

JUAN ÁLVAREZ-VIJANDE LANDECHO

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Architect advancing regenerative systems, material metabolism, 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-authored a white paper on *Boston's Building Emissions Reduction Ordinance* (BERDO), designing and synthesizing 20+ stakeholder interviews and integrating policy analysis, quantitative data, and GIS insights to address systemic implementation challenges and develop actionable strategies.
- Co-organized public-facing events to present research findings and policy recommendations.

REGENESYST | Founder & Principal Architect | regenesyst.com

Madrid, Spain

Dec 2019 - Present

- Founded and scaled an architectural practice, 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.
- Led permitting, regulatory coordination, and technical due diligence to inform design development, mitigate risk, guide client investment decisions, and secure approvals.
- Directed construction phases hands-on, directly managing contractors, controlling budgets and schedules, and on-site quality control.
- Assembled and coordinated multidisciplinary teams of engineers, consultants, and specialists, serving as the central point of accountability across all project stages.
- Produced all project deliverables personally — including architectural drawings, technical, legal, and financial documentation, BIM/3D models, and visualizations — maintaining direct control over design quality and execution.
- 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

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

RAFAEL MONEO ARQVITECTO | Intern Architect

Madrid, Spain

Jun - Aug 2014 & 2015

- Produced 2D drawings, 3D digital models, and physical models supporting design development across multiple project phases.
- Created graphic and editorial content selected for architectural publications and museum exhibitions.

JARDINES DE CAMPO | Landscape Architecture Assistant

Madrid, Spain

Sep 2012 - Nov 2013

- Led the studio's graphic production, developing 2D drawings and visual materials for project development and client presentations.
- Conducted research on best practices to support 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 across climate science, energy systems, and decarbonization pathways, developing climate adaptation strategies at the intersection of design, policy, and governance.
- Applied geospatial analysis, environmental sensing and simulation, and data visualization to inform low-carbon, climate-responsive design decisions across building and territorial scales.

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, One Click LCA, and Arduino IDE.
- Construction Management & Cost Control:** Presto 22.

Additional academic experience, publications, and exhibitions available upon request.