

# ALEJANDRO RODRÍGUEZ ZÚÑIGA – CURRICULUM VITAE

Updated June, 2021

Department of Low Carbon, Basque Centre for Climate Change (BC3)  
Sede Building 1, 1st floor, Scientific Campus of the University of the Basque Country,  
48940 Leioa, Spain; [alejandro.rodriguez@bc3research.org](mailto:alejandro.rodriguez@bc3research.org)

## **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 Sebastián, 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***

- 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.*

## ***LANGUAGES***

Spanish: Native            English: Fluent            French: Basic

## **PUBLICATIONS**

### ***ARTICLES (ISI-journals)***

- 2019    Rodríguez-Zúñiga, A., Gonzalez-Eguino, M., Arto, I. (2019). DESCARBONIZACIÓN DE LAS ADMINISTRACIONES PÚBLICAS MEDIANTE LA ELECTRIFICACIÓN DE LOS AUTOBUSES URBANOS. CASO DE ESTUDIO LA CIUDAD DE VITORIA. DYNA, 94(6). 632-635. DOI: <http://dx.doi.org/10.6036/9190>

### ***OTHER ARTICLES (Non ISI-journals)***

- 2020    Gonzalez-Eguino, M., Arto, I., Rodríguez-Zúñiga, A., et al. (2020). ANÁLISIS DE IMPACTO DEL PLAN NACIONAL INTEGRADO DE ENERGÍA Y CLIMA (PNIEC) 2021-2030 DE ESPAÑA. PAPELES DE ECONOMÍA ESPAÑOLA (FUNCAS) N°163. Pgs. 9-22. [Link](#) to the report.

Rodríguez-Zúñiga, A. (2020). EVOLUCIÓN DE LOS OBJETIVOS SOBRE EFICIENCIA ENERGÉTICA EN ESPAÑA Y PERSPECTIVAS FUTURAS, CUADERNOS DE ENERGÍA (ENERCLUB) N°61. Pgs. 45-52. [Link](#) to the report

### ***POLICY-ORIENTED AND CONSULTANCY WORK***

- 2020    IHOBE (BASQUE GOVERNMENT), Primera evaluación intermedia de la Estrategia KLIMA 2050. Start date: February 2020. End date – (ongoing).

- 2019    MINISTRY OF PUBLIC WORKS AND TRANSPORT OF SPAIN, Impacto económico de la rehabilitación energética de viviendas en España en el periodo 2021-2030. Start date: November 2019. End date February 2020. [Link](#) to the report.

MINISTRY FOR ECOLOGICAL TRANSITION OF SPAIN, Análisis de impacto económico, empleo y sobre la salud de la Estrategia de descarbonización a Largo Plazo 2050. Start date: September 2019. End date November 2019. [Link](#) to the report.

MINISTRY FOR ECOLOGICAL TRANSITION OF SPAIN, Impacto económico, de empleo, social y sobre la salud pública del Borrador del Plan Nacional Integrado de Energía y Clima 2021-2030. Start date: September 2018. End date March 2019. [Link](#) to the report.

### ***OTHER PUBLICATIONS***

2021 Alejandro Rodríguez-Zúñiga, et al. (2021) ESTUDIO COMPARATIVO SOBRE LA AMBICIÓN DEL PNIEC DE ESPAÑA. OBSERVATORIO DE LA TRANSICIÓN ENERGÉTICA Y LA ACCIÓN CLIMÁTICA (OTEA). [Link](#) to the report.

Alejandro Rodríguez-Zúñiga, et al. (2021) ESTUDIO ADELANTADO SOBRE LA CUOTA DE RENOVABLES EN ESPAÑA 2020. OBSERVATORIO DE LA TRANSICIÓN ENERGÉTICA Y LA ACCIÓN CLIMÁTICA (OTEA). [Link](#) to the report.

2020 Mikel González Eguino, Dirk-jan van de Ven, Manuel Tomás, Jorge Moreno, Alejandro Rodríguez-Zúñiga, et al. (2020) INFORME DE EMISIONES ADELANTADAS DE GASES DE EFECTO INVERNADERO EN ESPAÑA 2020. OBSERVATORIO DE LA TRANSICIÓN ENERGÉTICA Y LA ACCIÓN CLIMÁTICA (OTEA). [Link](#) to the report.

### ***CONFERENCES & LECTURES***

Nov 2019 Lecturer at the Poster Session of the 100xCiencia Conference (SOMMa), San Sebastián, Spain

Oct 2019 Lecturer at the 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 11<sup>th</sup> 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.

### ***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 –

### ***SCIENCE DISSEMINATION***

Newspaper

AGENDA PÚBLICA:

<http://agendapublica.elpais.com/analistas/arzuniga/>

HABLANDO EN VIDRIO:

<https://hablandoenvidrio.com/cuales-son-los-paises-mas-contaminantes-compromiso-cambio-climatico/>

## Radio

RADIO ASTURIAS

[https://www.ivoox.com/virus-baja-humos-audios-mp3\\_rf\\_62299374\\_1.html](https://www.ivoox.com/virus-baja-humos-audios-mp3_rf_62299374_1.html)

EITB (LA MECÁNICA DEL CARACOL)

<https://www.eitb.eus/es/radio/radio-euskadi/programas/la-mecanica-del-caracol/detalle/7944158/transicion-energetica-2020-emisiones-energia-renovable/>

## ***OTHER DUTIES***

- Referee for Journals: DYNA 2019, 2020, 2021
- Course delegate at the School of Engineering during 3 years: 2012, 2014, 2016.