thomas & **Egüez, Alejandro** (2018) "Blame it on the owner - Ownership and energy performance of multi-dwelling buildings." *Energy Economics* 72 (May 2018): 108-119.
<https://doi.org/10.1016/j.eneco.2018.03.026>

Chavez-Rodriguez, Mauro F.; Carvajal, Pablo E.; Martinez Jaramillo, Juan E.; **Egüez, Alejandro**; et al. (2018) "Fuel saving strategies in the Andes: Long-term impacts for Peru, Colombia and Ecuador." *Energy Strategy Reviews* 20 (April 2018): 35-48. <https://doi.org/10.1016/j.esr.2017.12.011>

Conferences and workshops (speaker)

- 25th Annual Conference of the European Association of Environmental and Resource Economists (EAERE). June 23 - July 3, 2020. Online. "Compliance with the EU Waste Hierarchy: It is a matter of stringency, enforcement, and time"
- 6th World Congress of Environmental and Resource Economists (WCERE). June 25-29, 2018. University of Gothenburg. "Effects of EPC home energy audits on investment: A quasi-natural experiment approach"
- Workshop on Waste Economics. May 8, 2018. Umeå, Sweden. "Waste Kuznets Curve and the Waste Hierarchy: A comparison between waste categories"
- Swedish Association for Energy Economics (SAEE) Conference. August 23-24, 2016. Luleå University of Technology (LTU). "Ownership and energy efficiency in multi-dwelling buildings: A Swedish case study"
- Ammarnäs Winter Conferences on Environmental Economics. 2015 - 2017; 2019.
- LUMES Alumni Conferences. Lund University. 2015 & 2017.

Software

- STATA®[®], Texpad (\LaTeX), OmniGraffle, MS Office.

Languages

- **English:** Bilingual proficiency
- **Spanish:** Native proficiency (mother tongue)
- **Swedish:** Working proficiency