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AUSTRALIAN SECURITIES EXCHANGE ANNOUNCEMENT

01 April 2025

Holcim US - First Large US EdenCrete Pz7 Order ~US\$91,800

HIGHLIGHTS

- Holcim US has developed a range of standard commercial concrete mixes incorporating EdenCrete®Pz7.
- Holcim US has requested Eden US to supply EdenCrete®Pz7 bulk storage tanks and dispensing equipment to a number of Holcim plants around Denver.
- Holcim US has placed a maiden order for ~US\$91,800 (~AUD\$145,668) of EdenCrete®Pz7 to be used in all the 25,000 cubic yards (~19,114 m³) of concrete, in all the concrete mixes, required for a large multi-storey construction project in Colorado that is scheduled to commence in early May 2025.
- Over the past 10 months Holcim Ecuador has purchased two container loads of EdenCrete®Pz7 accompanied by bulk dispensing equipment.
- The aggregate value of all Holcim Group orders for EdenCrete®Pz7 (Ecuador/USA) over the past 10 months now exceeds US\$425,725 (approximately AUD\$675,539).
- Trials by other Holcim Group companies of EdenCrete®Pz7 are continuing in Eastern Canada, Western Canada, Mexico and the United Kingdom.

DETAILS

Eden Innovations Ltd (ASX:EDE) (“Eden”) is pleased to report that Eden Innovations LLC, Eden’s wholly owned US subsidiary (“Eden US”) has received its first large order from Holcim US to supply, over the coming months, in total ~US\$91,800 (~AUD\$145,668) of EdenCrete®Pz7 for incorporation into all the Holcim US concrete mixes required for a large multi-storey construction project in Colorado that is scheduled to commence in early May 2025.

Several Holcim concrete plants in Denver, Colorado will be used to deliver the 25,000 cubic yards (~19,114 m³) of EdenCrete®Pz7-enriched concrete required for all the various concrete mixes required for this project.

Specific details are:

- Over the past twelve months various Holcim Group companies in a number of countries have been developing standard concrete mixes that incorporate EdenCrete®Pz7.
- At the request of Holcim US, Eden US is currently installing bulk storage tanks and automated dispensing equipment in several Holcim plants in the Denver, Colorado area, to dispense the EdenCrete®Pz7 for use in standard concrete mixes.
- Holcim US has now placed its first large order for Eden US to supply in total ~US\$91,800 (~AUD\$145,668) of EdenCrete®Pz7 to several Holcim concrete plants in the Denver area, to be used in approximately 25,000 cubic yards (~19,114 m³) of concrete required for a large construction project.
- This first large order from Holcim US for EdenCrete®Pz7 follows two large orders from Holcim Ecuador over the past 10 months for two container loads of EdenCrete® Pz7, for use in Holcim’s plants across Ecuador.
- In total over the past 10 months, Eden US has now received orders from Holcim Group companies in Ecuador and USA for more than US\$425,725 (approximately AUD\$675,539) worth of EdenCrete®Pz7.
- Other Holcim Group companies have trials of EdenCrete®Pz7, underway in eastern Canada, western Canada, Mexico and the United Kingdom.

- For the past 3 years Holcim, a leading global cement, concrete and building materials company that operates in over 80 countries has been conducting trials with the EdenCrete®Pz range of products in France, USA, Canada, United Kingdom, Mexico and Ecuador.

Holcim

Holcim is a Swiss-based global cement, concrete and building materials company that operates in over 80 countries with an annual global revenue (in 2023) of 27 billion Swiss Francs (approximately AUD\$ 44 billion)¹, with:

- the North American market representing 39% or approx. AUD\$17 billion,
- 34% from the European market,
- 11% from the South American market, and
- 16% from the Asian, Middle Eastern and African markets.

Holcim is heavily focused on de-carbonising its cement, concrete products and other building materials that it markets.

Since commencing in Europe in 2022 and then extending to 2 other continents, Holcim has been trialling the EdenCrete® Pz range of products in three of its major market sectors, Europe (France and United Kingdom), North America (USA, western Canada and eastern Canada, Mexico), and South America (Ecuador).

