

JUAN ÁLVAREZ-VIJANDE LANDECHO

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Architect focused on regenerative systems, material intelligence, and climate-responsive design

PROFESSIONAL EXPERIENCE

MASSACHUSETTS BUILDING CONGRESS | Mass Clean Energy Center–Sponsored | Clean Energy Policy Intern

Boston, USA

Jun 2025 – Sep 2025

- Delivered strategic recommendations outlining pathways for electrification and equitable energy transition.
- Co-directed a white paper on Boston's *Building Emissions Reduction Ordinance* addressing systemic implementation challenges.
- Designed and conducted 20+ stakeholder interviews, integrating policy analysis, technical data, and GIS insights.
- Organized and supported public-facing events and stakeholder workshops to present research findings and strategic insights.

REGENESYST | Founder & Principal Architect | regenesyst.com

Madrid, Spain

Dec 2019 - Present

- Established and scaled an architectural practice, leading strategy, operations, and end-to-end project delivery.
- Led residential, commercial, and public projects from concept design through permitting, construction, and site supervision.
- Managed permitting processes, planning approvals, and coordination with public authorities.
- Directed construction phases, overseeing contractors, budgets, schedules, and on-site quality control.
- Coordinated multidisciplinary teams and consultants across all project stages.
- Integrated environmental, bioclimatic, and material strategies into project development.
- Developed architectural drawings, technical documentation, BIM/3D models, and visualizations to support design and execution.
- Conducted technical due diligence and project feasibility assessments to inform design and investment decisions.
- Prepared competition materials, presentations, and client documentation.

DHOCE ARCHITECTS + ERCIS REAL ESTATE | Design architect

Madrid, Spain

Dec 2018 - Dec 2019

- Conducted due diligence and secured municipal permits for a 27-unit residential renovation in Madrid.
- Directed design development and produced detailed technical documentation.
- Oversaw on-site construction to ensure compliance with building codes and client requirements.
- Implemented Revit-based BIM workflows as the studio's primary project delivery system.

IZASKUN CHINCHILLA ARCHITECTS | Design architect

Madrid, Spain

Aug 2018 - Sep 2018

- Managed tender processes and supplier coordination while ensuring regulatory compliance.
- Contributed to concept development and technical project documentation.
- Produced as-built drawings documenting completed construction for regulatory and archival purposes.

RAFAEL MONEO ARQUITECTO | Intern Architect

Madrid, Spain

Jun - Aug 2014 & 2015

- Supported design development through drawings, models, and research.
- Produced graphic material for publication and archival purposes, with work featured in publications and exhibited in museum settings.

JARDINES DE CAMPO | Landscape Architecture Assistant

Madrid, Spain

Sep 2012 - Nov 2013

- Produced 2D and 3D design proposals to implement landscape strategies in rainfed rural environments.
- Supported research on best practices to inform project implementation in ecological restoration and sustainable land management.

EDUCATION

HARVARD UNIVERSITY GRADUATE SCHOOL OF DESIGN | Master in Design Studies | Ecologies | Class of 2026

Cambridge, USA

Sep 2024 - Present

Regenerative architecture and systems ecology, with emphasis on material metabolism and environmental systems design.

- Interdisciplinary background in climate science, energy systems, and decarbonization.
- Applied geospatial analysis; environmental sensing and simulation; and data visualization.
- Developed climate adaptation strategies integrating design, policy, and governance frameworks.

ESCUELA POLITÉCNICA SUPERIOR (E.P.S) UNIVERSIDAD SAN PABLO-CEU

- Master of Architecture** | NAAB Accredited

Madrid, Spain

May 2018

Thesis: "Aarhus Hub Campus" Graduated with distinction | Advisor: Prof. Izaskun Chinchilla

- Bachelor of Science in Architecture**

Madrid, Spain

Jul 2016

Awarded "Talent Plus Distinction" diploma for exceptional academic and extracurricular achievements.

- Zhejiang University** | Masterplan Workshop

Hangzhou, China

Apr - Jun 2016

London, UK

Jan - Jun 2015

Architectural Association School of Architecture | Exchange Program

SKILLS

- Modelling & Fabrication:** Rhinoceros, Grasshopper, Revit, AutoCAD, V-Ray, Enscape, 3D printing, and physical model making.
- Media & Editing:** Photoshop, Premiere Pro, InDesign, Illustrator, and Microsoft Office.
- Environmental Modeling & Data:** ArcGIS Pro (GIS), ClimateStudio, Ladybug Tools, CFD simulation, LCA, and Arduino IDE.
- Construction Management & Cost Control:** Presto 22.

