

<p>AQUALOGUS – Engenharia e Ambiente, Lda.</p> <p>Rua do Mar da China 1 - Office 2.4 Parque das Nações 1990-137 LISBOA Tel.: (351) 217 520 190 Fax: (351) 217 520 199 E-mail: geral@aqualogus.com Website: www.aqualogus.com</p>	<p>Corporation form Limited liability company</p> <p>Registered capital 500.000 Euros</p> <p>Board of Directors - Pedro Sá Frias - Sérgio Correia da Costa</p> <p>Directors - Pedro Sá Frias - Sérgio Correia da Costa - Rui Lima - António Capelo - Carla Silva - Filipa Monteiro Reis - Gisela Sá Frias - Ana Quintela</p> <p>Permanent personnel Total: 84 Graduates: 68 Other technicians: 9 Administrative staff: 7</p> <p>Turnover (2022) 4.700.000 Euros</p>	
<p>Delegations / associated companies</p> <p>Associated companies</p> <ul style="list-style-type: none"> - AQUALOGUS Moçambique, Lda. - AQUALOGUS ASIA Pvt. Ltd (India) - AQUALOGUS Engenharia, Lda (Angola) 	<p>General description</p> <p>The company provides consultancy services, project management, studies and design, research and development in the fields of hydraulic works, water resources and environment.</p>	
<p>Branch offices / delegations</p> <ul style="list-style-type: none"> - Morocco - Algeria - Tunisia - Brazil - Pakistan - São Tome and Príncipe 	<p>Main expertise</p> <ul style="list-style-type: none"> - Hydropower schemes & renewable energy - Water resources planning & management - Flood control, risk mitigation & river engineering: river regulation and correction, sedimentation and erosion, flood protection and mitigation works, bridges and drainage works - Environmental assessment & monitoring - Dams: design; safety assessment, risk analysis, dam-break studies and flood waves; early warning and alert systems - Irrigation schemes - Water supply & wastewater - Geotechnical & underground works - Ecological flow regimes & connectivity - Water technologies and R&D - Water quality modelling & monitoring - Climate change & sustainable development 	
<p>Professional and business associations</p> <ul style="list-style-type: none"> - PPA – Portuguese Water Partnership (www.ppa.pt) - APPC – Portuguese Association of Engineering and Management Consultants (www.appconsultores.org.pt) - APRH – Portuguese Water Resources Association (www.aprh.pt) - APDA – Portuguese Association of Water Supply and Urban Drainage (www.apda.pt) - SPG – Portuguese Geotechnical Society (www.spgeotecnica.pt) - APAI – Portuguese Association for Impact Assessment (www.apai.org.pt) - GPBE – Portuguese Group for Structural Concrete (www.gpbe.pt) 	<p>Services</p> <ul style="list-style-type: none"> - Institutional development and sectorial planning - Environmental assessment and follow-up - Technical and economic feasibility assessments - Specialized assistance and advisory - Environmental and spatial planning studies - Construction management and supervision - Concept, tender and detailed designs - Inspection and technical due-diligence - Legal frameworks on water resources - Owner's and lender's engineering 	
<p>Certifications</p> <ul style="list-style-type: none"> - Integrated Management System, following the international standards ISO 9001 (Quality); ISO 14001 (Environment); ISO 45001 (Safety) and SA 8000 (Social Accountability) - General Quality Manager of Construction Works – LNEC's Quality Seal (www.lneq.pt) 	<p>Relevant assignments</p> <p>Water resources planning and management</p> <ul style="list-style-type: none"> - Water National Plan 2010 – Quality and Quantity (Portugal) - Flood risk cartography in Portugal - Evaluation of the Small Hydropower Potential of Tagus River Basin (Portugal), Indonesia, São Tomé and Prince Islands - Renewable Energy Plan - Hydropower (Cape Verde) - Hydrologic Studies of Maharashtra Project (India) - River Pungwe's basin flood management (Mozambique) - Rehabilitation of the hydraulic circuits of Hwange thermal power station (Zimbabwe) - Underground Water Research and Exploration Regulation Mozambique) - Large canals: Canal da Comporta (Sado Valley), Álamos-Loureiro, Alvito-Pião-Roxo and Pedrógão (Alqueva, Portugal) - Dar Khrofa and Loukkos-sector R'Mel (Morocco), Zletovica (Macedonia), Haut Delta (Senegal), Macassane and Salamanga (Mozambique) <p>Water supply, sewerage and urban drainage</p> <ul