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Benefits of Early Contractor Involvement in stormwater project delivery where environmental performance determines the contractor.

Mr Simon Cathcart¹

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Biography:

Simon's association with erosion and sediment control is a tale of "game keeper turned poacher" and a journey from grass roots compliance and contracting through to leading a team of environmental professionals at HEB Construction.

As HEB Construction's National Environmental Manager Simon oversees the environmental performance of the business in terms of compliance, delivery of industry best practice, training and overall sustainability. HEB Construction is a diverse, multi-disciplined civil engineering infrastructure business that builds sub-divisions, roads and bridges (including pavements and surfacing), storm water drainage, pumping stations, water and waste water treatment plants, as well as piling, wharf construction, precast concrete elements and landscaping.

Simon has more than 20 years' practical, hands on experience, in the field of environmental management having worked on a full range of infrastructure projects and is recognised as a pragmatic "fixer" of challenges, and a facilitator of industry best practise and environmental excellence.

Abstract:

More and more clients are choosing to engage with contractors such as New Zealand's HEB Construction Ltd on the basis that their early engagement with the contractor will greatly improve both the construction outcome of the infrastructure project but also future operation and maintenance aspects that might otherwise fail to materialise within the traditional design and build contractual framework. This presentation will illustrate the benefits for National, State, and local governments who choose to utilise the Early Contractor Involvement (ECI) Model of project delivery. Comparisons will be made between the traditional design and build (D&C) contractual arrangements and the ECI model to illustrate that contractors with high standards of environmental performance like HEB Construction Ltd deliver value for money and do so while protecting and enhancing the environments in which we work by using industry best practice. The presentation will also examine the growing value that clients place on the environmental and sustainability performance of construction companies working for them and how that in turn is driving a revival in research and development by these businesses and their suppliers. Erosion and sediment control, green concrete, stormwater innovation and renewable energies investment will all be examined along with examples of how environmental risk management is being undertaken by HEB Construction Ltd.