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ACN 109 200 900

## AUSTRALIAN SECURITIES EXCHANGE ANNOUNCEMENT

1 April 2021

### EDENCRETE® and EDENCRETE®Pz APPROVED BY KANSAS DOT

#### EdenCrete® now approved in 21 States and EdenCrete®Pz in 16 States.

The Kansas Department of Transportation (KDOT) has added both EdenCrete® and EdenCrete®Pz to its list of approved admixtures. This co-incidentally follows the first commercial EdenCrete® project in Kansas, a five storey carpark development, that was undertaken in November 2020 (see Eden ASX Announcement 23 November 2020).

EdenCrete® has now been approved for use in 21 States being:

Alabama, Alaska, Arkansas, California, Colorado, Georgia, Kansas, Kentucky, Louisiana, Maine, Massachusetts, Mississippi, North Carolina, Oklahoma, Oregon, South Carolina, Tennessee, Texas, Vermont, Virginia and West Virginia (see Figure 1). EdenCrete®Pz is approved for use in 16 States.

With its significantly expanding US sales footprint, the ongoing DOT EdenCrete® trials (particularly for bridges) in various States, plus the approvals for use in 21 States, EdenCrete® is in a very good position to participate in the significant market growth that is expected should the proposed US Federal infrastructure stimulus programme, that is being presently being discussed, be approved.

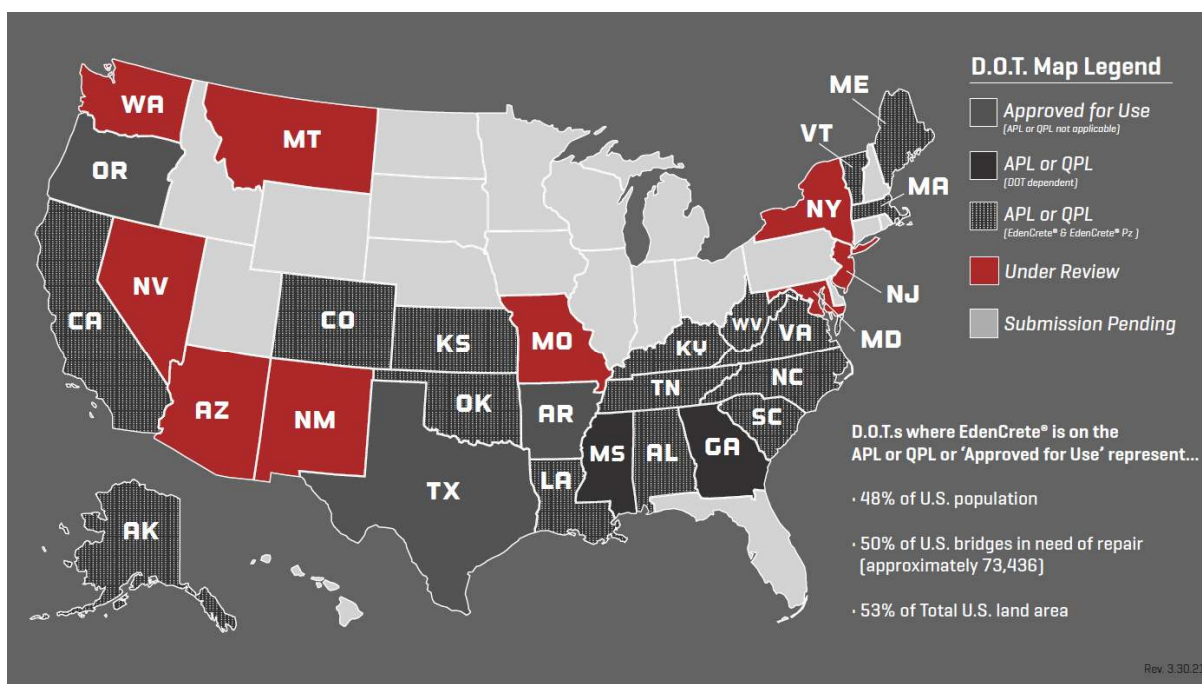


Figure 1. Current Status of US DOT Approvals of EdenCrete® Products

These 21 States represent approximately:

- 48% of the total US population;
- 73,436 bridges\* that are structurally deficient or functionally obsolete;
- 50% of the total number of such bridges in the USA\*; and
- 53% of the total US land area.

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.

\* DOT Fact Sheets Highlight Grim State of US Roads and Bridges – 9 July 2015

## **EdenCrete® Background**

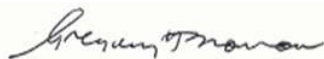
*EdenCrete® products are Eden’s 100% owned, proprietary carbon-strengthened concrete additives that enhance a wide range of performance characteristics of the concrete including compressive strength, flexural strength, tensile strength, abrasion resistance, reduced permeability, increased modulus of 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.