

eden

Innovations that work.™



US Investor Presentation

18 January 2018

EDE:ASX



Disclaimer

FORWARD LOOKING STATEMENTS

This presentation includes certain forward-looking statements of Eden's management. Forward-looking statements are statements that contemplate the happening of possible future events and are not based on historical fact. Forward-looking statements may be identified by the use of forward-looking terminology, such as "may", "shall", "could", "expect", "estimate", "anticipate", "predict", "probable", "possible", "should", "continue", or similar terms, variations of those terms or the negative of those terms. Forward-looking statements should not be read as a guarantee of future performance or results and may not be accurate indications of when or whether such performance or results will be achieved. Forward-looking statements are based on information known to Eden when those statements are made or management's good faith belief as of that time with respect to future events and are subject to risks and uncertainties that could cause actual performance or results to differ materially from those expressed in or suggested by the forward-looking statements. The forward-looking statements specified in this presentation have been compiled by Eden's management on the basis of assumptions (which may or may not turn out to be accurate) made by management and considered by management to be reasonable. Eden's future operating results, however, are impossible to predict because of risks and uncertainties, and no representation, guarantee, or warranty is to be inferred from those forward-looking statements. You are cautioned not to place undue reliance on these forward-looking statements.

Forward-looking statements include, but are not limited to, the following:

Statements relating to Eden's future production capacity and sales levels, and business and financial performance; Statements relating to future research and development results and regulatory approvals of Eden's products; Statements relating to Eden's competitive position; and Other statements relating to future developments that you may take into consideration. Actual results of Eden's operations may differ materially from information contained in the forward-looking statements as a result of risk factors some of which include, among other things: global economic stability, continued compliance with government regulations regarding production and use of carbon nanotubes in the U.S. or any other jurisdiction in which Eden conducts its operations; changing legislation or regulatory environments in the U.S. and any other jurisdiction in which Eden conducts its operations; credit risks and product sales affecting Eden's revenue and profitability; exposure to product liability claims; changes and new competitive products in the specialty concrete admixture industry; the level of market acceptance and demand for EdenCrete™; Eden's ability to effectively market all the product it can produce; Eden's ability to manage its growth, including implementing effective controls and procedures and attracting and retaining key management and personnel; changing interpretations of generally accepted accounting principles; the availability of capital resources, including in the form of capital markets financing opportunities; and general economic conditions.

This presentation has been prepared as a summary only and does not contain all information relating to Eden's assets and liabilities, financial position and performance, profits and losses and prospects: it should be read in conjunction with all of the publicly available information in relation to Eden which has been released to the Australian Securities Exchange (ASX Code: EDE).

Capital Structure

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Issuer	Eden Innovations Ltd
Symbol/ Exchange	EDE. ASX
Issued shares	1,311,264,255
Stock Price ⁽¹⁾	A\$0.175
Market Cap ⁽¹⁾	≈A\$252 million ⁽²⁾
Cash	≈A\$2.1 million ⁽¹⁾
Debt	≈US\$0.89 million ⁽³⁾

1) As at 12 January 2018

2) Incl. EDEO 157m Ex @ 3c 30.9.18

3) Balance of vendor finance of purchase price on first Colorado property, 2% interest rate

Share Price History



Board of Directors and Senior Management

Board of Directors

- Greg Solomon LLB - Executive Chairman
- Richard Beresford BSc (Mech Eng), MSc (Technology and Development) FAICD, FAIE
- Guy Le Page BA, BSc(Hons), MBA, ASIA, MAusIMM
- Doug Solomon LLB (Hons), B. Juris.

