



eden

Innovations that work.

Investor Presentation

November 2016

EDE.ASX

FORWARD LOOKING STATEMENTS

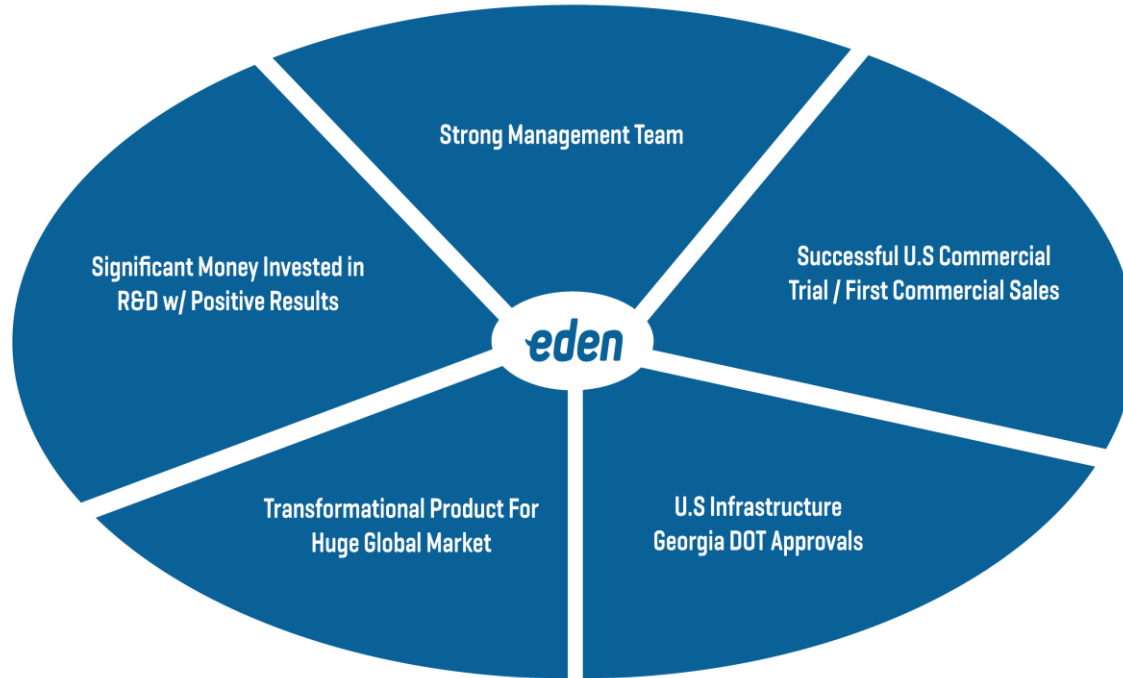
This presentation includes certain forward-looking statements of Eden's management. Forward-looking statements are statements that contemplate the happening of possible future events and are not based on historical fact. Forward-looking statements may be identified by the use of forward-looking terminology, 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).

Company Highlights



Capital Structure

Issuer	Eden Innovations Limited
Symbol/ Exchange	EDE. ASX
Issued shares	1,253,544,739
Stock Price ⁽¹⁾	A\$0.23
Market Cap ⁽¹⁾	A\$330 million ⁽²⁾
Cash ⁽¹⁾	≈A\$20.8 million
Debt	Nil

1) As of 23 November 2016

2) Incl EDEO 215m Ex @ 3c 30.9.18

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.

