



<p><b>AQUALOGUS – Engenharia e Ambiente, Lda.</b></p> <p>Rua do Mar da China 1 - Escritório 2.4 - Parque das Nações 1990-137 LISBOA</p> <p>Tel.: (351) 217 520 190 Fax: (351) 217 520 199 E-mail: geral@aqualogus.com Website: www.aqualogus.com</p>	<p><b>Corporation form</b> Limited liability company</p> <p><b>Registered capital</b> 500.000 Euros</p> <p><b>Board of Directors</b> - Pedro Sá Frias - Sérgio Costa</p> <p><b>Directors</b> - Pedro Marques - João Almeida - Fernando Carvalho - António Capelo - Bernardo Oliveira - Bruno Adão - Carla Silva - Filipa Reis - Gisela Sá Frias - Mónica Silva - Rui Lima - Ana Quintela</p>	<p><b>Permanent personnel</b> Total: 90 Graduates: 72 Other technicians: 10 Administrative staff: 8</p> <p><b>Turnover (2023)</b> 5.100.000 Euros</p>																															
<p><b>Delegations / associated companies</b></p> <p><b>Associated companies</b> - AQUALOGUS Moçambique, Lda. - AQUALOGUS ASIA Pvt. Ltd (India) - AQUALOGUS Engenharia, Lda (Angola) - AMBIRUMO, Lda.</p> <p><b>Branch offices / delegations</b> - Morocco - Algeria - Tunisia - Brazil - Pakistan - Sao Tome and Principe</p> <p><b>Professional and business associations</b> - PPA – Portuguese Water Partnership (www.ppa.pt) - APCC – 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.spgteotecnica.pt) - APAI – Portuguese Association for Impact Assessment (www.apai.org.pt) - GPBE – Portuguese Group for Structural Concrete (www.gpbe.pt) - UNGC – United Nations Global Compact (unglobalcompact.org)</p> <p><b>Certifications</b> - 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.lnec.pt)</p>  <p><b>Last update: 06-06-2024</b></p>	<p><b>General description</b> 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><b>Main expertise</b> - Hydropower schemes &amp; renewable energy - Water resources planning &amp; management - Flood control, risk mitigation &amp; river engineering: river regulation and correction, sedimentation and erosion, flood protection and mitigation works, bridges and drainage works - Environmental assessment &amp; monitoring - Dams: design; safety assessment, risk analysis, dam-break studies and flood waves; early warning and alert systems</p> <p><b>Services</b> - 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</p> <p><b>Relevant assignments</b></p> <p><b>Water resources planning and management</b> - 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, Sao Tome 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)</p> <p><b>Dams</b> - Alto Tâmega, Amoreira, Canedo, Daiões, Ferreira, Fridão, Fagilde, Furta Galinhas, Gebelim, Gouvães, Odelouca, Olgas, Orada, Padroselos, Palhais, Penedrão, Pessegueiro, Pias, Pisão, Ribeiradio (Portugal), Balakot (Pakistan), Cova do Leão (Angola), Ituango (Colombia), Mandrara (Madagascar), Megaruma, Metuchira, Moamba-Major (Mozambique), Igli (Algeria), Saida (Tunisia) - Rehabilitation: Areia Branca (Brazil), Ouizert, Djorf Torba (Algeria) - Complementary spillways: Salamonde, Caniçada (Portugal) - Large dams safety assessment and emergency plans: Alvito, Aguilera, Apartadura, Caia, Caldeirão, Fagilde, Fronhas, Raiva, Marateca, Montargil, Odivelas, (Portugal), Lagdo (Cameroun), Lower Kopili (India), Mohmand (Pakistan), Cahora Bassa (Mozambique) - 2001 Dams Inspection Plan - 90 dams (Portugal) - Dam Safety Regulations of Mozambique and Cape Verde</p> <p><b>Geotechnical works</b> - 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> <p><b>Hydropower schemes and renewable energy</b> - Agilde, Águas Frias, Alto Ceira, Alto Tâmega, Alvito, Canedo, Calheta, Carvão-Ribeira, Daiões, Gouvães, 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> <p><b>Irrigation schemes</b> - Campina e Aravil, Caliços-Machados, Cancão, Campilhas, Crato, Furnazinhas, Idanha-a-Nova, Lezíria Grande de Vila Franca de Xira, Lucefecit-Capelins, Luso, Pessegueiro, Montes de Beliche, Orada-Amoreira, Rio Grande da Pipa, S. Pedro-Baleizão, Vacariça e Mealhada, Vale do Sorraia (Portugal)</p>	<p>- Irrigation schemes - Water supply &amp; wastewater - Geotechnical &amp; underground works - Ecological flow regimes &amp; connectivity - Water technologies and R&amp;D - Water quality modelling &amp; monitoring - Climate change &amp; sustainable development</p> <p>- Concept, tender and detailed designs - Inspection and technical due-diligence - Legal frameworks on water resources - Owner's and lender's engineering - Development of software applications and models - Research &amp; Development</p> <p>- Conception of Ardila and Pedrógão schemes (Alqueva, Portugal) - Large canals: Canal da Comporta (Sado Valley), Álamos-Loureiro, Alvito-Pisão-Roxo and Pedrógão (Alqueva, Portugal) - Dar Khrofa and Loukkos-sector R'Mel (Morocco), Zletovica (Macedonia), Haut Delta (Senegal), Macassane and Salamanga (Mozambique)</p> <p><b>Water supply, sewerage and urban drainage</b> - Doubling of Castelo de 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> <p><b>River engineering</b> - 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, Curruoca 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> <p><b>Environmental assessment and follow-up</b> - Water quality modelling in eight reservoirs in Ceará and Pernambuco states (Brazil) - Determination and Monitoring of the Effectiveness of Ecological Flow Regimes (various dams and hydrographic basins) - 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 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) - EIAs of Pumped Storage Project on Santiago Island (Cape Verde)</p> <p><b>Infrastructures and buildings</b> - Bridges: Amoreira, Cabouqueira, Vila Nova da Rainha, Monchique, Odelouca (Portugal) - CLOD Huambo, Fútila industrial infrastructures, expansion zone of Zango City, NossoSuper (Angola) - Alger (Algeria) and Lisbon (Portugal) metro stations - National Reproduction Centre for the Iberian Lynx (Portugal)</p>	<p><b>International experience</b></p> <table border="0"> <tr> <td>- Algeria</td> <td>- Equatorial Guinea</td> <td>- Madagascar</td> <td>- Peru</td> <td>- Spain</td> </tr> <tr> <td>- Angola</td> <td>- Ghana</td> <td>- Malawi</td> <td>- Qatar</td> <td>- Tanzania</td> </tr> <tr> <td>- Brazil</td> <td>- Guinea</td> <td>- Morocco</td> <td>- S. 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