Company Secretary/ CFO

- Aaron Gates BCom, CA, AGIA

Senior Management

- Roger Marmaro – President - Eden Innovations LLC (US)
- Robert Reid III – Executive Business Director- EdenCrete Industries Inc. (US)

Corporate Objectives - 2018-2020



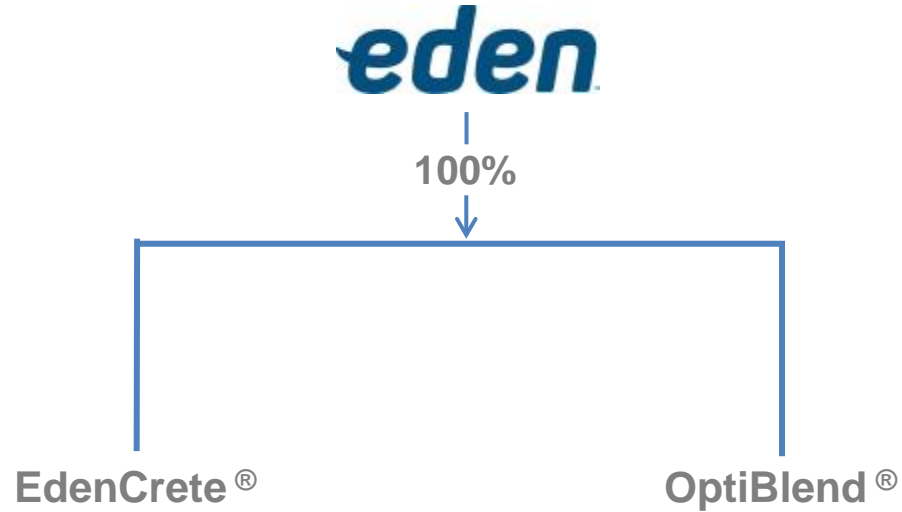
To Build a Globally Significant Clean Technology Innovations Company

Short to Medium Term Strategy

- Significantly increase US sales of EdenCrete® over next two years
- Expand Product Range
 - EdenCrete®
 - EdenCrete® P and EdenCrete® HC release Jan 2018 - over 40 trials with significant customers planned for Q1/ Q2 2018 across USA
 - EdenPlast® under development
- Increase OptiBlend® sales in India and USA
- Consider Dual US Listing at Appropriate Time

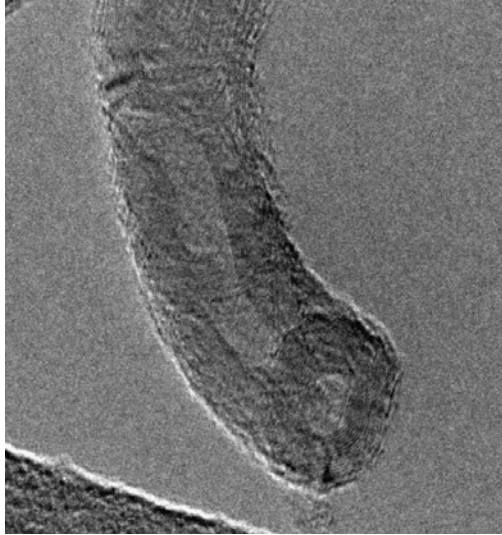
Company Products

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Carbon Nanotubes

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TEM image of Eden's MWCNT

Tensile Strength: 100-300x steel

Weight: \approx 17% of steel

Highly conductive: thermally and electrically

Applications

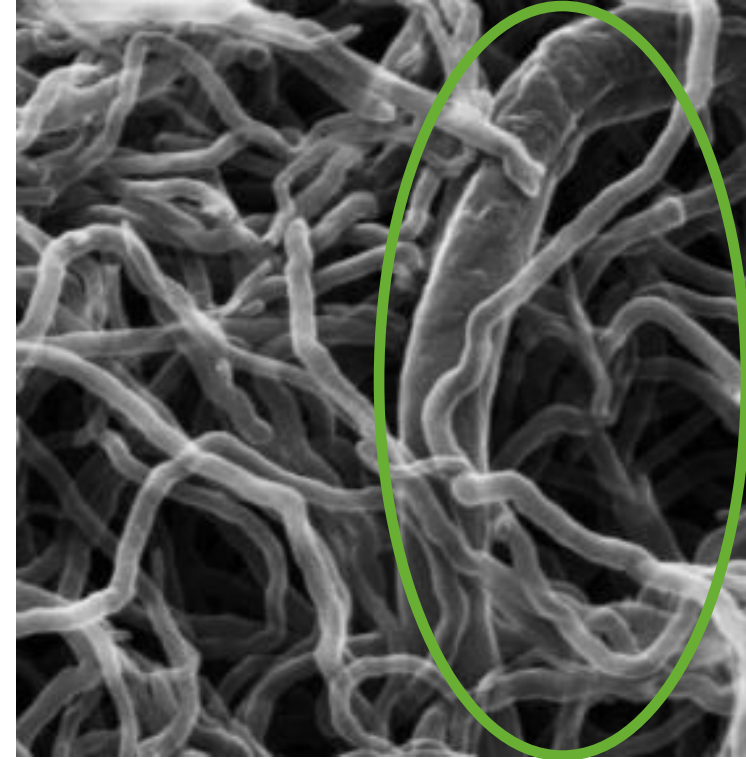
- Concrete**
 - improves many key performance characteristics
 - global market estimated at more than \$600BN - \$700 BN p.a.
- Plastics**
 - strengthens many plastics and polymers
 - global market estimated at \$350BN p.a.

