



<p><b>LCW - Engenharia de Estruturas, S.A.</b></p> <p>Rua João Saraiva, 32 1700-250 LISBOA Tel.: (351) 210 106 350 Fax: (351) 210 106 351 E-mail: geral@lcwconsult.com Web site: www.lcwconsult.com</p>	<p><b>Corporation form</b> Joint-stock company</p> <p><b>Registered capital</b> 402.915 Euros</p> <p><b>Board of Directors</b> Victor Barata, Civil Eng. José Paulo Cruz, Civil Eng. Jorge Sousa Cruz, Civil Eng.</p> <p><b>Permanent personnel</b> Total: 35 Graduates: 26 Other technicians: 7 Administrative staff: 2</p> <p><b>Turnover (2015)</b> 4.171.157 Euros</p> <p><b>Main associations</b> <b>Trade associations</b></p> <ul style="list-style-type: none"> <li>• APPC – Portuguese Association of Engineering and Management Consultants</li> </ul> <p><b>Technical and scientific associations</b></p> <ul style="list-style-type: none"> <li>• IABSE- International Association for Bridge and Structural Engineering</li> <li>• FIB - Fédération Internationale du Béton</li> </ul> <ul style="list-style-type: none"> <li>• CMM - Portuguese Association of Metal and Mixed Constructions</li> <li>• SPG - Portuguese Geotechnical Society</li> <li>• ASCP – Association for Bridge Maintenance and Safety</li> </ul>	
<p><b>Delegations / associated companies</b></p> <p><i>Abroad</i></p> <p><b>Branch offices</b></p> <ul style="list-style-type: none"> <li>• Peru Calle José Gonzales 668 Miraflores – Lima – Peru E-mail: info@lcwperu.com</li> </ul> <p><b>Associated companies:</b></p> <ul style="list-style-type: none"> <li>• LCW Angola, Lda Rua Dona Antónia Saldanha, nº 87 Bairro e Município da Ingombota Luanda – Angola E-mail: geral@lcwangola.com</li> </ul>	<p><b>General description</b></p> <p>LCW Consult, S.A., is continuing the activities of engineering studies, designs and consultancy formerly performed by Lisconcebe, S.A., particularly in the areas of transport and hydraulics infrastructures, with its competencies grouped into: Structures, Communication links, Geotechnics and Hydraulics.</p> <p><b>Services</b></p> <ul style="list-style-type: none"> <li>• Engineering Studies and Designs</li> <li>• Project Revision</li> <li>• Technical Assistance</li> <li>• Consultancy</li> </ul> <p><b>Significant last works</b></p> <ul style="list-style-type: none"> <li>• <b>Bridges and Viaducts</b> <ul style="list-style-type: none"> <li>– N348 – Bridge over the Castelo do Bode dam reservoir</li> <li>– Fogueteiro rail viaduct</li> <li>– IC2 – Bridge over the Águeda river</li> <li>– M517 – Bridge over the Alcarrache stream</li> <li>– Hintze Ribeiro Bridge over the Douro river</li> <li>– N315 – Bridge over the Sabor river</li> <li>– Bridge over the Limpopo river, Mozambique</li> <li>– Third Crossing over River Tagus in Lisbon</li> <li>– A4 – Viaduct over the valley of the Corgo river</li> <li>– Viaduct at Pk29 on the Thénia-Tizi Ouzou railway, Algeria</li> <li>– Viaduct at Pk36 on the Thénia-Tizi Ouzou railway, Algeria</li> <li>– IC3 – Bridge over the Ceira river</li> </ul> </li> <li>• <b>Rehabilitation, Enlargement and Reinforcement of Existing Structures</b> <ul style="list-style-type: none"> <li>– N216 – Rehabilitation and reinforcement of Remondes Bridge over the Sabor river</li> <li>– Rehabilitation of the Ramalho Ortigão Street Viaduct, in Lisbon</li> <li>– Eiffel Bridge