UK, Eastern and Western Canada, Mexico - Ongoing Holcim Trials

Trials at Holcim plants in the UK, western Canada, eastern Canada and Mexico are well underway and are continuing. Eden is hopeful that the results from these on-going trials will confirm the positive initial trial results and also open these significant markets for EdenCrete® Pz7 in the near future.

Conclusion

The rapidly growing number of plants in US, Ecuador, Canada, Mexico and the UK that are either using or trialling EdenCrete® Pz7 in standard concrete mixes of one of the most globally significant cement and concrete companies, is a major milestone for Eden in its efforts to establish a global market for its EdenCrete® range of products.

¹ <https://www.holcim.com/media/media-releases/full-year-2023-results>

The Holcim Group is heavily focussed on reducing the carbon footprint of its concrete products, across all its major market sectors.

EdenCrete® Pz7 is the newest of the EdenCrete® range of products with the fastest growing market footprint.

EdenCrete® Pz7 can assist concrete suppliers reduce the amount of cement that is required, by replacing it with far lower-carbon footprint pozzolanic cementitious material (such as fly ash and blast furnace slag, both waste products with extremely low CO₂ footprints).

Since May 2024 Eden US has received orders from Holcim Group companies in Ecuador and USA for EdenCrete®Pz7 with a total value of US\$425,725 (approximately AUD\$675,539).

This success follows several years of slow but gradual growth of Indian market, with interest in the EdenCrete®Pz and Pz7 products growing, as evidenced by several potentially important trials currently being undertaken in India.

EdenCrete® Products Background

Eden's range of three EdenCrete® products are all 100% owned, proprietary nano-carbon-strengthened concrete additives that enhance a wide range of performance characteristics of the concrete. These benefits may include some or many of the following benefits : compressive strength, flexural strength, tensile strength, abrasion resistance, reduced permeability, increased modulus of elasticity, reduced shrinkage. Collectively these benefits together can deliver stronger, tougher, more durable and longer lasting concrete that has frequently been shown in a growing number of trials to result in longer service life and hence a lower life-cycle carbon footprint of the concrete .

EdenCrete® Pz and EdenCrete® Pz7 are mostly frequently (but not always) used in concrete mixes that incorporate higher percentages of pozzolans as an alternative cementitious material (including fly-ash and blast furnace slag which are each waste by-products from coal fired power stations and metal smelting respectively, thereby each being treated, as a waste by-product, as having a zero Greenhouse Gas footprint from its production process).

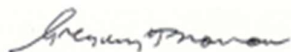
As a result, EdenCrete® Pz and EdenCrete® Pz7 have repeatedly shown they enable a material proportion of the total Portland cement in concrete mixes to be replaced by the same percentage of pozzolans (which is usually cheaper and has a far lower Greenhouse Gas footprint) without any loss in performance of the concrete, resulting in a cheaper, comparable concrete mix with a reduced Greenhouse Gas footprint.

The global market for cheaper, lower carbon concrete is already significant but continues to grow very rapidly. It is a primary target for the EdenCrete® range of products. With relatively few competitive products yet able to deliver all these outcomes, this is a very important target market, particularly for EdenCrete® Pz and EdenCrete®Pz7. EdenCrete®Pz7 is Eden's fastest selling product, with sales expanding steadily across a growing number of countries spread across several continents.

EdenCrete®, the original product, is generally used in concrete that incorporates a high percentage of Ordinary Portland Cement (OPC or Portland cement). EdenCrete® has been repeatedly used in ready-mix concrete, pre-cast and pre-stressed concrete, shotcrete, pumped concrete and volumetric concrete.

One of the primary target markets for EdenCrete® is improving the performance of concrete used in the construction and maintenance of concrete roads, bridges, ports, airports, and other infrastructure, particularly where it is subject to heavy wear, freeze/thaw weather conditions, heavy snow falls, and/or high levels of added salt or de-icing chemicals.

Since 2015, EdenCrete® products have been sold in the USA and more recently in a growing number of other countries. They have successfully and repeatedly delivered a wide range of benefits when incorporated into concrete that is used in many different applications, including low-rise, medium-rise and high-rise building construction, roads and bridges, airports/ports/marine/coastal applications, bus stations, carparks, water pipes, hardstand areas, waste transfer stations, warehouses, shotcrete applications, stadiums, and pre-stressed and pre-cast concrete products.



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This announcement was authorised by the above signatory.
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