CNT provide:

- **Nucleation points for dense, cement hydration - builds on surface of CNT**
- **Ultra-strong, nano-scale fibre re-enforcement**

EdenCrete® facilitates: denser, tougher, stronger cement and longer lasting, more durable concrete

- Increases flexural, tensile & compressive strength, abrasion resistance, freeze/thaw resistance
- Reduces shrinkage, permeability and damage from salt and chemicals



CNT in fresh cement paste
Monash University - Helium ion microscope image

Key Performance Characteristics / Applications

- **Permeability / salt resistance / freeze thaw** - roads, airfields, coastal, marine, dams, sewers
- **Abrasion resistance** - hard-stand areas, warehouse floors, roads, bridges
- **Flexural strength** - beams and slabs, roads and bridges, precast products
- **Early strength** - pozzolanic concrete - EdenCrete® P increases early strength

EdenCrete® Applications

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Suitable for Concrete made with either
Ordinary Portland Cement or Pozzolanic Cement



Increased Abrasion Resistance

Road & bridge surfaces,
pavements, floors



Reduced Permeability / Shrinkage

Roads, bridges, runways
Coastal/marine applications
Dams, sewer/water pipelines



Increased Flexural, Tensile & Compressive Strength

High rise buildings, bridges,
retaining walls, pre-fabricated

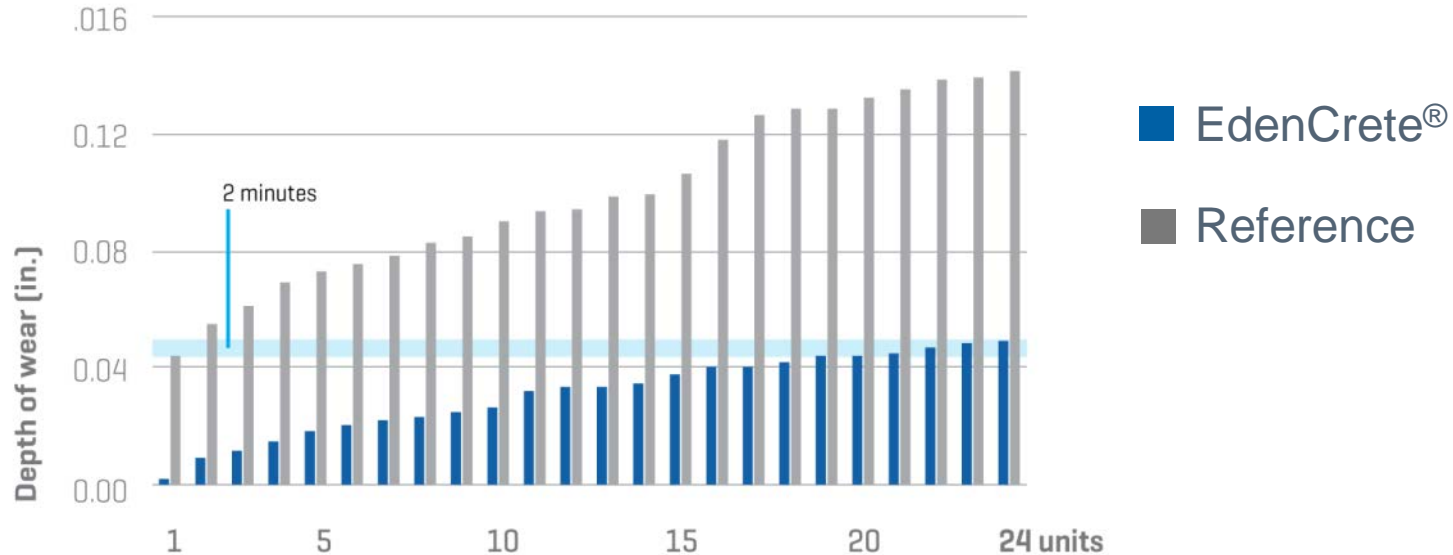
Products	Increases Compressive Strength	Increases Split-Tensile Strength	Increases Flexural Strength	Reduces Shrinkage	Reduces Permeability	Increases Abrasion Resistance	Drawback
EdenCrete™	●	●	●	●	●	●	None
Fibers (PP,PVA,ACRY,LOK)		●	●	●			Reduced workability, difficult to handle
Shrinkage Reducers				●			Strength reduction, expensive, reduces workability, impacts entrained air
Steel Reinforcement			●	●			Expensive, corrosion potential, weight factor, job-site safety
Surface Hardener					●	●	Potential alkali-silica reaction
Silica Fume, Fly Ash	●				●	●	Expensive, increased water, hard to handle, worker/workplace safety
Steel Fibres	●						Reduced workability, difficult to handle, job-site safety

