

## AUSTRALIAN SECURITIES EXCHANGE ANNOUNCEMENT

26 August 2019

### SASHTO 2019 – EDENCRETE®

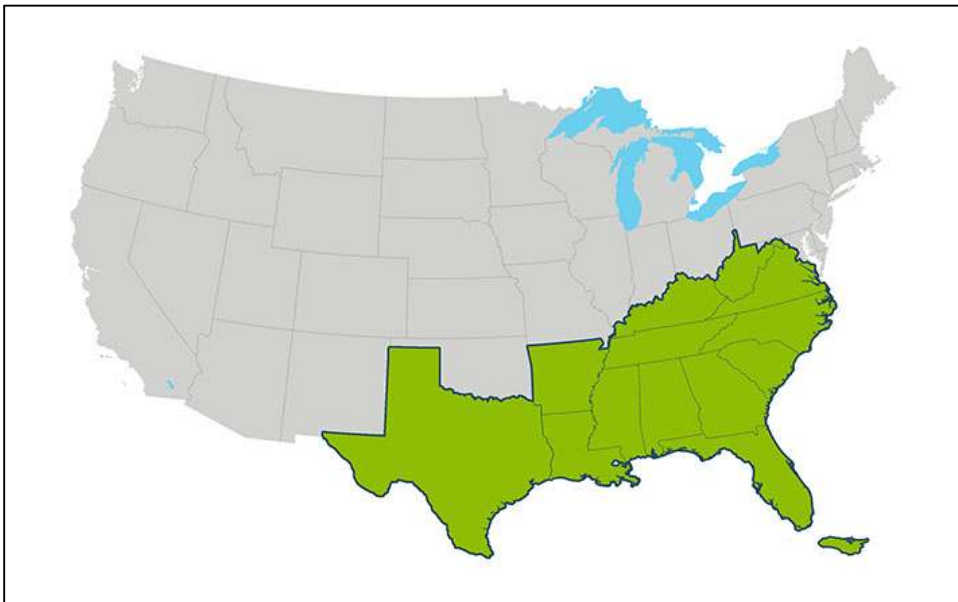
#### SASHTO 2019 – EdenCrete®

Eden Innovations Ltd (Eden) (ASX: EDE) is pleased to announce that between 17-20 August 2019, an Eden team participated in, and staffed an EdenCrete® display booth at SASHTO 2019, the 78th Annual Conference of the Southern Association of State Highway and Transportation Officials (SASHTO), that was held in Savannah, Georgia.

The annual conference is the premier SASHTO event of the year, providing the opportunity to exchange ideas, discuss challenges, share best practices, participate in technical sessions on highway and transportation matters and network with industry representatives.

The 14 Departments of Transportation from Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, Puerto Rico, South Carolina, Tennessee, Texas, Virginia and West Virginia (see Figure 1) are the members of SASHTO, a key infrastructure target market for EdenCrete® products.

Relevantly, 10 of the SASHTO member DOTs have already approved the use of EdenCrete®, and two have now also approved the use of EdenCrete® Pz.



**Figure 1 Map of continental USA showing SASHTO member States in green**

The conference was attended by 1,200 delegates, including senior officials from all SASHTO member DOTs, as well as many engineering groups and representatives of other utilities such as ports and airports.

The conference provided a highly effective opportunity to fully showcase the EdenCrete® products to an extremely important audience, with many opportunities now to be followed up.

These opportunities are anticipated will lead to significant and repeatable sales opportunities for EdenCrete® products in the highly important and overdue infrastructure repair and replacement programmes across the 13 States and 1 unincorporated Territory that form the SASHTO member States.

EdenCrete® is already used in all concrete highway pavement replacement projects in Georgia and has also been used in bridge beams in Texas, both SASHTO States. It is also being used on Colorado DOT (a non-SASHTO state) projects for both concrete highway pavements and shotcrete applications.

As previously announced (**ASX:EDE -31 July 2018 - Quarterly Report to 30 June 2018**) EdenCrete® is also presently being tested in an ongoing bridge trial in North Carolina by NCDOT which started in July 2018 (see **Figure 2**).



**Figure 2. Bridge used for NCDOT trial**

The EdenCrete® concrete has performed well in this project and NCDOT has requested a second bridge trial on a date that is yet to be determined.

North Carolina is a potentially very large market with 5,534 (or 30.5%) of its 18,168 bridges having been classified by the US DOT in 2015 as being structurally deficient or functionally obsolete\*.

In Georgia, the first bridge trial using EdenCrete® in the replacement of the concrete decking on two spans of a five span, two-lane bridge, is presently scheduled to commence in early November 2019.

South Carolina, which borders Georgia, is also a key target market for EdenCrete® products, with 1,920 (20.7%) of its 9,275 bridges having similarly been classified by the US DOT in 2015 as structurally deficient or functionally obsolete\*.

South Carolina, with a population of approximately 5.12million people, introduced an annual increase in the Motor Fuel User Fee of \$0.02 per year per gallon of fuel sold, for every fiscal year from 2017 until 2022. Most importantly, all of the funds raised by these annual increases in the Motor Fuel User Fee must be credited to the Infrastructure Maintenance Trust Fund.

As from 1 July 2019 the amount to be credited to the Infrastructure Maintenance Trust Fund is now US\$0.06 for each gallon of fuel sold. From July 1, 2017, when the Motor Fuel User Fee first increased, through April 2019, more than \$657 million was deposited in the state Infrastructure Maintenance Trust Fund, including \$185.3 million in increased Motor Fuel User Fee revenues, according to figures from the South Carolina Department of Transportation.

Virginia, which like the other States was assessed by US DOT in 2015 to have 3,588 of its 13,765 bridges (26.1%) that were structurally deficient or functionally obsolete\*, is currently also looking for a suitable, similar sized bridge project to the forthcoming Georgia bridge trial, to undertake for a similar bridge trial.

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

## Summary

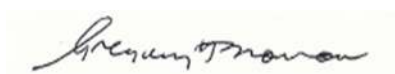
Eden has already made significant progress with SASHTO DOT members, Eden's primary target for expansion of the EdenCrete® footprint in the huge US infrastructure market.

The opportunity to showcase the EdenCrete® products at the annual SASHTO conference and to present these products in many meetings and discussions with both officials from the SASHTO member DOTs and key engineering groups, provided Eden a great marketing opportunity that is anticipated will considerably help accelerate the usage of EdenCrete® by the various SASHTO member DOTs in a range of infrastructure projects.

## BACKGROUND

*EdenCrete® is Eden's 100% owned, proprietary carbon-strengthened concrete additive that enhances a wide range of performance characteristics of the concrete including compressive strength, flexural strength, tensile strength, abrasion resistance, reduced permeability, increased modulus of elasticity, and reduced shrinkage, delivering stronger, tougher, more durable and longer lasting 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 and other infrastructure, particularly where it is subject to heavy wear, freeze/thaw weather conditions and/or high levels of added salt. Additionally, it has potential for use in most other concrete applications including high-rise building construction, marine and coastal applications, water storage and pipelines, hardstand areas, warehouses, shotcrete applications and pre-stressed and pre-cast concrete structures and products.*



**Gregory H. Solomon**  
Executive Chairman