

Dr. Hans Aerts graduated as bio-engineer Industrial chemistry at the Catholic University of Leuven (Belgium). Afterwards he received his PhD in Chemical Engineering working on transformation of biomaterials at the same University.

He started his carrier working for Derbigum in Belgium which is a company producing bituminous roofing membranes for waterproofing applications. From 2006 until 2018 he worked within different functions as the R&D Director Innovation. During this period, he developed sustainable alternatives for solvents to be used in bitumen cold adhesives, recycling technology for bitumen membranes and bio based roofing membranes. He was also responsible for managing the synthetic membrane production (EVA type membranes) within this company.

After 2018 he started his own consultancy company, supporting companies to develop sustainable waterproofing technologies (from synthetic membranes, liquid membranes, to bitumen membranes).

Since 2019, Dr. Hans Aerts has the role of Director Bitumen technology at BMI Group, as part of Technical Center (which is the R&D center for the BMI group) where he and his team are responsible for supporting the 16 European bitumen plants on their daily technology needs, supporting the countries in product development and long term technology development. The different R&D centers for bitumen technology are located in Heusenstamm (Germany), Groningen (Netherlands), Mondoubleau (France) and Bamberg (Germany).