EdenCrete® - Abrasion Resistance

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59% Increase in Abrasion Resistance

ASTM C779, Proc. C



EdenCrete® – First Commercial Project

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Abrasion Resistance / Ultra High Wear Application



Control Trial Slab

Significant cracks and wear after 6 months



Typical Ultra High Load

High loading/ abrasive application at site

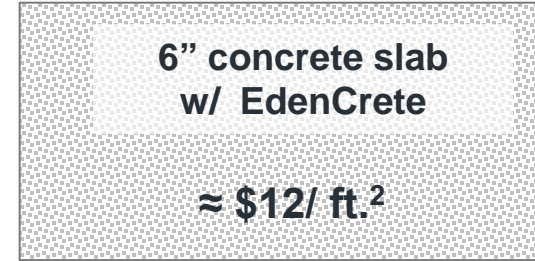
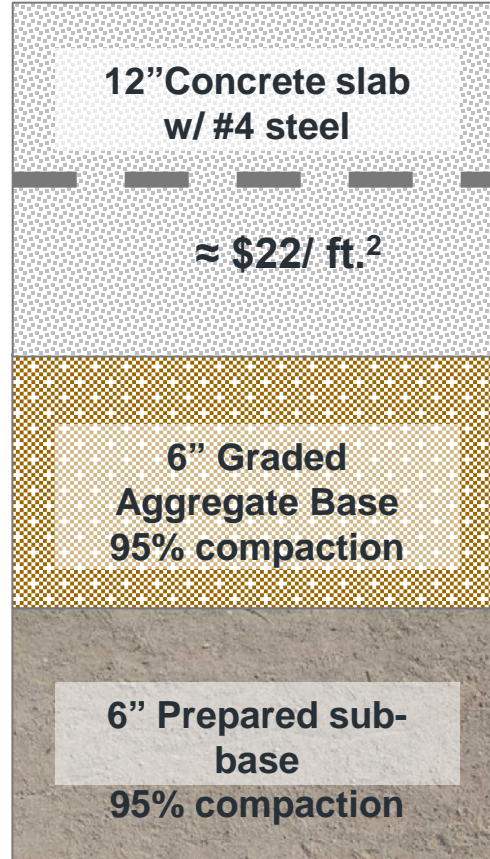
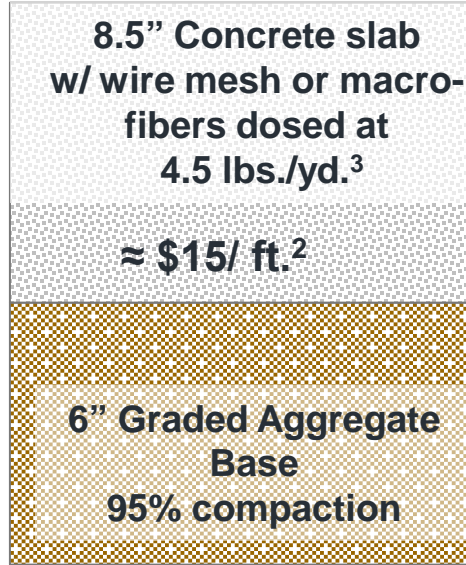


