

ALEJANDRO RODRÍGUEZ ZÚÑIGA – CURRICULUM VITAE

Updated March, 2022

Research Assistant in the Department of Low Carbon, Basque Centre for Climate Change (BC3).

Currently working on socio-economic assessments of energy and climate change policies.

I participated in several projects related to wastewater treatment plants in small communities using natural technologies and in the design of solar PV installations.

#energy policy #sustainability #mitigation #climate change

Phone: +34 639505815 | arzatarain@hotmail.com

WORKING EXPERIENCE

Sept 2018- Currently BASQUE CENTRE FOR CLIMATE CHANGE, department of low carbon, Leioa, Spain.
Research Assistant in the Low Carbon Research Group.
Main Research Field: Energy transition, Climate Change Policy.

Feb 2018 – Aug 2018 BASQUE CENTRE FOR CLIMATE CHANGE, department of low carbon, Leioa, Spain.
Guest Researcher in the Low Carbon Research Group.
Main Research Field: Road Transport, Electric Vehicle.

Jul 2017 - Aug 2017 NIDEC ARISA, Logroño, Spain.
Intern in the quality department.

Sep 2014 - Jun 2015 TECNUN, UNIVERSITY OF NAVARRA, San Sebastian, Spain.
Student Assistant in the Renewable Energy Department.

EDUCATION

Jan 2017 IESE BUSINESS SCHOOL – UNIVERSITY OF NAVARRA, Madrid, Spain.
TECNUN-IESE Program, Business Administration and Management, General Entrepreneurship course: “Case method and business topics talks”.

2017-2018 TECNUN, UNIVERSITY OF NAVARRA, San Sebastián, Spain.
Master Degree in Industrial (Mechanical) Engineering.
Master’s thesis title: “Electrification of the public Administration vehicle fleets in the Basque Country”
Supervisor: Miguel Martínez-Iturralde, CEIT. Mikel González-Eguino, BC3.

2016-2017 TECNUN, UNIVERSITY OF NAVARRA, San Sebastián, Spain.
Bachelor Degree in Industrial (Mechanical) Engineering.

2015-2016 CZECH TECHNICAL UNIVERSITY, Prague, Czech Republic.
International exchange program.

2012-2016 TECNUN, UNIVERSITY OF NAVARRA, San Sebastian, Spain.
Bachelor Degree in Electrical Engineering.
Bachelor’s thesis title: “Analysis of the electrical impact of a green filter wastewater treatment plant”.
Supervisor: Luis Sancho, CEIT.

SOCIAL or VOLUNTEER ACTIVITIES

- Nov 2021- Currently ENERÍA SIN FRONTERAS (NGO), Madrid, Spain
Volunteer in project management.
- 2014 Summer CONFEDERACIÓN HIDROGRÁFICA DEL JÚCAR, Olba, Teruel.
Volunteer in an international work camp.
- 2011 Summer YMCA, Ontario, Canada.
Group leader in a summer camp.

LANGUAGES

Spanish: Native English: Fluent French: Basic

POLICY-ORIENTED AND CONSULTANCY WORK

- 2020 IHOBE (BASQUE GOVERNMENT), First assessment of the Basque Country's climate change strategy 2050. Start date: February 2020. End date – (ongoing).
- 2019 MINISTRY OF PUBLIC WORKS AND TRANSPORT OF SPAIN, Analysis of the economic and social impacts of the Long-term Strategy for housing refurbishment in the building sector in Spain, in the context of the PNIEC 2021-2030. Start date: November 2019. End date February 2020. [Link](#) to the report.
- MINISTRY FOR ECOLOGICAL TRANSITION OF SPAIN, Analysis of the economic and social impacts of the Spanish National Long-term Strategy 2050 (LTE). Start date: September 2019. End date November 2019. [Link](#) to the report.
- MINISTRY FOR ECOLOGICAL TRANSITION OF SPAIN, Analysis of the economic and social impacts of the National Energy and Climate Plan 2021-2030 (NECP) for the Spanish government. Start date: September 2018. End date March 2019. [Link](#) to the report.

