



QUADRANTE  
Meta Engineering

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QUADRANTE  
IZHARIA



# Strong Power-Houses Join Together

## QUADRANTE

QUADRANTE  
Meta Engineering

QUADRANTE  
IZHARIA

QUADRANTE  
AMBCONSULT

QUADRANTE  
PROCESL

3drivers  
QUADRANTE

ECOPROGRESSO  
QUADRANTE

+ 1.300

People

+ 11.100

Projects

+ 125 M€

Revenues

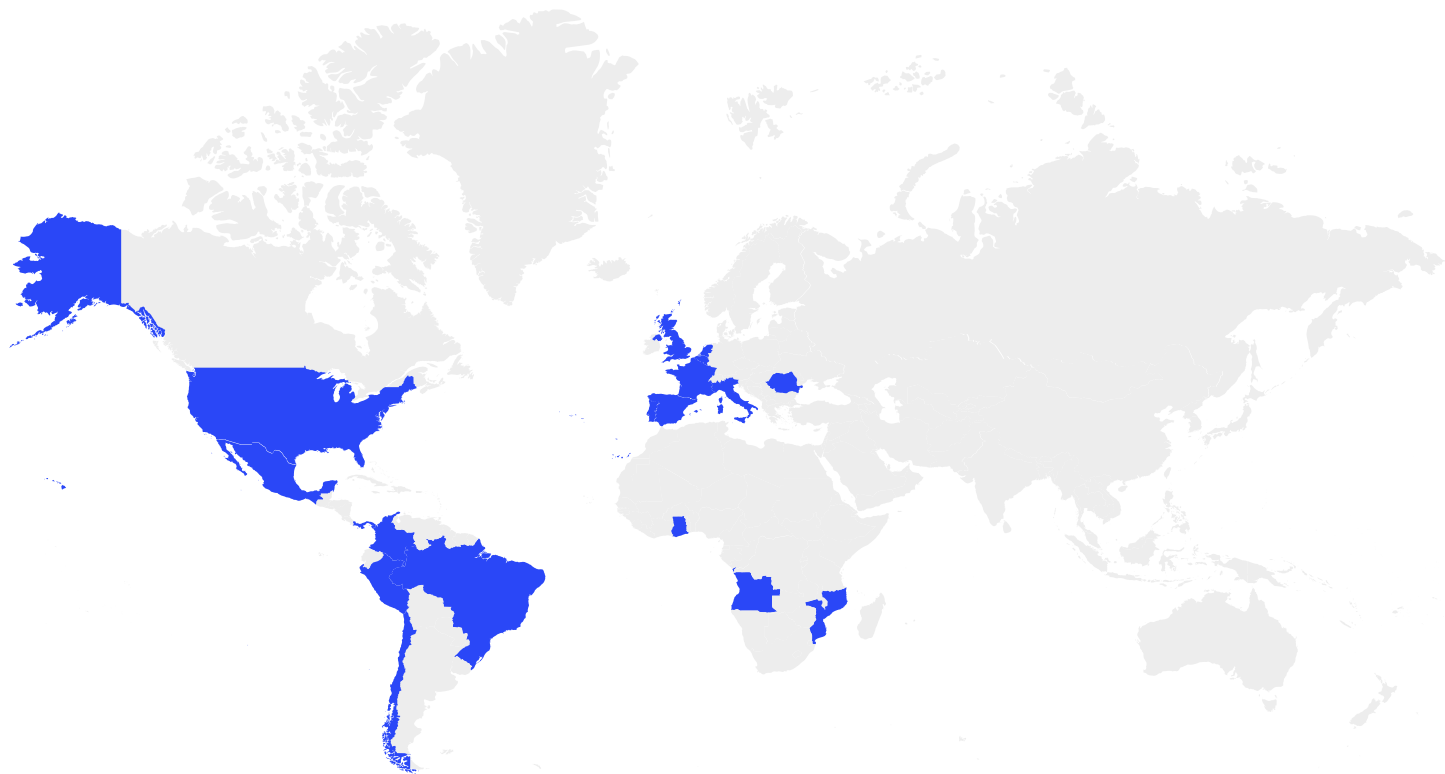
38

Offices

20

Countries

# Why Quadrante



## Offices

- Angola → Chile → France → Italy → Netherlands → Portugal → United Kingdom
- Brazil → Colombia → Ghana → Mexico → Panama → Romania → U.S.A
- Belgium → Costa Rica → Guatemala → Mozambique → Peru → Spain

With over 25 years of experience, Quadrante is a trusted Global Engineering Consultancy with a proven track record in delivering large-scale, technically complex projects across multiple sectors.

