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FRANCISCO NAVARRO GÁLVEZ

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Date of birth: 29/09/1982

Nationality: Spanish

PROFESSIONAL EXPERIENCE

[09/2021–Present] Senior Consultant and Researcher – ENT Environment & Management (Vilanova i la Geltrú, Spain). Expertise in policy modelling and evaluation, input-output analysis, emissions accounting, material flow analysis, environmental tax reforms, technical reports, project proposals and scientific publications.

[01/2007–Present] Economics Lecturer – Autonomous University of Barcelona (Bellaterra, Spain). Undergraduate and postgraduate teaching, student supervision and research guidance.

[04/2019–02/2021] Public Policy Designer for Economic, Social and Environmental Sustainability – Ekona (Barcelona, Spain). ESG policies, public procurement, ex-ante/ex-post evaluations and public innovation projects.

[07/2017–02/2019] Local Economic Development Technician – Catalan Employment Service (SOC). Evaluation and planning of local development strategies and employment policies.

[05/2016–07/2017] Policy Evaluation Coordinator – CAF Development Bank of Latin America (Caracas, Venezuela). Management of socioeconomic studies and policy evaluations.

[01/2007–03/2008] Researcher in Applied Economics and Environment – UAB. Environmental accounts and emissions accounting for Catalonia.

EDUCATION

PhD in Applied Economics, Autonomous University of Barcelona (2008–2012)

Research Master in Applied Economics, Autonomous University of Barcelona (2008–2009)

Diploma of Advanced Studies, Autonomous University of Barcelona (2009)

Degree in Economics, Autonomous University of Barcelona (1999–2003)

Diploma in Business Studies, Autonomous University of Barcelona (1999–2002)

LANGUAGES

Catalan: Native

Spanish: Native

English: B2 Listening/Speaking, C1 Reading/Writing

PUBLICATIONS

Navarro, F., Campos Rodrigues, L., Nohales, G., Stinavage, M., Giavini, M., & Puig-Ventosa, I. (2026). Drivers of kitchen waste collection performance: A statistical analysis across Catalan and Italian municipalities. Journal of Environmental Management, 410, 130054.

Campos Rodrigues, L., Navarro, F. (2026) La cadena forestal i el CLT a Catalunya: ocupació i projeccions de creixement. Catalunya forestal: 167: 21-23.

Campos Rodrigues, L., Riera-Spiegelhalder, M., Navarro, F., Mocali, R., Brandini, C., Bendoni, M., Caparrini, F., Figueiredo, R., Rangel, R., Ceresa, P., Jorda-Capdevila, D. (2026). Hybrid adaptation to urban riverine floods: a cost-benefit analysis in Vilanova i la Geltrú (Spain). Critical Insights in Climate Change, 2(1). https://doi.org/10.1080/29931495.2025.2590372

"Boom and (Deep) Crisis in the Spanish Economy: the Role of the EU in its Evolution"

Reference: Boletín de Ciencias económicas, 55, Pág. 1-56. ISSN.0870-4260.

Modelos multisectoriales input-output en el estudio de los impactos ambientales: una aplicación a la economía catalana

Reference: Doctoral thesis

“Deuda hídrica y escasez. Análisis MRIO del uso del agua en Andalucía”

Reference: Working paper No. 03. Department of Applied Economics. UAB. Research winner of the Emilio Fontela Award 2011

Las emisiones de metano (CH4) en el subsistema agroalimentario catalán: un análisis input-output alternativo

Reference: Economía Agraria y Recursos Naturales, 10(2):25-39.

“Sobre los subsistemas input-output en el análisis de emisiones contaminantes. Una aplicación a las emisiones de CH4 en Cataluña”

Reference: Working Papers. Departament d’Economia Aplicada. UAB. http://econpapers.repec.org/paper/uabwprdea/wpdea0901.htm

AWARDS

2011 Emilio Fontela Award – Sociedad Hispanoamericana de Análisis Input-Output.

2003 Degree Award – Autonomous University of Barcelona.

PROJECTS

Quantification and analysis of the timber value chain in Navarre. Gestión Ambiental de Navarra (OREKAN) | 2026.

Methodological update and harmonization of the Material Flow Accounts for the Basque Country. IHOBE | 2026.

Report on the potential for green job creation based on demand for native wood species for the construction market. Forestry Consortium of Catalonia | 2025.

Training and support in material flows and life cycle inventories. IHOBE | 2025.

Statistical analysis on the presence of heavy metals in the Besòs-Tordera Consortium's WWTPs. Besòs-Tordera Consortium | 2024 - 2025.

Analysis of material flows in the value chains of Euskadi. IHOBE | 2023 - 2024.

Design and Evaluation of an Aggregates Tax in Italy. Organisation for Economic Co-operation and Development | 2023.

LIFE BIOBEST - Guiding the mainstreaming of best biowaste recycling practices in Europe. European Commission | 2022 - 2025.

Technical assistance to AIReF for the development of the study on public spending related to urban waste management in Spain. Autoridad Independiente de Responsabilidad Fiscal (AIREF) | 2022 - 2023.

Definition of a landfill and incineration waste tax and a tax on the extraction of aggregates for the Basque Country. IHOBE | 2021 - 2022.

Technical assistance to assess the socioeconomic impact generated by the development of the Protection Plan for the Cadí - Moixeró Natural Park. Department of Environment and Housing, Government of Catalonia | 2021 - 2022.

“Singulars” project to promote the social economy and cooperative creation. Design and implementation of an ESG responsibility label for public procurement.

METHODOLOGICAL EXPERTISE

Input-output analysis, social accounting matrices, cost-benefit analysis, cost-effectiveness analysis, multicriteria analysis, econometrics, environmental accounting, public policy evaluation and economic impact assessment.

CONFERENCES AND SEMINARS (SELECTION)

2011: Topologies in Matrix Spaces and Leontief Systems – University of Santiago de Compostela.

2007: III Summer School in Public Economics – Georgia State University.

2011: European Economists for an Alternative Economic Policy in Europe Workshop – Vienna.

2011: IV Spanish Conference on Input-Output Analysis – Madrid.

2016: II Congreso Internacional de Pensamiento Económico Latinoamericano – Cochabamba.

2009: III Spanish Conference on Input-Output Analysis – Castilla-La Mancha University.