

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, conducted, and synthesized 20+ stakeholder interviews, integrating policy analysis, technical data, and GIS insights to drive strategic recommendations.
- 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

- Founded and grew an architectural practice from the ground up, defining the studio's vision, brand, and operational model while personally leading strategy, business development, and end-to-end project delivery.
- Delivered residential, commercial, and public-sector projects across the full lifecycle - from concept design and feasibility through permitting, construction oversight, and client handover.
- Navigated complex permitting and planning approval processes, building trusted relationships with municipal authorities to secure timely project approvals. Ran construction phases hands-on, directly managing contractors, controlling budgets and schedules, and enforcing quality standards on site.
- Assembled and coordinated multidisciplinary teams of engineers, consultants, and specialists, serving as the central point of accountability across all project stages.
- Embedded environmental, bioclimatic, and material innovation into every project, positioning sustainability as a core differentiator of the practice. Produced all project deliverables personally - architectural drawings, technical documentation, BIM/3D models, and visualizations — maintaining direct control over design quality and execution.
- Led technical due diligence and feasibility assessments to de-risk projects and inform client investment decisions.
- Authored competition entries, client presentations, and pitches, winning new commissions and expanding the studio's portfolio.

DHOCE ARCHITECTS + ERCIS REAL ESTATE | Design architect

Madrid, Spain

Dec 2018 - Dec 2019

- Led regulatory due diligence and permitting strategy for a 27-unit residential renovation in Madrid.
- Oversaw design development from concept through construction, establishing quality standards for all technical deliverables.
- Managed on-site construction oversight, coordinating across contractors and consultants to ensure adherence to building codes, budget, and client specifications.
- Spearheaded the implementation of Revit-based BIM workflows as the studio's primary project delivery system

IZASKUN CHINCHILLA ARCHITECTS | Design architect

Madrid, Spain

Aug 2018 - Sep 2018

- Led tender processes and supplier negotiations while ensuring cost effectiveness and regulatory compliance.
- Partnered with leadership on concept development and technical project documentation.
- Delivered comprehensive as-built drawings documenting completed construction for regulatory and archival purposes.

RAFAEL MONEO ARQUITECTO | Intern Architect

Madrid, Spain

Jun - Aug 2014 & 2015

- Contributed to design development across multiple project phases, producing technical drawings, physical models, and design research for a Pritzker Prize-winning studio.
- Created graphic and editorial content selected for architectural publications and museum exhibitions.

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, translating ecological strategies into actionable site plans.
- 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.

- Built interdisciplinary expertise spanning climate science, energy systems, and decarbonization pathways, bridging technical and design-driven approaches to environmental challenges.
- Applied advanced geospatial analysis, environmental sensing and simulation, and data visualization to inform design and planning decisions at multiple scales.
- Developed climate adaptation strategies at the intersection of design, policy, and governance, synthesizing technical analysis with stakeholder engagement to shape implementable 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

Architectural Association School of Architecture | Exchange Program

London, UK

Jan - Jun 2015

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

PUBLICATIONS

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

PRESS

Eco-Glamping Regenesyst Architects Project	Málaga, Spain
▪ Cortés, Mayte. "Luz verde al proyecto de un 'eco-glamping' en Rincón de la Victoria." <i>Málaga Hoy</i>	Jan 2022
▪ Cabezas, Eugenio. "Private investors plan an ecological campsite in Benagalbón." <i>Diario Sur</i>	Dec 2020
▪ Warren, James. "Green boost for Spain's Andalucia thanks to new 'eco glamping' project." <i>The Olive Press</i> ,	Dec 2020
▪ Cortés, Mayte. 2020. "Un eco-camping para Benagalbón." <i>Málaga Hoy</i>	Nov 2020

ADDITIONAL ACADEMIC EXPERIENCE

HARVARD UNIVERSITY GRADUATE SCHOOL OF DESIGN (GSD)	Cambridge, USA
▪ Workshop Instructor: delivered a workshop on wind- and buoyancy-driven airflow simulation.	Sep 2024 - Present
▪ 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.	
▪ Lecturer: Salata Public Health Climate Dialogues Speakers I "From Measured Energy to Embodiment."	
ESCUELA POLITÉCNICA SUPERIOR (E.P.S) UNIVERSIDAD SAN PABLO-CEU Guest Critic	Madrid, Spain
▪ Served as external critic for Studio VII and Studio VIII	May 2021 & Dec 2022
INSTITUTE FOR ADVANCED MANAGEMENT CEU + PÉREZ-LLORCA LAW FIRM	Madrid, Spain
▪ Executive Program in Urban Planning Management & Land Regulation	Nov 2019
ZHEJIANG UNIVERSITY Masterplan Workshop Teacher Assistant	Hangzhou, China
	Jun 2016