

<p>QUADRANTE – Engenharia e Consultoria, S.A.</p> <p>Alfrapark – Estrada do Seminário, 4 Edifício C, Piso 1 Sul - Alfragide 2614-523 AMADORA Tel.: (351) 210 067 200 Fax: (351) 210 067 299 E-mail: quadrante@qd-eng.com Website: www.qd-eng.com</p>	<p>Corporation form Joint-stock company</p> <p>Registered capital 500.000 Euros</p> <p>Board of Directors - Nuno Costa, Founding Partner and CEO - João Costa, Founding Partner - Head of Buildings - Nuno Martins, Founding Partner - Head of Industry and Energy - Tiago Costa, Founding Partner - Head of Transports.</p>	<p>Permanent personnel Total: 210 Graduates: 186 Other technicians: 20 Administrative staff: 4</p> <p>Turnover (2021) 15.824.363 Euros</p>	<p>Delegations / associated companies</p> <ul style="list-style-type: none"> - Lisbon - Oporto - Algeria - Angola - Brazil - Chile - France - Ghana - Italy - Mozambique - Peru - UK - Romania 	 <p>QUADRANTE</p>
<p>Directors</p> <ul style="list-style-type: none"> - Margarida Magina, Eng. - Head of Environment / Sustainability; - André Coelho, Eng. - Head of Construction Management and Supervision; - Ana Filipa Ferraz, Eng. - Sr. Partner Environment; - Inácio Duarte, Eng. - Client Mgr. Special Buildings; - Micaela Morim, Eng. - Client Mgr. Special Projects; - João Abreu Miguel, Arch – Client Mgr. Special Buildings; - João Horta, Eng. - Client Mgr. Mining; - Ivo Melim, Eng. - Client Mgr. Ports; - Armando Santos, Eng. - Client Mgr. Energy and Industry; - Margarida Abrantes, Eng. - Client Mgr. Environment; - Carlos Gomes, Eng. - Client Mgr. Construction Management and Supervision; - Rui Santos, Arch. - Lead Arch. Buildings and Urban Development; - João Miguel Pinto, Arch. - Lead Arch.; - João Rocha, Eng. - Operation Dir. Buildings and Urban Development; - José Rolo Duarte, Eng. - Operation Dir. Transport Infrastructure; - Olivier Passos, Eng. - Operation Dir. Energy and Industry; - Paulo Rodrigues, Arch. - Global BIM Mgr.; - Duarte Nunes, Arch. - Project Mgr. Environment / Sustainability; - Carlos Dias, Eng. - Country Mgr. Algeria and France; - Pedro Tomás, Eng. - Country Mgr. Chile; - Pedro Moniz, Eng. - Country Mgr. Brazil; - Jorge Santos, Geologist - Country Mgr. Ghana and Mozambique; - Vlad Chiotan, Eng. - Country Mgr. Romania. <p>Certifications</p> <ul style="list-style-type: none"> - Certified by APCER according to standards NP EN ISO 9001:2015 and NP EN ISO 14001:2015. - Certified by RePro, powered by Achilles. - General Quality Manager Construction Contracts – Built Heritage (class 8), Comm. Routes, Urban Devel. Constrn. Work (class 8) Trademark Quality LNEC <p>Main associations</p> <ul style="list-style-type: none"> - APCC – Associação Portuguesa de Projectistas e Consultores - Comissão CT197 – Organismo de Normalização Setorial do Instituto Superior Técnico (ONS/IST) - normas BIM Nacionais  <p>Last update: 31-05-2022</p>	<p>General description</p> <p>QUADRANTE is a company of Engineering and Architecture Consultants with the purpose to partner with clients to Create and Build Sustainable, Responsible and Long-Lasting Infrastructures for a better world. Our mission – DESIGNING. DELIVERING. ADDING VALUE – is focused on the continued pursue for economically optimized and technically advanced solutions.</p> <p>Main expertise</p> <p>Project and consultant services in the fields of: Buildings, Transports, Industry and Energy, Water Utilities, Environment, Airports, Construction Management and Supervision.</p> <p>Disciplines: Architecture, Structures, Special and Industrial Structures, Geotechnics, Building Hydraulics, SCEI, High Voltage Electrics, HVAC, Roads, Railways and Ports, Hydraulics, Envr., BIM, Constrn. and Project Mgmt. and Supervision.</p> <p>Services</p> <p>We provide services throughout all project lifecycle phases: Investment Strategy, Feasibility Studies, Design, Procurement, Construction and Asset Operation.