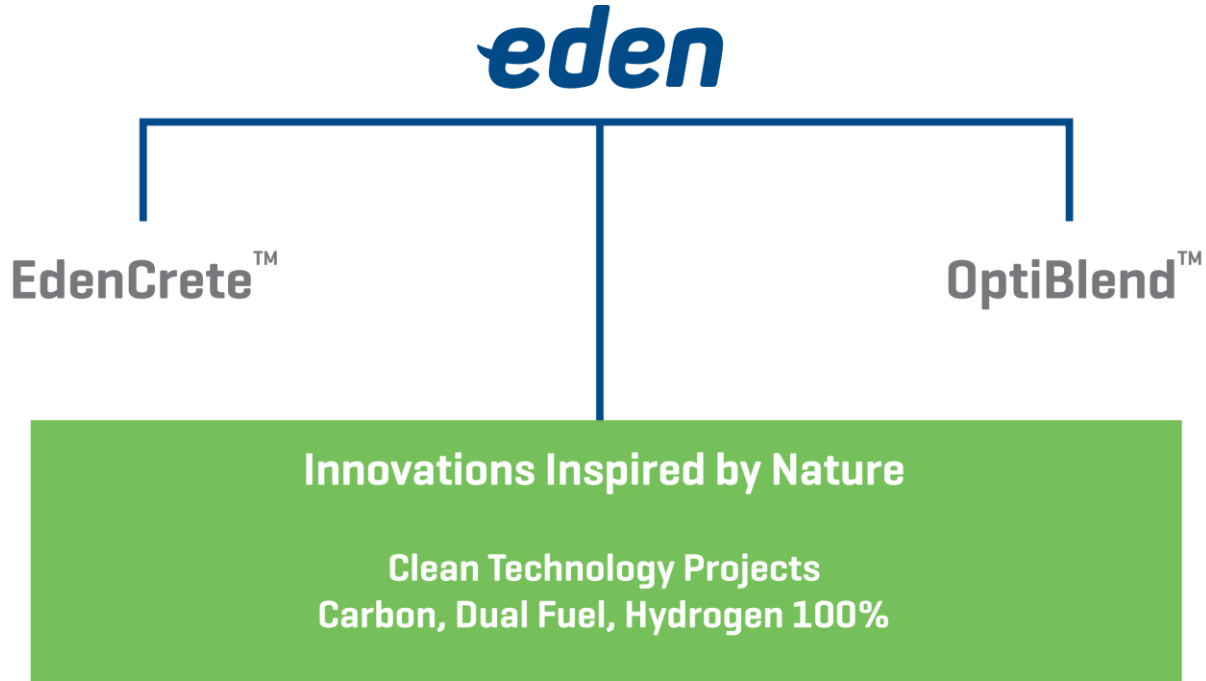
Company Secretary/ CFO

- Aaron Gates BCom, CA, AGIA

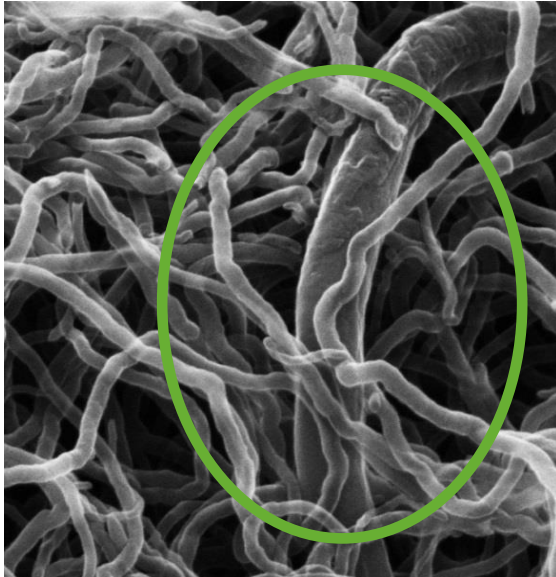
Senior Management

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

Company Products

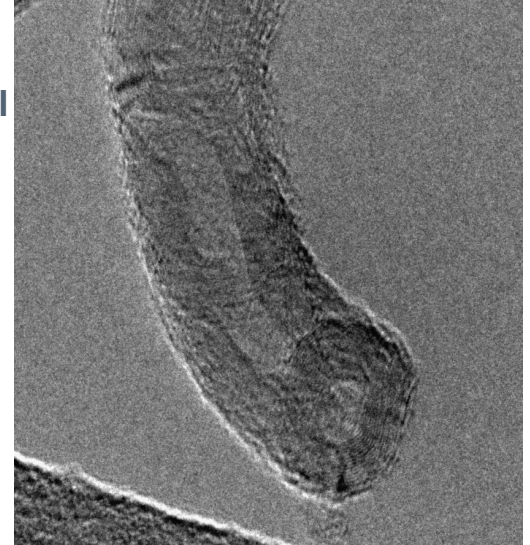


Carbon Nanotubes(CNT) in Concrete



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

- Tensile Strength: 200-300x steel
- Weight: \approx 17% of steel
- Strengthens concrete, plastics



TEM image of Eden's MWCNT

- CNT provide:
 - Nucleation points for dense, cement hydration that builds on surface of CNT (see image)
 - Ultra-strong nano-scale fibre re-enforcement
- CNT facilitate denser, tougher and stronger cement

