LCW Consult, S.A.

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Corporation Form

Joint-Stock Company

Registered Capital 402.915 Euros

Board of Directors

Victor Barata, Civil Eng. José Paulo Cruz Civil Eng Jorge Sousa Cruz, Civil Eng.

Permanent Personnel

Graduates: 26 Other Technicians: Administrative Staff:

Turnover (2015)

4.171.157 Euros

Main Associations Trade associations

• APPC – Portuguese Association of Engineering and Management Consultants

Technical and scientific associations

- IABSE-International Association for Bridge and Structural Engineering
- FIB Fédération Internationale du Béton

- CMM Portuguese Association of Metal and **Mixed Constructions**
- SPG Portuguese Geotechnical Society
- ASCP Association for Bridge Maintenance and



Delegations / Associated Companies

Abroad

Branch offices

Peru Calle José Gonzales 668 Miraflores - Lima - Peru E-mail: info@lcwperu.com

Associated companies:

• LCW Angola, Lda Rua Dona Antónia Saldanha, nº 87 Bairro e Município da Ingombota Luanda – Angola E-mail: geral@lcwangola.com

General Description

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.

Services

- Engineering Studies and Designs
- Project Revision
- Technical Assistance
- Consultancy

Significant Last Works

. Bridges and Viaducts

- N348 Bridge over the Castelo do Bode dam reservoir
- Fogueteiro rail viaduct
- IC2 Bridge over the Águeda river
- M517 Bridge over the Alcarrache stream
 Hintze Ribeiro Bridge over the Douro river
- N315 Bridge over the Sabor river
- Bridge over the Limpopo river, Mozambique
- Third Crossing over River Tagus in Lisbon
- A4 Viaduct over the valley of the Corgo river
 Viaduct at Pk29 on the Thénia-Tizi Ouzou railway, Algeria
- Viaduct at Pk36 on the Thénia-Tizi Ouzou railway, Algeria
- IC3 Bridge over the Ceira river

Rehabilitation, Enlargement and Reinforcement of Existing Structures

- N216 Rehabilitation and reinforcement of Remondes Bridge over the Sabor river
- Rehabilitation of the Ramalho Ortigão Street Viaduct, in Lisbon
- Eiffel Bridge over the Lima river. Reinforcement of the truss N201 - Rehabilitation and reinforcement of the Prado Bridge
- over the Cávado river N120 - Rehabilitation and reinforcement of the Odemira Bridge over the Mira river

• Special Buildings and Structures

- Intermodal railway station of Cais do Sodré
- Angola's new airport: airport facilities and control tower
- Terreiro do Paço fluvial terminal
- Organic Waste Processing Plant of Seixal
- Military Justice Palace, in Luanda

• Communication links

- Guimarães circular connection Fafe road
- Access to East-West motorway, Constantine, Algeria Road network of "Valles del Tuy", Venezuela
- Ghana Eastern Road Corridor: Theme Asikuma
- Metropolitan area of Sekondi Takoradi, Ghana
- Road stretch of Rio Lomba Mavinga, Angola Road stretch of EN160 - Rio Lomba, Angola
- Motorway connecting Skikda Port to the East-West motorway, Algeria

· Slopes and cliffs stabilisation

- Rehabilitation of the Algodio beah cliffs in Ericeira
- Rehabilitation of the Nazaré cliffs

Underground Works

- Road tunnel next to Santo António Hospital, Oporto
- Viaduct between the avenues Av. Marechal Gomes da Costa and Av. Infante D. Henrique, Lisbon
- Red line tunnel of the Lisbon Underground: Aiport connection
- Gouvães hydroelectric development conveyance tunnel
- Extension C1 of the Alger underground LOT 2 Ain Naadja -Baraki, Algeria

Water Works and Hydroelectric Developments

- Permanent Technical Assistance to dams of the Group Águas de Portugal
- Dams of Chertioua (Algeria), Chafrou (Tunisia), Béja (Tunisia), Odelouca, Serpa, Távora, São Pedro, Jannah (Lebanon), Ollombo (Rep. of Congo) and Queimada
- HD Chemba 600MW (Mozambique), HD Mavonde 1MW $\,$ (Mozambique), Songo Power Plant 30MW (Mozambique)
- Open weirs for sediment control "Debris Flow", in the stream of Sta. Luzia (Madeira Island)

Environmental Geotechnics

- Waste treatment of Jales Mine
- Environmental renovation including sealing of uranium discards in the Urgeiriça Mine – Old Dam (Barragem Velha)
- Environmental Recovery of the Old Mining Areas of Argozelo, Caveira, Mondego Sul, de Aljustrel and Espinho
- Landfills of the Hydroelectric Developments of Gouvães, Fridão and Venda Nova III

International Experience

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.



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