EdenCrete Trial Slab

No cracks or evidence of wear

EdenCrete® –Ultra High Wear /Abrasion Resistance Application

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EdenCrete® - MARTA – Permeability Test Results

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Chloride Content (Wt. %)			
Depth (mm)	Control Mix - Not Ponded	Control Mix - Ponded	Penetrated Chloride Values
10 - 20	0.004	0.059	0.055
25 - 35	0.006	0.045	0.039
40 - 50	0.004	0.005	0.001
55 - 65	0.003	0.004	0.001
Depth (mm)	Test Mix - Not Ponded	Test Mix - Ponded	Penetrated Chloride Values
10 - 20	0.006	0.012	0.006
25 - 35	0.004	0.005	0.001
40 - 50	0.004	0.004	0.000
55 - 65	0.003	0.003	0.000

EdenCrete® - Major Target Markets

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USA

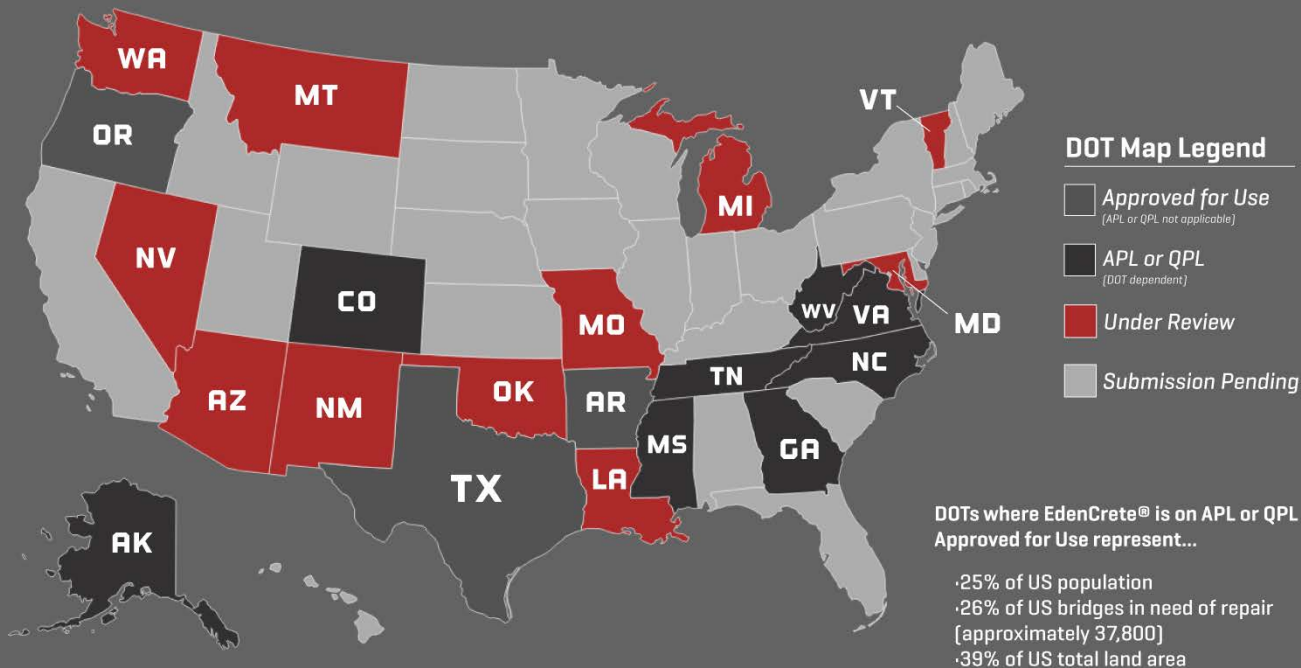
- DOTs across the US - bridges and roads - \approx 40% of US concrete market
- Precast manufacturers - \approx 30% of US concrete market
- Ready-mix suppliers - \approx 30% of US concrete market
- Pozzolanic concrete - \approx 30% of all concrete used