</p> <p>Significant last works</p> <ul style="list-style-type: none"> • Buildings: Braga and Vila Franca de Xira Hospitals; Mar Shopping & IKEA Loulé Store; Freeport Outlet Alcochete; Fourways Shopping Centre (South Africa); Dolce Vita La Coruña Shopping (Spain); NOS Administrative Offices; EXEO Office Campus; Cinco District and Bay View Cascais Developments; Fábrica 1921 (Lots 32 and 33); Lagoas Park Business Centre; Tróia Resort; Hotel Hilton Sal (Cape Verde); Military Museum and Masterplan Bab Al Madina in Tripoli (Libya); • Transports: Modernization of the Western Railway Line, Electrification of Algarve Line (Tunes-Lagos) (10km), Évora Norte and Elvas/Caia Railway line (84.1km); High Speed Railway between Poceirão and Caia (167km), Portugal and Lot C1: Alenquer (Ota) - Pombal (120km); Modernization of the Northern Line: Azambuja/Vale de Santarém (15km); Oporto Metro - Duplication of Line P between Custóias and Póvoa Varzim (22.5km); Lisbon Drainage Tunnels; Green and Yellow Extension lines - Lot 1 - Rato-Santos, Lot 2 - Santos-Cais do Sodré and Campo Grande Viaduct; Access to Foz Tua Dam; Mondego Bridge; Valadares, Muchalforro and Ponte Baixa Viaduct; Diace, Portuscale and Aenor Motorways (bridges and viaducts); Inspection Program and Inventory; Northern Line: Santana Cartaxo Viaduct (1300m); IPE4 / A4 – Marão Tunnel; Motorway Concessions: Pinhal Interior – (520km); Douro Interior (242km); Greater Lisbon (90km); Great Oporto (56km); Scut of Beira Litoral and Alta (168km); Costa Prata (110km); North Concession (146km) • Industry and Energy: Alqueva Substation, Divor and Pegões 400/60kV; Tavira 400/150/60kV; Biskra I 400/220kV (Algeria); Portucel Co-generation Power Plant 80MW; Pego Co-generation Power Plant 800 MW; Amareleja and Cerca 180MW Solar Plant; <p>International experience</p> <ul style="list-style-type: none"> - Brazil: Vitória and 23 de Maio BRT; Federal Highways BR-163/ MT: Trevo Largo - Rosário Oeste (108km), BR153/SP – Lot 2 (62km) and Marília Ring (34km); Duplication Federal Highway BR -163: Lot 7 – AP and PB (867 km), PE (453 km), BR-060-153-262: Lot 5 – AP and PB (1176,5 km), PE (98 km) and BR-040: Lot 9 (936,8 km); Guarulhos Airport Access Viaduct; Cafezal Viaducts; km 462 Estrada de Ferro Carajás viaduct (220m); Itaquí Port (pavement); Goiânia Shopping; Tivoli Shopping Expansion; Pantanal Shopping; Caçapava Air Logistics Centre; Costa do Saúpe Master Plan; São Paulo underground system; Portugal Consulate in Rio de Janeiro; - Algeria: Executive Project Revision of “Mascara’s Highway”; Hassi Messaoud New City – Urban Infrastructure Redevelopment Project; CET – Tipasa (300 rooms); Chelia Hotel (205 rooms); Matares – Tipasa (680 rooms); Corne D’or – Tipasa (120 rooms); Residential Complex Birkhadem; 252 Apartments in Constantine; Biskra II Substation 220/10kV (Algeria); Ghar el Bez Viaduct (305m); - Mozambique: Massinga Tribunal; Julius Nyerere 130 Building; Maputo BRT; Nacala Corridor - Moatze / Nacala Railway - 550km; Maputo Substation 400/275 kV; Zimpeto Substation 66/33/11 kV; R890: Guijá/Chókwè and R448: Chókwè/ Macarretane road rehabilitation; - USA: EFACEC New Power Transformers Factory, Savannah; - Chile: Hydroelectric System of Panqui and Tranquil; Substation GIS 110/13.8 Kv Libertadores; Substation 110/13.8kV Panquehue; ESO telescope Technical Building; Bicentennial Cable Car; - Ghana: Tamale New International Airport; Kumasi and Takoradi Central Markets; Accra/Tema Motorway concession (32km). - Ivory Coast: Bouaké Stadium; Kossihouen Landfill; - Senegal: Birkelane and Koungheou roadway (111km). - Mauritania: Kaedi - M'bout - Selibaby – Gouraye roadway (308km). - Panamá: Panamerican Highway La Chorrera/Sta. Cruz (36km). - Colombia: Central Cordillera crossing - Centenary Tunnel II: Calarca / Cajamarca (40km) - France: Rennes and Combs la Ville Residential Developments and Tours Pascal Renovation; - UK: Framework Agreement for Building and Infrastructure Engineering Services; Cardiff Central Station Lightning Improvement (Wales). - Ireland: Dublin Metro – Line LUAS B1 (7,5km) - Angola: Quileva Thermoelectric Power Plant; MAXI Stores; Viana Operational Pole; Calumbo Allotment Infrastructure; Sagrada Esperança Clinic; Luanda University Hospital; Dande substation 220/15 kV; Vitória É Certa Substation 60/15 kV; Calueque Dam. 			