



Professor Carlo Vandecasteele is professor emeritus at the Department of Chemical Engineering, Faculty of Engineering of the University of Leuven (Belgium), where he was a full professor of environmental technology for almost 25 years. He headed the division 'Environmental Technology' (now: Process Technology for Sustainable Systems); was program director of the masters 'Chemical Technology' and 'Environmental Science and Technology' and headed the Department of Chemical Engineering. Prior to this he was researcher (finally with the grade of research director) of the National Fund of Scientific research, active at the University of Ghent, Institute for Nuclear Sciences. He holds a Ph.D. and an 'aggregaat hoger onderwijs' (Dr. Sc., habilitation) from the University of Gent, Belgium.

Carlo has special research and teaching interests in waste management, treatment and recycling. For more than 25 years waste combustion (WTE) and the treatment of the generated residues; hazardous waste; recycling and application of residues (ASR, soil

washing, ...) were major focal points of his research. Other research interests are: environmental impact assessment of industrial production processes, sites and regions; industry and sustainability; circular economy; cleaner production; industrial ecology.. Earlier research concerned membrane processes and water treatment. He authored and co-authored several books, and more than 330 international peer-reviewed journal papers, his h-index is 54. All along his career Carlo has been active in development cooperation (Burundi, Syria, Bolivia, Vietnam, Kenya, Cuba). For about 10 years he is (co)promoter of 3 subsequent projects in Cienfuegos, Cuba.

To date Carlo continues scientific and technical research and consulting (2C Ecosolutions), he is a guest professor in several universities in Europe and Latin-America, continues attending and lecturing at conferences and publishing research papers.

Carlo is president of the International Society for the Environmental and Technical Implications of Construction with Alternative Materials (ISCOWA), member of ISWA, and member of the SRI Advisory board of KBC (a European bank) Asset management and member of the External sustainability board of KBC group. He was board member of WWF (Belgium).