INTERNATIONAL

- North America/ Europe/ Asia/ Oceania

States where EdenCrete® approved by DOTs

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11 States Currently Approved

Alaska, Arkansas, Colorado, Georgia, Mississippi, North Carolina, Oregon, Tennessee, Texas, Virginia and West Virginia, representing

- 25% of total US population
- 39% of total US land area
- 37,800 bridges structurally deficient/functionally obsolete or 26% of total US bridges in need of repair*

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

EdenCrete®- Major Achievements Over Past 12 Months

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1. **GDOT** - added to specifications for slab replacement concrete mix.
 - all state funded repairs from 1 July 2017; ≈22 projects - Est. US\$1m-\$2m.p.a.
 - FHWA approval in GDOT federal funded jobs-first job worth <US\$1.2m.
 - Trials underway for use in new concrete roadways.
2. **TxDOT** - Approval/Sales - pre-stressed bridge beams - current est. value <US\$1.4m p.a. and growth is targeted
3. **DOT Approvals** - Approved in 11 States, applications in another 11 States
4. **Colorado** - successful trials with extreme levels of salt/road chemicals.
5. **MARTA** - possible upcoming projects being discussed.
6. **New products** - High concentration / pozzolanic versions – commercial release Jan 2018
7. **Colorado Production Scale-Up** - Completed

Georgia - Infrastructure Marketing and Sales

GDOT - \$1.1BN p.a. budget

- EdenCrete® - ALL State funded repairs - GDOT budget ≈ \$20 million - 28 lane miles
- FHWA approval Sept 2017 - First GDOT project:
 - I-16- \$10million - 11 lane miles project - est. EdenCrete® budget ≈ \$1.2m
 - Annual GDOT federal repair budget ≈ \$18million - 20 lane miles
- Field trial for new road construction March 2017
- \$11 billion proposed on various infrastructure/PPP projects over 8 years
- 2,600 structurally deficient/ functionally obsolete bridges* - 200 repairs in next 2 years

MARTA - US\$400 million p.a. repairs; US\$2.6 billion expansion - planned

* Source: U.S DOT – DOT Fact Sheet Highlight Grim State of U.S Roads and Bridges (July 9 ,2015)

GDOT I-20 Field Trial

August 2015

Improvement with EdenCrete®

- Compressive Strength - 45.8% at 56 days
- Abrasion resistance - 56% at 56 days

Outcomes

- GDOT - approval to use -24hr repair mix / B class concrete
 - First contract- February 2017
 - 2nd Field Trial- class A concrete/ whitetopping March 2017



GDOT- 24 Hour Repair Mix Specifications

January 23, 2017

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DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA SPECIAL PROVISION

Section 504—Twenty-Four Hour Accelerated Strength Concrete

In Section 504.1.03.B2, add a note under “minimum cement cwt/cu yd”:

Note 1: When this Section 504 is used in conjunction with Section 452 (Full Depth Slab Replacement), the Contractor shall utilize EdenCrete Carbon Concrete Additive to reduce the cement factor by 15 % as per the allowances of ASTM type “S” admixtures. There shall be two mix designs prepared; one with a 2 gallon/CY dosage and one with a 4 gallon/CY dosage. Each mix design shall also be submitted to and approved by the Engineer prior to use on the project. The mix designs shall consistently achieve the minimum compressive strength (2,500 psi) at 24 hours.

The 4 gallon/CY dosage is reserved for use at the Engineer’s discretion.

