

Green Cement Transformation Project



Port Augusta milling, blending and distribution hub

Our proposed hub in Port Augusta is a key part of our Green Cement Transformation Project. The project will divert local industrial by-products to create low carbon green cement products for the construction and building industry sector.

The \$125 million investment over three sites will deliver over 50 long term jobs with the majority in the Upper Spencer Gulf.



What is green cement?

Our green cement products are made using supplementary cementitious materials (SCMs) – which are materials that can be used to replace cement.

We will make these materials using diverted industrial by-products and renewable energy.



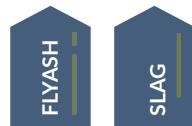
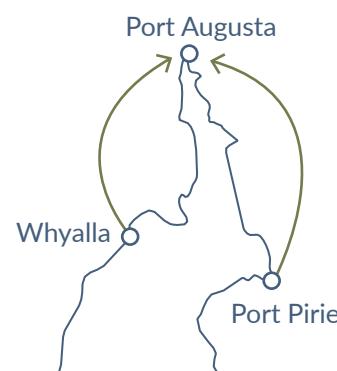
Our green cement products in construction applications will replace over 50% of traditional high carbon cement. Once fully operational, our project could reduce Australia's carbon emissions by over 1 million tonnes per year.

The green cement will be made by diverting:

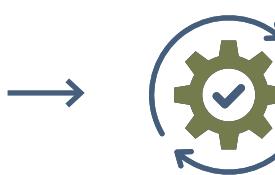
- Flyash from the legacy ash storage area at Port Playford
- Slag from Nyrstar Port Pirie and potentially from Liberty GFG Whyalla Steelworks.

These will be processed at the Port Augusta milling, blending and distribution hub before being safely transported across Australia and internationally.

The project will be fully powered by locally produced renewable energy. Dust will be carefully managed through fully sealed sheds, storage bins and silos, as well as through dust monitoring and suppression systems.



Flyash Slag



Distribution hub



Green products



Green cement produced locally for national and international market



Reusing local industrial by-products



50 long term jobs in Upper Spencer Gulf



\$125 million investment across three sites



Committed to zero community dust impacts

Green Cement Transformation Project

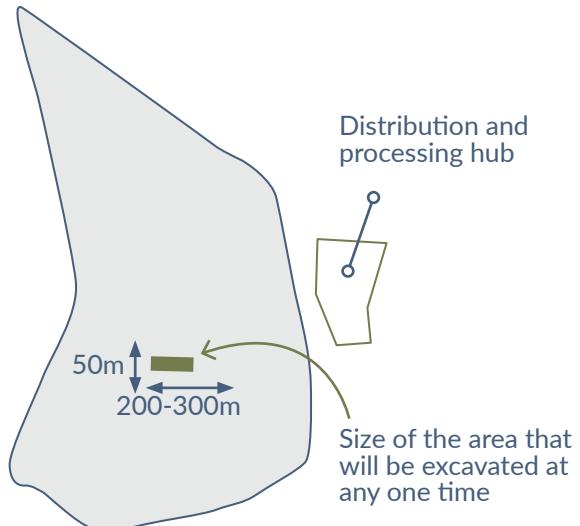
Flyash from Port Playford

Flyash will be sourced from the legacy ash storage area at Port Playford, south-east of Port Augusta. Generated by the former Port Augusta power stations, this flyash is considered as the highest quality in Australia.

The flyash will be reclaimed using a low impact excavation method where a small section of the storage area (up to 1% of the total area) is excavated and rehabilitated at a time.



We will extract the flyash with zero community dust impacts through surface wetting and stringent environmental management.



Stage 1

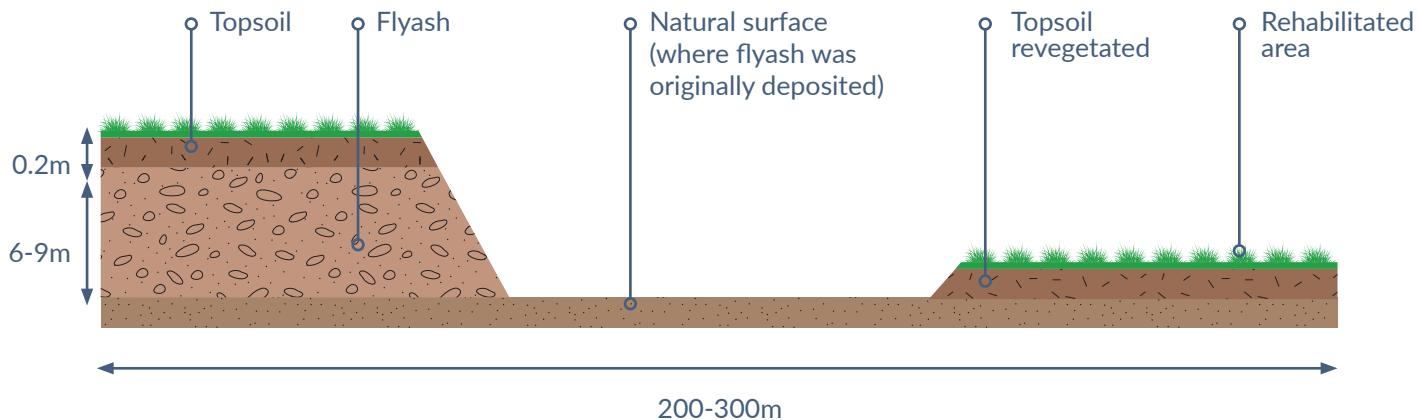
Topsoil will be carefully removed and stored.

Stage 2

Flyash will be removed.

Stage 3

Topsoil will be replaced over the excavated area and then revegetated.



Slag from Port Pirie and Whyalla

The Nyrstar Port Pirie smelter and Liberty GFG Whyalla Steelworks produce a by-product called Granulated Blast Furnace Slag as part of their operations, which is currently generally stored onsite.

This reuse of slag for our green cement manufacturing process will re-purpose the slag, supporting local industries to reduce their environmental footprint.

The Green Cement Transformation Project is being delivered by Hallett Group with the support of a \$20 million grant from the Australian Government under the modern manufacturing initiative. Each stage of the project will undergo separate planning and approvals processes, including environmental assessments and community engagement.

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