

Erik Dahlquist



Erik Dahlquist has a back-ground from ASEA/ABB where he was working with product and process development 1975-2002 as project manager for development of new energy and environmental processes like cross flow membrane filtration, gasification and combustion processes. Member of the board of directors at ABB Corporate Research 1992-1995, global business manager for advanced control, optimization and simulation 1996-2002 at ABB Industrial solutions for Pulp and paper applications. Adj prof at KTH 1997-2000 and full prof at Malardalen univ in Energy engineering since 2000 (part time to 2002). Dean for the faculty of science and technology 2001-2007. Research director for some 30 researchers and 60 PhD students in the area Process and Resource Optimization, where the focus is on optimization of existing and future industry and power plant processes as well as energy efficiency improvement in buildings. 20 patents, some 130 scientific publications.

His presentation on: **How to reach a global energy balance with only renewable energy sources**