

Prof. Dr. Ronald Rovers

Ronald Rovers is professor Sustainable Built Environment at Zuyd University of applied sciences, Heerlen, The Netherlands, and leading the Research Institute Built environment of Tomorrow, RiBUILT. He is also director of "Sustainable Building support & consultancy", a private organization which contributes to the promotion and international development of sustainable building through study tours, research workshops, and consultancy. He was chairman and organizer of the first World conference on Sustainable Building 2000, in Maastricht, founding board member of iiSBE, the international initiative for a Sustainable Built Environment, and organizer of research and program of the third pan European ministers conference on sustainable housing. He developed international experience in several projects, one of them as Program leader Sino-Dutch co-operation on Sustainable Building, for MOC, China, 2003-2006. He is frequently invited as a international key-note speaker and honorary member of the Chinese Academy of Science and Technology, dpt.Wuxi. Main research is aimed at developing closed cycle approaches for the building sector, at building level and area level: "from Less Bad to Good". At this moment he is via several projects involved in large scale renovation of houses toward 0-energy performance. Research concentrates on 0-impact neighborhood development, with a special focus on material impacts of construction and renovation as well as on processed bamboo as construction material. He is working on a closing cycles calculation tool, by the name of MAXergy methodology (Embodied Land) and Urban Harvest + model.