

# High Consistency Ozone Bleaching-Present Status and Future

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## **INTRODUCTION**

The driving force for the introduction of ozone bleaching has been an ever-increasing concern for the environment and requirements on lower effluent emissions. Cost efficiency, in terms of low capital expenditure and low operating costs, and pulp quality have been the measures by which this technology has been evaluated. Metso Paper's development work in the area of ozone bleaching started in 1979. About ten years later a co-operation with Union Camp was initiated resulting in the world's first high consistency ozone bleaching plant starting up in September 1992 at Union camp's Franklin pulp mill. The evolution of this technology to present date is described in this paper.