

Luis Marinheiro



Luis Marinheiro is an environmental engineer and has worked in both the public and private sectors of the waste management for well over 20 years.

Luis Marinheiro holds an Environmental Engineering Degree (University of Aveiro, Portugal, 1996) and a Biological Engineering Master Science (University of Minho, Portugal, 1999).

Luis Marinheiro began his professional career as an Environmental Engineer. At beginning he benefited from working in a small company representing international equipment for landfill leachate treatment and landfill gas treatment which gave him the opportunity to be involved with the day to day landfill operational activities. This practical experience together with his academic background and his wastewater industry knowledge gave him the skills and knowledge that were necessary to become technical director of one of Portugal's leading company on waste management. In that role he was responsible for general coordination, design, execution and operation of urban services (collection, transportation and transfer of solid waste) and of waste treatment and landfill projects, as well as for providing technical input to applications for master planning, environmental assessment and site permits.

In a Portuguese Polytechnic Institute he has taught undergraduate courses in waste management, wastewater microbiology, wastewater treatment and environmental management.

Working as a consultant, advisor, coordinator and technical director, Luis Marinheiro was also manager and coordinator of several projects and contracts to provide services in various environmental areas such as waste management, drainage and wastewater treatment, sustainable construction, environmental impact assessment and environmental management. Nowadays, Luis Marinheiro works as senior independent consultant on environmental engineering.

Luís Marinheiro has a very broad range of expertise and his practical experience includes, among other references:

- Technical adviser, as an invited expert on waste management by the Portuguese Environmental Ministry, on the last Portuguese Strategic Plan on Municipal Solid Waste Management;
- Technical adviser of a Portuguese company in a recent international public tender for the privatization of the waste management firm EGF, which was owned by the Portuguese Government and that controls around 60 % (sixty percent) of MSW management

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- services in Portugal;
- Technical adviser of a Brazilian private company doing a technical and economic feasibility study for the optimization of the transfer and transportation of the municipal solid waste generated in the city of Rio de Janeiro (Brazil);
 - Coordination and detailed design of some projects dedicated to the construction or retrofit of mechanical and biological treatment plants (MBT) in Portugal;
 - Senior consultant and expert on waste management in an environmental impact assessment of a MSW Waste-to-Energy in Rio de Janeiro (Brazil) (*on going*);
 - Senior consultant and expert on waste management in a Technical Due Diligence applied to several landfills in Portugal;
 - Design coordination of some landfill projects (including slope stability modelling, leachate management, landfill gas management, etc.) in Portugal, Brazil and Angola;
 - Author of articles, researches and studies on waste management, for example co-author of ISWA Roadmap for Closing Waste Dump Sites;
 - Organizer, coordinator, member of technical and scientific committees and invited speaker of National and International Congresses, Seminars, Webinars, Training Courses, Winter School and Workshops in some developed and developing countries, like USA, Colombia, Brazil, Ecuador, Portugal, Spain, Belgium, Angola, Australia, etc..

In 2010 Luis Marinheiro was elected President of the Environmental Engineering College of the Portuguese Association of Engineers and held this position until 2016.

Since 2004 he represents APESB, ISWA's Portuguese National Member, on ISWA's Landfill Working Group, where he has been an active member.

In 2014 Luis Marinheiro was elected Chair of the Working Group on Landfill of the International Solid Waste Association (ISWA). He also serves ISWA as a Vice-Chair and a member of the Board of the Scientific and Technical Committee, and as a member of the European Group.

9th of March 2017