As a multinational company, we have built long-term partnerships with major clients around the world, designing cutting-edge infrastructure that meets the highest technical standards.

Our highly qualified and multidisciplinary teams work in seamless coordination, providing real-time, tailored solutions that reflect our deep understanding of client needs.

Every proposal we deliver is carefully adapted to environmental and societal constraints, ensuring both technical excellence and financial viability — always with a firm commitment to long-term sustainability and client satisfaction.

# Our Vision

## Next-Generation Data Centers – Powering Innovation with Reliability



*From Industry to Energy, from Hospitals to Airports, we have always engineered infrastructures that cannot fail.  
**Data centers are the next step.***

# Our Expertise

## Core Foundations of Our Data Centre Expertise

### Engineering Excellence



Precision-engineered systems tailored for uptime and performance powering AI-ready infrastructure.

### Local Regulations and Permissions

Full compliance with planning, zoning, and environmental permits, and extensive knowledge of local power grid.

### Sustainability

Sustainable design aligned with international standards and certifications, with the highest PUE and WUE standards

### Connected to the Industry

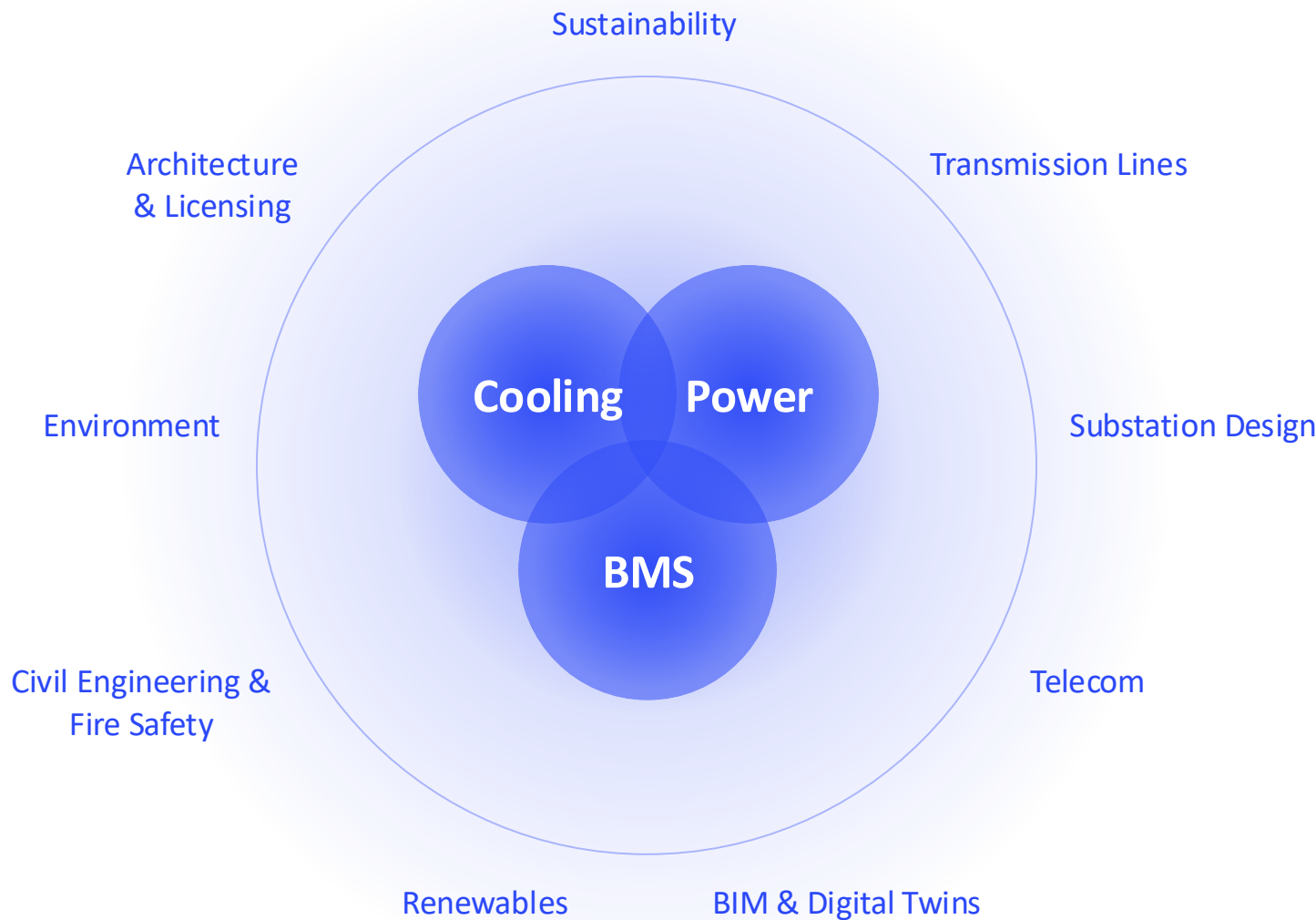


COMP4SS Group companies are members of Data Center Associations in Portugal, Spain and Brazil



# Total Design Approach for Data Centers

A one-stop shop for all Data Center-related services





# Main Clients

We establish a deep commitment with our clients, and therefore we intent to exceed their expectations in every project.



# From Vision to Execution

## Lifecycle Engineering Services - RIBA Stages

0 - 2 Feasibility & Site Selection	3 - 4 Design Preliminary & Detail Design	5 - 6 Construction & Comissioning Detailed Design	Other Services