SELECTED EXHIBITIONS

HARVARD ART LAB <i>Atmospheric Encounters: Visualizing the Invisible</i>	Cambridge, USA Dec 2025
▪ Exhibited <i>Bee Hygrothermal Performance</i> , a real-time environmental installation.	
THE FAIRBANK CENTER FOR CHINESE STUDIES <i>Cycles: The Art of Blurring</i>	Cambridge, USA Sep 2024
▪ 1st Prize Landscape Photo Award 2024 Exhibition	
OFFICIAL INSTITUTE OF ARCHITECTS OF MADRID (COAM) <i>La Arquitectura de los Arquitectos</i>	Madrid, Spain Dec 2023
▪ Roundtable participant alongside institutional and curatorial leaders	May 2023 - Jul 2023
▪ Exhibited and featured in the exhibition catalog. <i>Makan Caleido</i> Project	
VENICE BIENNALE ARCHITETTURA Spanish Pavilion <i>UNCERTAINTY: How will we live together?</i>	Venice, Italy May 2021 - Nov 2021
▪ Exhibited thesis project <i>Aarhus Hub Campus</i>	
CONCÉNTRICO + LA FORÊT MONUMENTALE <i>More than 100 trees</i>	Rouen, France Sep 2019
▪ Finalist Competition Exhibition	
MADRID ARCHITECTURE WEEK WhiteLab Gallery <i>Aarhus Hub Campus</i>	Madrid, Spain Jun - Jul 2018
▪ Exhibited thesis project <i>Aarhus Hub Campus</i> Sponsored by Open House Madrid	
ARCHITECTURAL ASSOCIATION SCHOOL OF ARCHITECTURE <i>Timber Balcony</i>	London, UK May - Aug 2015
▪ Temporary installation: <i>Timber Balcony</i> A.A. Terrace	
ESCUELA POLITÉCNICA SUPERIOR (E.P.S) UNIVERSIDAD SAN PABLO-CEU THESIS GUIDANCE FILES	Madrid, Spain May 2018 - Present
▪ Final thesis, "Aarhus Hub Campus", included in the official compilation of exemplary projects to guide prospective students.	

PUBLICATIONS

HARVARD GRADUATE SCHOOL OF DESIGN	Cambridge, USA May 2025
▪ "Entropy in Ecosystems." <i>Translations Magazine #01. Cambridge, USA: Harvard Graduate School of Design</i> , 2025.	
ARCHITECTURAL ASSOCIATION SCHOOL OF ARCHITECTURE	London, UK Aug 2015 Feb 2015
▪ "Timber Balcony." A.A. Prospectus 2015–2016: AA Exhibition Openings. London, UK: Architectural Association School of Architecture, 2015.	
▪ "Covent Garden Analysis Project." A.A. Visiting School Publication. London, UK: Architectural Association School of Architecture, 2015	
OFFICIAL INSTITUTE OF ARCHITECTS OF MADRID (COAM) <i>La Arquitectura de los Arquitectos</i>	Madrid, Spain May 2023 - Jul 2023
▪ "Makan Caleido" project included in the official exhibition catalogue.	

PRESS

Eco-Glamping Regenesyst Architects Project	Málaga, Spain
▪ Mayte Cortés "Green light for an 'eco-glamping' project in Rincón de la Victoria" Málaga Hoy	Jan 2022
▪ Eugenio Cabezas "Private investors plan an ecological campsite in Benagalbón" Diario Sur	Dec 2020
▪ James Warren "Green boost for Spain's Andalucía thanks to new 'eco glamping' project" Theolivepress	Dec 2020
▪ Mayte Cortés "An eco-campsite for Benagalbón" Málaga Hoy	Nov 2020

ADDITIONAL ACADEMIC EXPERIENCE

HARVARD UNIVERSITY GRADUATE SCHOOL OF DESIGN (GSD)	Cambridge, USA Sep 2024 - Present
▪ Workshop Instructor: delivered a workshop on wind- and buoyancy-driven airflow simulation.	
▪ Student Ambassador at the Salata Institute for Climate and Sustainability	
▪ Treasurer for Spain Club at the GSD	
▪ Lecture Series Harvard GSD- HBS: Co-organized lecture series on carbon removal in the built environment.	
ESCUELA POLITÉCNICA SUPERIOR (E.P.S) UNIVERSIDAD SAN PABLO-CEU Guest Critic	Madrid, Spain Dec 2022 May 2021
▪ Studio VII	
▪ Studio VIII	
INSTITUTE FOR ADVANCED MANAGEMENT CEU + PÉREZ-LLORCA LAW FIRM	Madrid, Spain Nov 2019
▪ Executive Program in Urban Planning Management & Land Regulation	
ZHEJIANG UNIVERSITY Masterplan Workshop Teacher Assistant	Hangzhou, China Jun 2016