

Graduated in Electrical Engineering from Instituto Militar de Engenharia, IME (Rio de Janeiro / RJ), Master and Doctor in Economics from Escola de Pós Graduação em Economia da Fundação Getúlio Vargas, EPGE-FGV (Rio de Janeiro / RJ). Manuel is also a member of the Fiscal Council of Fertilizantes Heringer.

In the electrical sector, he worked as a Trainee Electrical Engineer at Light SESA (1979-1980), Electrical Engineer at Instituto Militar de Engenharia, IME (1975-1980), Electrical Engineer at PROMON Engenharia (1981), Electrical Engineer at Light SESA (1981-1990 ) and Engineer in the Finance and Strategic Planning Executive Board of Light (1981-1989). Manuel was also a Member of Cemig's Fiscal Council (2016-2017), a Member of CESP's Board of Directors (2017), a Member of the Investigation Committee of Eletrobrás (2015-2017), a Member of Eneva's Fiscal Council (2015-2017), a Member of the Board of Directors of Eletropaulo (2012-2014), Alternate Member of the Board of Directors of Eletropaulo (2014-2016), Member of Coelba's Fiscal Council (2014-2016), Member of Eletrobrás's Fiscal Council (2012-2016) , Member of Cosern's Fiscal Council (2009-2011), Member of Eletropaulo's Fiscal Council (2010-2012) and Member of CESP's Fiscal Council as titular member (2013-2016) and as an alternate member (2012-2013).

