



ACN 009 253 187

AUSTRALIAN SECURITIES EXCHANGE ANNOUNCEMENT

4 JANUARY 2022

EDENCRETE® and EDENCRETE®Pz APPROVED BY FLORIDA DOT

Please see attached an ASX Announcement by Eden Innovations Ltd (ASX: EDE) for further details.

Background

Tasman through its wholly owned subsidiary, Noble Energy Pty Ltd, holds 684,534,029 fully paid shares in Eden representing 29.64% of the total issued capital of Eden Innovations Ltd.

A handwritten signature in black ink, appearing to read 'A. Gates', with a long horizontal stroke extending to the right.

Aaron Gates
Company Secretary

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EDENCRETE® and EDENCRETE®Pz APPROVED BY FLORIDA DOT

EdenCrete® now approved in 22 States and EdenCrete®Pz in 17 States.

The Florida Department of Transportation (FDOT) has added both EdenCrete® and EdenCrete®Pz to its list of approved admixtures.

EdenCrete® now approved for DOT use in 22 States (and EdenCrete®Pz in 17 States), being:

Alabama, Alaska, Arkansas, California, Colorado, Florida, Georgia, Kansas, Kentucky, Louisiana, Maine, Massachusetts, Mississippi, North Carolina, Oklahoma, Oregon, South Carolina, Tennessee, Texas, Vermont, Virginia and West Virginia; and (see Figure 1).

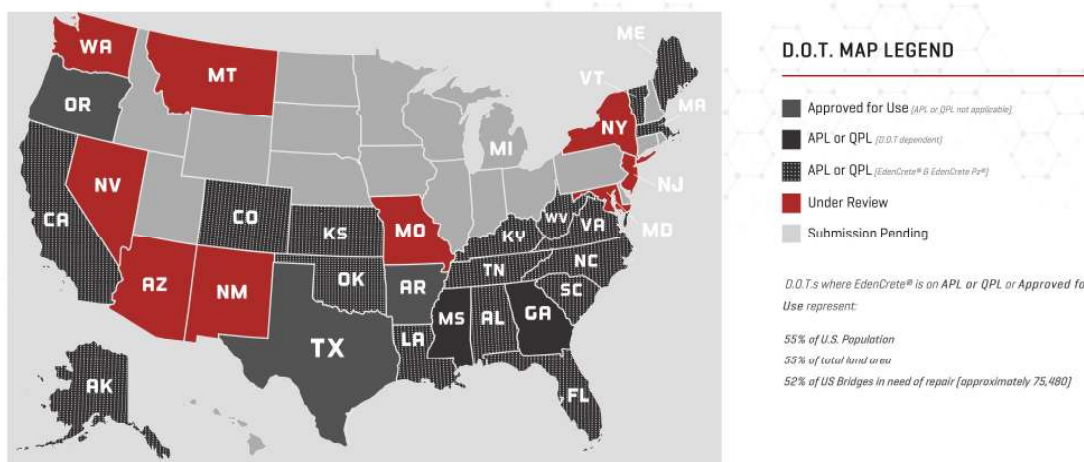


Figure 1. Current Status of US DOT Approvals of EdenCrete® Products

These 22 States represent approximately:

- 55% of the total US population;
- 75,480 bridges* that are structurally deficient or functionally obsolete;
- 52% of the total number of such bridges in the USA*; and
- 55% of the total US land area.

With its significantly expanding US sales footprint, the ongoing DOT EdenCrete® trials (particularly for bridges) in various States, plus the approvals for DOT use in 22 States, EdenCrete® is very well placed to participate in the expected significant market growth from an additional US\$110 million under US Federal infrastructure programme**.

This Federal funding is in addition to US\$905 million of US Federal funding awarded to 24 projects in July 2021 under the Infrastructure for Rebuilding America programme***.

* DOT Fact Sheet Highlights Grim State of US Roads and Bridges – 9 July 2015

** www.cnbc.com/2021/11/15/biden-signing-1-trillion-bipartisan-infrastructure-bill-into-law.html

*** www.transportation.gov/buildamerica/financing/infra-grants/infrastructure-rebuilding-america

Note: The various terms used by the different State DOTs, being “APL” (“Approved Product List”), “QPL” (“Qualified Product List”) and “Approved for Use”, are synonymous terms for the product having been allowed to be used.

EdenCrete® Background

EdenCrete® products are Eden’s 100% owned, proprietary carbon-strengthened concrete additives that enhance a wide range of performance characteristics of the concrete including compressive strength, flexural strength, tensile strength, abrasion resistance, reduced permeability, increased modulus of elasticity, reduced shrinkage and that collectively deliver stronger, tougher, more durable and longer lasting concrete.

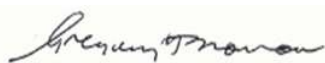
EdenCrete® is generally used in concrete that incorporates a high percentage of Ordinary Portland Cement (OPC or Portland cement) whilst EdenCrete® Pz is mostly used in concrete that incorporates a high percentage of pozzolans as an alternative cementitious material (including fly-ash and blast furnace 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 in particular has repeatedly shown it is capable of enabling the proportion of the Portland cement in the concrete to be replaced by a percentage of pozzolans with far lower Greenhouse Gas footprints, resulting in a reduction in the Greenhouse Gas footprint generated in the production of the various cementitious components used in the manufacturing of the concrete.

Both products have been repeatedly shown to be suitable for use in ready-mix concrete, pre-cast and pre-stressed concrete, shotcrete, pumped concrete and volumetric concrete.

One of the primary target markets for EdenCrete® products 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 also in Australia and 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, 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 structures and products.



Gregory H. Solomon

Executive Chairman

This announcement was authorised by the above signatory.

For any queries regarding this announcement please contact Aaron Gates on +618 9282 5889.