



Vale Azevedo

Civil Engineer (Structures), graduated in 1978 from Instituto Superior Técnico (IST). Senior Research Officer at LNEC, which he joined in 1979.

His work at LNEC was developed in the Structures Department (DE) until 2007, in the Construction Quality Centre (CQC) until 2013, and in the Buildings Department (DED) until 2025.

In the Structures Department he developed mathematical models for static and dynamic analysis of structures and also carried out work in the analysis of structural behaviour, pathology, and rehabilitation.

At CQC, he focused on Construction Quality Management and on the certification of construction projects with LNEC Quality Mark.

In the Buildings Department, his activity focused on the following topics: construction economics and management; property valuation of buildings; certification and quality assessment of primary construction elements and construction systems; safety in construction works; planning and control of construction execution; construction information and management systems; management procedures for the operation and maintenance of assets; life cycle cost (LCC) analysis of buildings; cost-benefit analysis related to the implementation of different construction solutions; physical asset management; certification of construction projects with LNEC Quality Mark. He was head of the Construction Economics, Management and Technology Unit from December 2013 until February 2023, when he became Director of the Buildings Department, a position he held until his retirement in February 2025. He supervised several master's and doctoral theses. He organized and participated in numerous dissemination and training activities in Portugal and abroad, delivering courses, seminars, conferences, and lectures. The activities described resulted in the production of several hundred publications: books and book chapters; articles in national and international scientific journals; papers at national and international scientific and technical conferences; LNEC Reports; and LNEC Technical Notes.