

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 ARQVITECTO | 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
Thesis: "*Aarhus Hub Campus*" Graduated with distinction | Advisor: Prof. Izaskun Chinchilla
- **Bachelor of Science in Architecture**
Awarded "Talent Plus Distinction" diploma for exceptional academic and extracurricular achievements.
- **Zhejiang University** | Masterplan Workshop
- **Architectural Association School of Architecture** | Exchange Program

Madrid, Spain

May 2018

Madrid, Spain

Jul 2016

Hangzhou, China

Apr - Jun 2016

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 | *Atmospheric Encounters: Visualizing the Invisible*

- Exhibited *Bee Hygrothermal Performance*, a real-time environmental installation.

Cambridge, USA
Dec 2025

THE FAIRBANK CENTER FOR CHINESE STUDIES | *Cycles: The Art of Blurring*

- 1st Prize | Landscape Photo Award 2024 Exhibition

Cambridge, USA
Sep 2024

OFFICIAL INSTITUTE OF ARCHITECTS OF MADRID (COAM) | *La Arquitectura de los Arquitectos*

- Roundtable participant alongside institutional and curatorial leaders
- Exhibited and featured in the exhibition catalog. | *Makan Caleido* Project

Madrid, Spain
Dec 2023
May 2023 - Jul 2023

VENICE BIENNALE ARCHITETTURA | Spanish Pavilion | *UNCERTAINTY: How will we live together?*

- Exhibited thesis project *Aarhus Hub Campus*

Venice, Italy
May 2021 - Nov 2021

CONCÉNTRICO + LA FORÊT MONUMENTALE | *More than 100 trees*

- Finalist | Competition Exhibition

Rouen, France
Sep 2019

MADRID ARCHITECTURE WEEK | WhiteLab Gallery | *Aarhus Hub Campus*

- Exhibited thesis project *Aarhus Hub Campus* | Sponsored by Open House Madrid

Madrid, Spain
Jun - Jul 2018

ARCHITECTURAL ASSOCIATION SCHOOL OF ARCHITECTURE | *Timber Balcony*

- Temporary installation: *Timber Balcony* | A.A. Terrace

London, UK
May - Aug 2015

ESCUELA POLITÉCNICA SUPERIOR (E.P.S) UNIVERSIDAD SAN PABLO-CEU | THESIS GUIDANCE FILES

- Final thesis, "*Aarhus Hub Campus*", included in the official compilation of exemplary projects to guide prospective students.

Madrid, Spain
May 2018 - Present

PUBLICATIONS

HARVARD GRADUATE SCHOOL OF DESIGN

- "*Entropy in Ecosystems.*" *Translations Magazine* #01. Cambridge, USA: Harvard Graduate School of Design, 2025.

Cambridge, USA
May 2025

ARCHITECTURAL ASSOCIATION SCHOOL OF ARCHITECTURE

- "*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

London, UK
Aug 2015
Feb 2015

OFFICIAL INSTITUTE OF ARCHITECTS OF MADRID (COAM) | *La Arquitectura de los Arquitectos*

- "*Makan Caleido*" project included in the official exhibition catalogue.

Madrid, Spain
May 2023 - Jul 2023

PRESS

Eco-Glamping | Regenesyst Architects Project

- Mayte Cortés | "*Green light for an 'eco-glamping' project in Rincón de la Victoria*" | Málaga Hoy
- Eugenio Cabezas | "*Private investors plan an ecological campsite in Benagalbón*" | Diario Sur
- James Warren | "*Green boost for Spain's Andalusia thanks to new 'eco glamping' project*" | Theolivepress
- Mayte Cortés | "*An eco-campsite for Benagalbón*" | Málaga Hoy

Málaga, Spain
Jan 2022
Dec 2020
Dec 2020
Nov 2020

ADDITIONAL ACADEMIC EXPERIENCE

HARVARD UNIVERSITY GRADUATE SCHOOL OF DESIGN (GSD)

- 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.

Cambridge, USA
Sep 2024 - Present

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

- Studio VII
- Studio VIII

Madrid, Spain
Dec 2022
May 2021

INSTITUTE FOR ADVANCED MANAGEMENT CEU + PÉREZ-LLORCA LAW FIRM

- Executive Program in Urban Planning Management & Land Regulation

Madrid, Spain
Nov 2019

ZHEJIANG UNIVERSITY | Masterplan Workshop | Teacher Assistant

Hangzhou, China
Jun 2016