FHWA APPROVAL SEPT 2017- INCLUDES FEDERAL FUNDED PROJECTS

First Commercial EdenCrete® Infrastructure Contract

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Georgia MARTA Bus Garage – Atlanta, GA



Results – Dosage rate: 3 gallons/ yard³

- Compressive Strength Increase - 38%
- Split Tensile Strength Increase - 59%
- Modulus of Elasticity Increase - 24%
- Abrasion Resistance Increase - 47%
- Shrinkage Reduction - 9%
- Permeability - significant reduction

Further orders anticipated in 2018

Annual budget

- US\$400 million p.a. repairs;
- US\$2.6 billion expansion - planned

Texas - Infrastructure Marketing and Sales

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TxDOT

- Budget: ≈ \$28 billion over next two years
- Approval of EdenCrete® for bridge beams in 2 concrete mixes for Valley Pre-stressed Products, a major precast manufacturer
- 3 year bulk supply contract signed with Valley Pre-stressed and US\$300,000 orders received and shipped - possible US\$1.4 million + sales per annum
- Trials underway with other TxDOT approved precast manufacturers

Texas Bridges

- 52,500 bridges - 9,988 structurally deficient/ functionally obsolete*

EdenCrete® Precast Concrete – Mix Design Optimization - Texas

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AIM - Accelerate early strength to:

- Turn forms faster
- Release I-beams sooner
- Meet standards & save cost



Outcome:

- Reduced 930 lbs. to 800lbs total cementitious material (75% cement/ 25% Class F Fly Ash)
- Potential for 8 hrs+ time saving
- Reduced total cost

Colorado - Denver Public Works

Follow-up Trials for De-Icing and Road Chemicals

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- Major follow-up trial to trials in September 2017
- Possible outcomes - widespread use in Denver and possible lead into CDOT (on APL)
- Relevant for many applications in colder climates around the world



U.S Production Scale-Up

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Location	Est. Cost US \$	Estimated Output U.S p.a.	Estimated Value ⁽²⁾ U.S \$ p.a.	Start Date	Date To Complete	Anticipated Source of Funds
Colorado Stage 1	Funding Complete	108,000 galls p.a.	\$2.7m	Q1 2016	Q2 2016	Equity (completed)
Colorado Stage 2	Funding Complete	>1m galls p.a.-scalable to ≈2.4m galls p.a.	< \$50m-62m	Q2 2016	Q2 2017	Equity (completed)
Georgia Stage 1a ^(1,3)	≈\$37m	12.5m galls p.a.	\$312.5m	? 2017/ 2018 ⁽³⁾	2019 ⁽³⁾	Equity, Cashflow, Incentives, Debt
Georgia Stage 1b ^(1,3)	≈\$35m	50m galls p.a. Including Georgia Stage 1a output	\$1.25 billion	?2019/2020 ⁽³⁾	2020-2022 ⁽³⁾	Cashflow
Georgia Stage 2	≈\$60m	100m galls p.a. Including Georgia Stages	\$2.5 billion	?2020/2021 ⁽³⁾	2022-2023 ⁽³⁾	Cashflow

(1) Land in Georgia is sufficient for expansion up to 10 stages (i.e. 500m galls. p.a. output).

(2) Based on Current Selling Price of EdenCrete™ - US\$25/ gallon- assumes all targeted production can be achieved and sold.

(3) Eden proposes to establish its large scale global production plant in Augusta, Georgia. The State of Georgia and the Augusta Economic Development Authority have agreed to provide a combined US\$24.7 million worth of financial incentives, including an IRB-financed grant of 112 acres of suitable industrial land worth approximately \$2.8 million, construction commitments aggregating approx. \$4.2 million and with the balance of the incentives being largely by way of abatement of future taxes and levies. Eden proposes to supply from Georgia, EdenCrete™ to the entire North American market and also export to the rest of the world through the nearby Port of Savannah. The start and completion dates for the stages in the Georgia plant development will be dependent on sufficient sales of EdenCrete™ having being achieved to justify the further expansions.

CNT in Plastics / Polymers

UQ / Eden - ARC Linkage Research Project

Highly Encouraging Preliminary Results with CNT in Nylon 6

- High modulus (stiffness) / outstanding ductility / excellent dispersion of CNT
- Superior ductility / comparable tensile strength vs super-tough commercial Nylons
- Higher tensile strength vs comparable Nylon materials with similar ductility
- Visual clarity/ transparency - possibly suitable for super-tough-film grade
- Relatively low-cost processing method
- Possible suitable future markets - automotive and packaging markets
- ARC R&D project into possible commercial scale-up underway

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