

# 10 Years of Sustainability at ScotAsh

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## ABSTRACT

Until 1999 Scotland's coal-fired power stations produced up to one million tonnes of coal ash annually, the majority of which was disposed of to lagoons, with consequent environmental and cost implications.

The creation of a new business, ScotAsh Limited, in 1999 sought to utilize the ash by-product in construction products to maximise resource recovery and reduce environmental impacts.

In the 10<sup>th</sup> anniversary of the company, this paper examines the critical success factors in establishing a power station based manufacturing facility for ash-based sustainable construction products; the barriers that were overcome to achieve product development, quality assurance and market penetration; and the environmental and economic benefits delivered by the innovative business model.

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