Prof. McKay also led the major pilot plant research and development project to combust Hong Kong municipal solid waste in an integrated cement manufacturing process from 2003 to 2008. This pilot plant processed 50 tons per day of Hong Kong waste and was built at the Green Island Cement plant site at Tap Shek Kok, Tuen Mun. This project was funded for over HK$30 million by Green Island Cement Company Limited and the Innovation Technology Fund of Hong Kong Government.