PUBLICATIONS

- 2020 González-Eguino, Mikel; Arto, Iñaki; **Rodríguez-Zúñiga, Alejandro**; García-Muros, Xaquín; Sampedro, Jon; et al. (2020). ANALYSIS OF THE ECONOMIC AND SOCIAL IMPACTS OF THE SPANISH ENERGY AND CLIMATE PLAN 2021-2030 (NECP). FUNCAS; Madrid ISS. 163. Pgs 9-22,201-204.
https://www.funcas.es/wp-content/uploads/Migracion/Articulos/FUNCAS_PEE/163art04.pdf
- Alejandro Rodríguez-Zúñiga.** (2020). EVOLUTION OF ENERGY EFFICIENCY TARGETS IN SPAIN AND FUTURE PERSPECTIVES. ENERGY BOOKS (ENERCLUB) Nº61. ISBN 1698-3009. Pgs. 45-52.
https://www.enerclub.es/frontNotebookAction/Biblioteca/Publicaciones_Enerclub/Cuadernos/CE_61

- 2019 **Rodríguez-Zúñiga, Alejandro**; Gonzalez-Eguino Mikel; Arto, Iñaki. DECARBONISATION OF THE PUBLIC ADMINISTRATION BY THE ELECTRIFICATION OF URBAN BUSES. CASE STUDY THE CITY OF VITORIA. DYNA. November 94. (2019):632-635. DOI: <https://doi.org/10.6036/9190>

OTHER PUBLICATIONS

- 2022 Eva Alonso-Epelde, **Alejandro Rodríguez-Zuñiga**, Xaquín García-Muros, Mikel González-Eguino. (2022). ANALYSIS OF THE SOCIAL IMPACTS OF THE EUROPEAN ENERGY TAXATION DIRECTIVE REVISION IN SPAIN. ENERGY TRANSITION AND CLIMATE ACTION OBSERVATORY (OTEA). [Link](#) to the report.

Eva Alonso-Epelde, **Alejandro Rodríguez-Zuñiga**, Xaquín García-Muros, Mikel González-Eguino. (2022). MODELLING THE DIRECT SOCIOECONOMIC IMPACTS OF THE NEW ENERGY TAXATION DIRECTIVE (ETD) AND THE EXTENSION OF THE ETS ON TRANSPORT AND BUILDING SECTORS. ENERGY TRANSITION AND CLIMATE ACTION OBSERVATORY (OTEA). [Link](#) to the report.

- 2021 Cristina Monge, Mikel González-Eguino, Manuel Tomás, Xaquín García-Muros, Eva Alonso-Epelde, Iñaki Arto, **Alejandro Rodríguez-Zúñiga**. (2021) POLICY BRIEF. GREEN TAXATION AND JUST TRANSITION: ANALYSIS OF THE IMPACT OF COMPENSATORY MEASURES FOR THE CASE OF DIESEL IN SPAIN. ENERGY TRANSITION AND CLIMATE ACTION OBSERVATORY (OTEA). [Link](#) to the report.

Manuel Tomás, Xaquín García-Muros, Eva Alonso-Epelde, Iñaki Arto, **Alejandro Rodríguez-Zúñiga**, et al. (2021) GREEN TAXATION AND JUST TRANSITION: ANALYSIS OF THE IMPACT OF COMPENSATORY MEASURES FOR THE CASE OF DIESEL IN SPAIN. ENERGY TRANSITION AND CLIMATE ACTION OBSERVATORY (OTEA). [Link](#) to the report.

Alejandro Rodríguez-Zúñiga, Ana Morales, Mikel González-Eguino, Iñaki Arto. (2021) COMPARATIVE STUDY OF THE NECPS TARGETS OF THE EU-27 COUNTRIES. ENERGY TRANSITION AND CLIMATE ACTION OBSERVATORY (OTEA). [Link](#) to the report.