style="list-style-type: none"> - Doubling of Castelo do Bode adductor – Lisbon (Portugal) - Water Supply to Algarve Region – Intake in Pomarão - Multiple water and sewage treatment plants, pumping stations, water tanks and reservoirs - Water supply system of Tipaza from Kef Eddir dam (Algeria) - Multimunicipal systems: Lisboa and Vale do Tejo, Trás-os-Montes and Alto Douro, Raia, Zêzere and Nabão, Algarve, Mondego Superior, Zêzere and Côa, Alentejo, Ave (Portugal) - Lisbon's urban drainage plan works (Portugal) <p>River engineering</p> <ul style="list-style-type: none"> - Flood modelling in areas of significant potential risk for inundation (Portugal) - Regulation of S. João and Madalena do Mar rivers (Madeira island), drainage and river regulation of Caxito, Bero, Curuoca and Giraúl rivers and desilting works of Malange river (Angola) - Flood protection studies of Pombal, Sintra, Cascais and Odivelas urban areas (Portugal), Daka river (Ghana), Tawi river (India) - Hydrodynamic studies of Entre-os-Rios new bridge (Portugal), Wouri river, in Douala (Republic of Cameroon) <p>Environmental assessment and follow-up</p> <ul style="list-style-type: none"> - Water quality modelling in eight reservoirs in Ceará and Pernambuco states (Brazil) - Ecological flow determination for the Cávado-Homem-Rabagão scheme's dams (Portugal) - ESIA and EEA of multiple hydropower and irrigation schemes - Onsite supervision: Odelouca dam, Alto Ceira dam (Portugal), Haut Delta irrigation scheme (Ramsar site in Senegal), Ponta Delgada maritime cruises terminal (Azores, Portugal) - Habitat cartography in Natural Areas (Portugal) - Monitoring under the EU Water Framework Directive (Europe) - Bird monitoring in the Alqueva Hydraulic Scheme (Portugal) - Monitoring of the Potential Impacts of the Guadiana-Sado – Water Transfer (freshwater fish and mussels) (Portugal) - Monitoring for the Evaluation of the Effectiveness of Ecological Flow Regimes (various dams and hydrographic basins) (Portugal) - Monitoring of Ecological and Sedimentary Systems of the River Mira Estuary and the Ria Formosa (Portugal) - EIA of the Algarve Seawater Desalination Plant (Portugal) - Fish Passage devices in the rivers Mondego, Águeda, Alfusqueiro and Odeleite (Portugal) <p>Geotechnical works</p> <ul style="list-style-type: none"> - Terga's Central and Sanitary Landfill of Corso (Algeria) - River banks containments - Inspection and stabilization of roads and railway slopes - Hydraulic and road tunnels <p>Hydropower schemes and renewable energy</p> <ul style="list-style-type: none"> - Agilde, Águas Frias, Alto Ceira, Alto Tâmega, Alvito, Canedo, Calheta, Carvão-Ribeira, Daivões, Gouvinhas, Odivelas, Palhais, Padroselos, Pisão, Pereira, Roxo, Teixo, Vale do Gaio, Vilar do Monte (Portugal), Balakot, Suki Kinari, Neelum-Jhelum (Pakistan), Berua, Liziunga, Majaua, Mavonde, Massingir, Nintulo, Sembezeia, Rotanda (Mozambique), Paredão de Minas (Brazil), Ocoña (Peru), Papagaio (S. Tome and Príncipe) - PV plants: Laje, Estácio, Crato, Pedras do Mocho, Pracana (Portugal), Benzane (Mozambique) - Brava Sustainable Island Project (Cape Verde) <p>Irrigation schemes</p> <ul style="list-style-type: none"> - Lezíria Grande de Vila Franca de Xira, S. Pedro-Baleizão, Caliços-Machados, Orada-Amoreira, Cancão, Rio Grande da Pipa, Pessegueiro, Formosa, Furnazinhas, Luso, Montes de Beliche, Vacariça-Mealhada, Lezíria Tejo, Crato, Idanha-a-Nova (Portugal) - Global conception of Ardila and Pedrógão schemes (Alqueva, Portugal) <p>Infrastructures and buildings</p> <ul style="list-style-type: none"> - Bridges: Amoreira, Caboqueira, Vila Nova da Rainha, Monchique, Odelouca (Portugal) - CLOD Huambo, Fútila industrial infrastructures, expansion zone of Zango City, NossaSuper (Angola) - Alger (Algeria) and Lisbon (Portugal) metro stations - National Reproduction Centre for the Iberian Lynx (Portugal) 	
<p>International experience</p> <ul style="list-style-type: none"> - Algeria - Angola - Brazil - Cameroun - Cape Verde - Colombia - Equatorial Guinea - Ghana - Guinea - India - Indonesia - Macedonia - Malawi - Morocco - Mozambique - Nicaragua - Pakistan - Qatar - S. Tome and Príncipe - Saudi Arabia - Senegal - Peru - Tanzania - Tunisia - Zimbabwe 		