

ALEJANDRO RODRÍGUEZ ZÚÑIGA – CURRICULUM VITAE

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EDUCATION

- 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.

WORKING EXPERIENCE

- Sept 2018- **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 – **Basque Centre for Climate Change, Department of Low Carbon**, Leioa, Spain.
Aug 2018 *Guest Researcher in the Low Carbon Research Group.*
Main Research Field: Road Transport, Electric Vehicle.

Participation in research projects

MITECO III. Analysis of the economic and social impacts of the Spanish National Long-term Strategy 2050. Start date: September 2019. End date February 2020. This project was funded by the Ministry for Ecological Transition of Spain.

MITECO II. Dissemination of the Spanish National Energy and Climate Plan. Start date: March 2019. End date April 2019. This project was funded by the Ministry for Ecological Transition of Spain.

MITECO I. 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. This project was funded by the Ministry for Ecological Transition of Spain.

Publications

Rodríguez-Zúñiga, A., González-Eguino, M. y Arto, I. (2018). Descarbonización de las Administraciones públicas mediante la electrificación de los autobuses urbanos. Caso de estudio la ciudad de Vitoria. BC3 Basque Centre for Climate Change, Leioa, Spain. (To be published in DYNA).

PROFESSIONAL EXPERIENCE

2017 **Nidec Arisa**, Logroño, Spain.
Summer *Intern in the quality department.*

2014-2015 **Tecnun, University of Navarra**, San Sebastian, Spain.
Student Assistant in the Renewable Energy Department.

SOCIAL or VOLUNTEER ACTIVITIES

2014 **Júcar Hydrographic Confederation**, Olba, Teruel.
Summer *Volunteer in an international work camp.*

2011-2012 **Freelance**, Logroño, Spain.
English tutor with children.

2011 **YMCA**, Ontario, Canada.
Summer *Group leader in a summer camp.*

PROFESSIONAL AFFILIATIONS

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

CONFERENCES & LECTURES

Jul 2019 Summer School: Transformation, Adaptation and Mitigation for a 1.5 degree
Global Warming (BC3-UPV), 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.

Workshop: Forum for an informal discussion on climate change, KLIMAGUNE
(BC3), Bilbao, Spain.

Mar 2019 International Conference on Climate Change: Change the Change, (Basque
Government), San Sebastián, Spain.

Feb 2019 Workshop: How to prepare homes for the arrival of EVs by Siemens (COIB),
Bilbao, Spain.

Jan 2019 **Lecturer** at the XIV Conference of the Spanish Association for Energy Economics:
energy transition, industry and employment (AEEE) A Coruña, Spain.

Workshop on Green Growth in Bizkaia (BC3-UPV), Bilbao, Spain.

- Dec 2018 Workshop: The role of electricity grids for the integration of renewables, self-consumption and the electric vehicle (Enerclub), Madrid, Spain.
- Sep 2018 Workshop: Challenges in Energy Transition (Tecnun) Madrid, Spain.
- Workshop: Energy transition and employment (Enerclub), Madrid, Spain.
- Jul 2018 Summer School: Climate risk and the future of international climate policy (BC3-UPV) Bilbao, Spain
- Jun 2018 Presentation of the book: Energy and Cities (Enerclub) Bilbao, Spain
- May 2018 Workshop: The Basque Country's industrial policy on electricity grids (UPV) Bilbao, Spain
- Apr 2018 Workshop: Renewable Energy and Energy Transition in Spain 2030-2050, (BC3-Enerclub), Madrid, Spain.

LANGUAGES

Spanish: Native English: Fluent French: Basic

OTHER DUTIES

Course delegate at the School of Engineering during 3 years: 2012, 2014, 2016.

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

Referee for Journals: DYNA 2019.