Alejandro Rodríguez-Zúñiga, Ana Morales, Iñaki Arto, Mikel González-Eguino. (2021) COMPARATIVE STUDY ON THE AMBITION OF SPANISH NATIONAL ENERGY AND CLIMATE PLAN (NECP). ENERGY TRANSITION AND CLIMATE ACTION OBSERVATORY (OTEA). [Link](#) to the report.

Mikel González Eguino, Dirk-jan van de Ven, Manuel Tomás, Jorge Moreno, **Alejandro Rodríguez-Zúñiga**, et al. (2021) STUDY OF NOWCASTED GREENHOUSE GAS EMISSIONS IN SPAIN 2020. ENERGY TRANSITION AND CLIMATE ACTION OBSERVATORY (OTEA). [Link](#) to the report.

Alejandro Rodríguez-Zúñiga, Dirk-jan van de Ven, Sébastien Huclin. (2021) STUDY OF NOWCASTED SHARE OF RENEWABLES IN SPAIN 2020. ENERGY TRANSITION AND CLIMATE ACTION OBSERVATORY (OTEA). [Link](#) to the report.

- 2020 Mikel González Eguino, Dirk-jan van de Ven, Manuel Tomás, Jorge Moreno, **Alejandro Rodríguez-Zúñiga**, et al. (2020) REPORT OF NOWCASTED GREENHOUSE GAS EMISSIONS IN SPAIN 2020. ENERGY TRANSITION AND CLIMATE ACTION OBSERVATORY (OTEA). [Link](#) to the report.

CONFERENCES & LECTURES

- Sept 2021 Lecturer at the Summer School “Transitions énergétiques: innovations, gouvernance et sociétés de part et d’autre des frontières” (Université de Pau et des Pays de l’Adour), Bayonne, France
- Nov 2019 Lecturer at the Poster Session of the 100xCiencia Conference (SOMMa), San Sebastián, Spain
- Oct 2019 Lecturer at the University of Navarra (University of Navarra, TECNUN), San Sebastian, Spain
- Sept 2019 Lecturer at the Workshop on Electric Vehicles (IBERDROLA), Bilbao, Spain
- Jun 2019 Lecturer at the Poster Session of the 11th Research Dialogue of the UNFCCC, United Nations Convention for Climate Change (UNFCCC), Bonn, Germany.
- Jan 2019 Lecturer at the XIV Conference of the Spanish Association for Energy Economics: energy transition, industry and employment (AEEE) A Coruña, Spain.

SCIENCE DISSEMINATION

Newspaper

1. “Acción Climática, de las palabras a los hechos”, Agenda Pública (El País) 2021 ([link](#))
2. “Caída histórica de las emisiones por el coronavirus”, Agenda Pública (El País) 2020 ([link](#))
3. “Impuestos a la aviación para acelerar la transición energética en España”, Agenda Pública (El País) 2020 ([link](#))
4. “Cuáles son los países más contaminantes y a qué se han comprometido para luchar contra el cambio climático”, Hablando en Vidrio 2020 ([link](#))

Radio

1. Radio del Principado de Asturias (Cadena Ser): https://www.ivoox.com/virus-baja-humos-audios-mp3_rf_62299374_1.html
2. Radio Euskadi, (EITB): <https://www.eitb.eus/es/radio/radio-euskadi/programas/lamecanica-del-caracol/detalle/7944158/transicion-energetica-2020-emisiones-energia-renovable/>

PROFESSIONAL AFFILIATIONS

Youth Network of the Spanish Energy Club (ENERCLUB), May 2019 -

Spanish Association for Energy Economics (AEEE), December 2018 -

International Association for Energy Economics (IEAA), December 2018 -

OTHER DUTIES

- Referee for Journals: DYNA 2019 -
- Course delegate at the School of Engineering during 3 years: 2012, 2014, 2016.