<ul style="list-style-type: none"><li>Location risk analysis and site selection services</li></ul>	<ul style="list-style-type: none"><li>Design of Power, cooling, communications, physical security, fire safety, SCADA and other automation solutions, BMS/DCIM monitoring and control solutions.</li></ul>	<ul style="list-style-type: none"><li>Overall technical coordination and supervision</li></ul>	<ul style="list-style-type: none"><li>Cost Control</li></ul>
<ul style="list-style-type: none"><li>Technical Due Diligence</li></ul>	<ul style="list-style-type: none"><li>Uptime Institute Tier level assessment and design (I, II, III or IV)</li></ul>	<ul style="list-style-type: none"><li>Procurement and Tender services</li></ul>	<ul style="list-style-type: none"><li>Project Management</li></ul>
<ul style="list-style-type: none"><li>Masterplan and Concept Design</li></ul>	<ul style="list-style-type: none"><li>Permitting</li></ul>	<ul style="list-style-type: none"><li>Special Technical Assistance services</li></ul>	<ul style="list-style-type: none"><li>Renewable power projects</li></ul>
<ul style="list-style-type: none"><li>Assessment of Environmental Constraints</li></ul>	<ul style="list-style-type: none"><li>Computer load inventory and rack allocation studies for energy and cooling efficiency</li></ul>	<ul style="list-style-type: none"><li>Commissioning support</li></ul>	<ul style="list-style-type: none"><li>Substation and transmission lines design</li></ul>
<ul style="list-style-type: none"><li>Energy Connection feasibility</li></ul>	<ul style="list-style-type: none"><li>CFD Studies</li></ul>		<ul style="list-style-type: none"><li>Environmental Impact studies</li></ul>
	<ul style="list-style-type: none"><li>Energy sustainability and GHG emissions studies and strategy for data centers</li></ul>		<ul style="list-style-type: none"><li>Digital Twins</li></ul>
	<ul style="list-style-type: none"><li>PUE/WUE Reports</li></ul>		
	<ul style="list-style-type: none"><li>CAPEX and OPEX budgeting advice</li></ul>		





*Engineering the  
expansion of Portugal's  
largest Data Center*

**START CAMPUS SIN01 Expansion**

Date 2025  
Client Start Campus  
Country Portugal  
IT Power Confidential

RIBA Stages 3-4 | Design

RIBA Stages 5-6 | Construction Supervision & Cost Control



*Delivering cutting-edge  
enterprise solutions with  
resilient certified design*