over the Lima river. Reinforcement of the truss deck</li> <li>– N201 – Rehabilitation and reinforcement of the Prado Bridge over the Cávado river</li> <li>– N120 – Rehabilitation and reinforcement of the Odemira Bridge over the Mira river</li> </ul> </li> <li>• <b>Special Buildings and Structures</b> <ul style="list-style-type: none"> <li>– Intermodal railway station of Cais do Sodré</li> <li>– Angola's new airport: airport facilities and control tower</li> <li>– Terreiro do Paço fluvial terminal</li> <li>– Organic Waste Processing Plant of Seixal</li> <li>– Military Justice Palace, in Luanda</li> </ul> </li> <li>• <b>Communication links</b> <ul style="list-style-type: none"> <li>– Guimarães circular connection – Fafe road</li> <li>– Access to East-West motorway, Constantine, Algeria</li> <li>– Road network of “Valles del Tuy”, Venezuela</li> <li>– Ghana Eastern Road Corridor: Theme – Asikuma</li> <li>– Metropolitan area of Sekondi – Takoradi, Ghana</li> <li>– Road stretch of Rio Lomba – Mavinga, Angola</li> <li>– Road stretch of EN160 – Rio Lomba, Angola</li> <li>– Motorway connecting Skikda Port to the East-West motorway, Algeria</li> </ul> </li> <li>• <b>Slopes and cliffs stabilisation</b> <ul style="list-style-type: none"> <li>– Rehabilitation of the Algodio beach cliffs in Ericeira</li> <li>– Rehabilitation of the Nazaré cliffs</li> </ul> </li> <li>• <b>Underground Works</b> <ul style="list-style-type: none"> <li>– Road tunnel next to Santo António Hospital, Oporto</li> <li>– Viaduct between the avenues Av. Marechal Gomes da Costa and Av. Infante D. Henrique, Lisbon</li> <li>– Red line tunnel of the Lisbon Underground: Airport connection</li> <li>– Gouvães hydroelectric development conveyance tunnel design</li> <li>– Extension C1 of the Alger underground – LOT 2 Ain Naadja – Baraki, Algeria</li> </ul> </li> <li>• <b>Water Works and Hydroelectric Developments</b> <ul style="list-style-type: none"> <li>– Permanent Technical Assistance to dams of the Group Águas de Portugal</li> <li>– Dams of Chertioua (Algeria), Chafrou (Tunisia), Béja (Tunisia), Odelouca, Serpa, Távora, São Pedro, Jannah (Lebanon), Ollombo (Rep. of Congo) and Queimada</li> <li>– HD Chemba 600MW (Mozambique), HD Mavonde 1MW (Mozambique), Songo Power Plant 30MW (Mozambique)</li> <li>– Open weirs for sediment control “Debris Flow”, in the stream of Sta. Luzia (Madeira Island)</li> </ul> </li> <li>• <b>Environmental Geotechnics</b> <ul style="list-style-type: none"> <li>– Waste treatment of Jales Mine</li> <li>– Environmental renovation including sealing of uranium discards in the Urgeiriça Mine – Old Dam (Barragem Velha)</li> <li>– Environmental Recovery of the Old Mining Areas of Argozelo, Caveira, Mondego Sul, de Aljustrel and Espinho</li> <li>– Landfills of the Hydroelectric Developments of Gouvães, Fridão and Venda Nova III</li> </ul> </li> </ul> <p><b>International experience</b></p> <p>LCW Consult has been carrying out studies and/or designs for the following countries: Algeria, Angola, Cameroon, Colombia, Congo, Ecuador, Equatorial Guinea, Ghana, Lebanon, Mexico, Morocco, Mozambique, Peru, Portugal, Romania, Tunisia and Venezuela.</p>	
 <p><b>APPC</b> PORTUGUESE ASSOCIATION OF ENGINEERING AND MANAGEMENT CONSULTANTS</p> <p>Last update: 27-12-2021</p>		