**TIER III Data Center in Sumbe**

Date 2024-2025  
Client Logicalis  
Country Angola  
IT Power 1 MW

RIBA Stages 3-4 | Design



*Tier III certified design  
to support Madeira's  
digital future*

**Virtudes & Machico Data Centers**

Date 2025  
Client EMACOM  
Country Portugal  
IT Power 600 kW

RIBA Stages 3-4 | Design

RIBA Stages 5-6 | Construction Supervision



*Building the future of AI  
infrastructure in North  
Africa*

**Option Study for AI-ready Data  
Center in Tunisia**

Date 2025  
Client Deloitte  
Country Tunisia

RIBA Stages 0-2 | Feasibility & Site Selection





*Strengthening West  
Africa's digital backbone  
with resilient  
infrastructure*

**3 Data Centers in Dakar and Abidjan**

Date 2024  
Client GIM UEMOA  
Country Senegal  
IT Power 1 MW (each)

RIBA Stages 0-2 | Feasibility & Site Selection



*Envisioning a new hub  
of digital capacity on  
Portugal's Atlantic coast*

**Feasibility Studies for Data Centers  
in Setúbal and Palmela**

Date 2024-2025  
Client Confidential  
Country Portugal  
IT Power 100 MW

RIBA Stages 0-2 | Feasibility & Site Selection

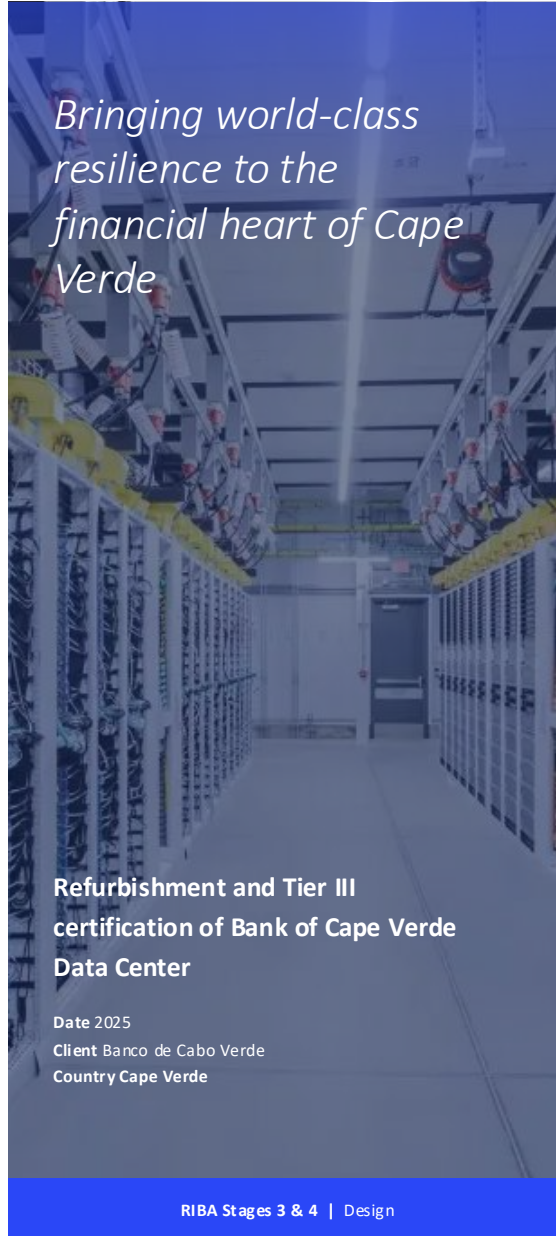


*Supporting strategic  
investment through  
technical expertise*

**Feasibility and Technical Due  
Diligence for Data Center in Oeiras**

Date 2025  
Client Digital Realty  
Country Portugal

RIBA Stages 0-2 | Feasibility & Site Selection



*Bringing world-class  
resilience to the  
financial heart of Cape  
Verde*

**Refurbishment and Tier III  
certification of Bank of Cape Verde  
Data Center**

Date 2025  
Client Banco de Cabo Verde  
Country Cape Verde

RIBA Stages 3 & 4 | Design



*Delivering sustainable  
design for state-of-the-  
art enterprise  
infrastructure*

**New AR Telecom Headquarters and  
Data Center**

Date 2023  
Client AR TELECOM  
Country Portugal

RIBA Stages 3 & 4 | Design

*Delivering the power  
backbone for one of  
Europe's largest data  
campuses*

**START CAMPUS - Electrical  
Substation**

Date 2023  
Client Siemens Energy  
Country Portugal

RIBA Stages 3 & 4 | Design

*Designing the power  
infrastructure of Chile's  
technological hub*

**Google Data Center - Electrical  
Substation**

Date 2017-2018  
Client ABB Chile  
Country Chile

RIBA Stages 3 & 4 | Design

*Powering a national  
data hub with a state-  
of-the-art substation*

**Altice Covilhã – Electrical Substation**

Date 2023  
Client EFACEC  
Country Portugal

RIBA Stages 3 & 4 | Design



# Main Team



## João Rocha

Client Manager - Global Projects - Data Centers  
[Portugal + Middle East and Africa Market](#)

Holder of a Master's Degree in Civil Engineering from FEUP, with specialization in Structures, João Rocha boasts 12 years of professional experience in Engineering and Consulting.

Throughout his professional career, he has developed Building Structure projects of various types, including museums, offices, residential buildings, hotels and industrial buildings, in various markets, including Portugal, Brazil, Angola and Switzerland. He joined the Quadrante Group in 2019 and currently serves as Head of Buildings and Urban Development for the Portuguese, Middle Eastern and African markets.



## Armando Santos

Head of Energy Business Unit  
[Portugal + Middle East and Africa Market](#)

Master's in Electrical Engineering, with a specialization in Electrical Energy Systems from ISEP, has more than 15 years of national and international experience in energy production, transportation, and distribution projects, such as photovoltaic solar plants, energy storage systems, wind farms, mini-hydro plants, substations, and transmission lines up to 500 kV, especially in Portugal, Angola, Mozambique, Algeria, Chile, among others.

Armando Santos has been linked to them since their conception phase (studies and projects), through procurement, construction, assembly, and commissioning.

At Quadrante Group since 2017 he is currently Global Partner, Head of the Energy Business Unit and Global Account Lead of the Energy Business Sector, for the Portuguese, Middle Eastern and African markets.



## Matías Ramón Arteu

Head of Data Centers Business Unit  
[Spain + LATAM](#)

Matías Ramón Arteu is a highly experienced professional with over two decades of expertise in managing complex projects within demanding and mission-critical environments. Since 2005, Matías has played a pivotal role in the development of data center projects at Schneider Electric, establishing a robust foundation in critical power infrastructure across key sectors including nuclear energy, aviation, and petrochemicals.

Matías complements his technical background in Industrial Engineering with advanced executive education such as a PDG from IESE Business School, a certified Professional Manager by INSEAD and possesses a Diploma in Marketing Management from EADA Business School.

Currently serving in dual executive capacities as Director of Data Centers at Meta Engineering and Director of Energy at Izharía (both integral companies within the Compass Group), Matías lead the development and implementation of cutting-edge solutions across the energy and data center sectors.



## Isabel López Ferrer

Head of Energy Business Sector  
[Spain + LATAM](#)

Isabel López Ferrer, an emblematic figure in the world of electrical engineering, is the Founder, Director and CEO of Izharía Ingeniería. With a solid track record and a legacy of innovation, Isabel has left an indelible mark on the sector since the company was founded in 2010.

Graduated as an Industrial Engineer specialising in electricity from the University of Oviedo, Isabel has accumulated more than 35 years of experience in management positions in leading companies in the sector. Her vast knowledge and experience comes from prominent roles in leading companies such as Duro Felguera and Red Eléctrica de España (REE). In addition to her impressive work experience, Isabel has invested in her professional development through renowned executive education programmes. She completed the Senior Management Programme (PADE) at IESE Business School, as well as the Company Directors programme, also at IESE, consolidating her ability to lead and manage with strategic vision.

With her inspirational leadership and relentless focus on excellence, Isabel López Ferrer continues to guide Izharía Ingeniería towards new horizons, positioning the company as a benchmark in the field of electrical engineering both nationally and internationally.

Her commitment to innovation and excellence is a beacon that guides the way towards a future of success and continued growth for the company and its collaborators.



A blue-tinted photograph of a server room. Two workers wearing hard hats and safety vests are standing in the center aisle, facing away from the camera and pointing towards the server racks. The room is filled with rows of server racks on both sides, and the floor is made of metal grates. The lighting is dim, with some light coming from the racks and the ceiling.

*Critical Infrastructures for a resilient future*

QUADRANTE





## QUADRANTE

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