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

CNT in Concrete Applications



Increased Abrasion Resistance

Road & bridges surfaces
pavements, floors



Lower Permeability / Lower Shrinkage

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



Increased Compressive and Tensile Strength

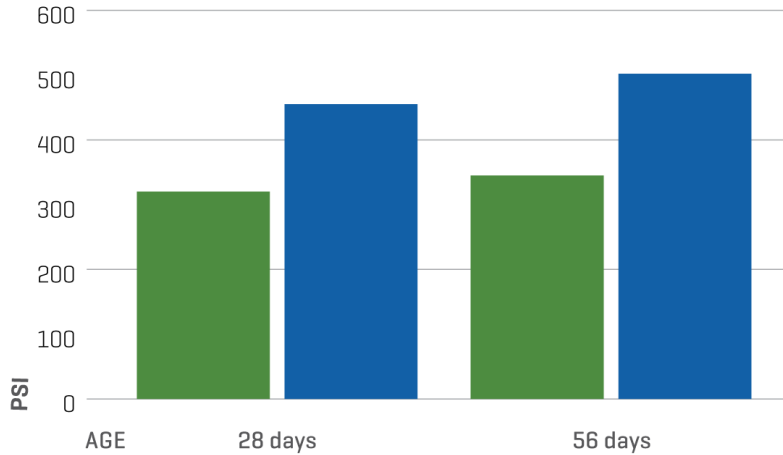
High rise buildings, bridges,
retaining walls, pre-fabricated

U.S and Australian Concrete Trials 2015-16

■ EdenCrete™ ■ Reference

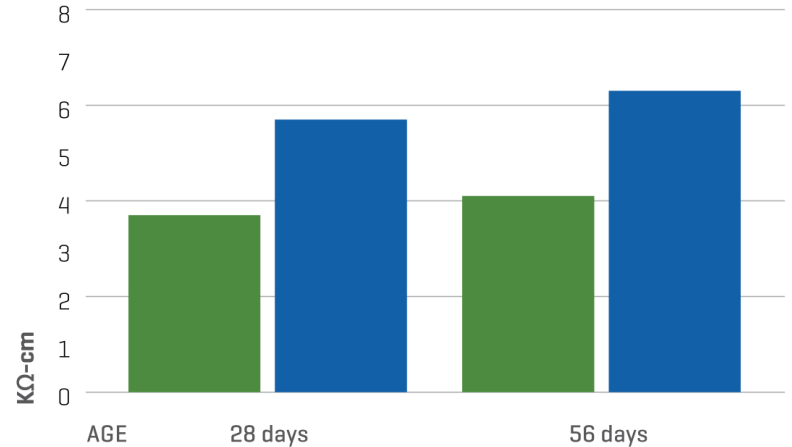
32% Increase in Flexural Strength

ASTM C78



54% Reduction in Permeability

Bulk Electrical Resistivity [Correlated to RCPT; ASTM C1202]

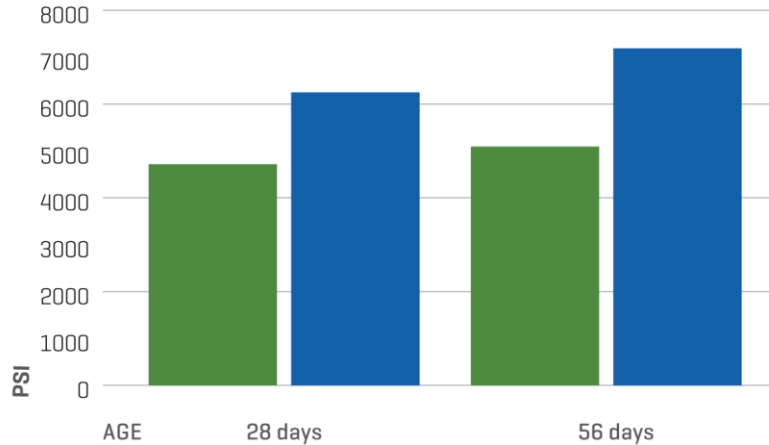


U.S and Australian Concrete Trials 2015-16

■ EdenCrete™ ■ Reference

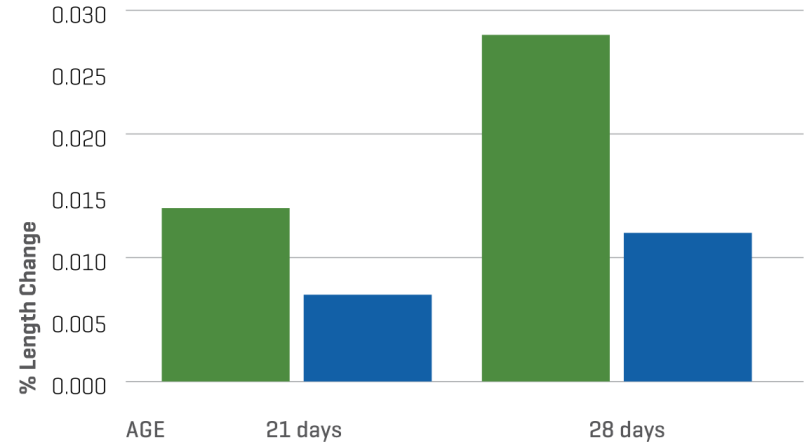
41% Increase in Compressive Strength

ASTM C39



61% Reduction in Shrinkage

ASTM C157



ASTM C494 “S” – Results to 180 days

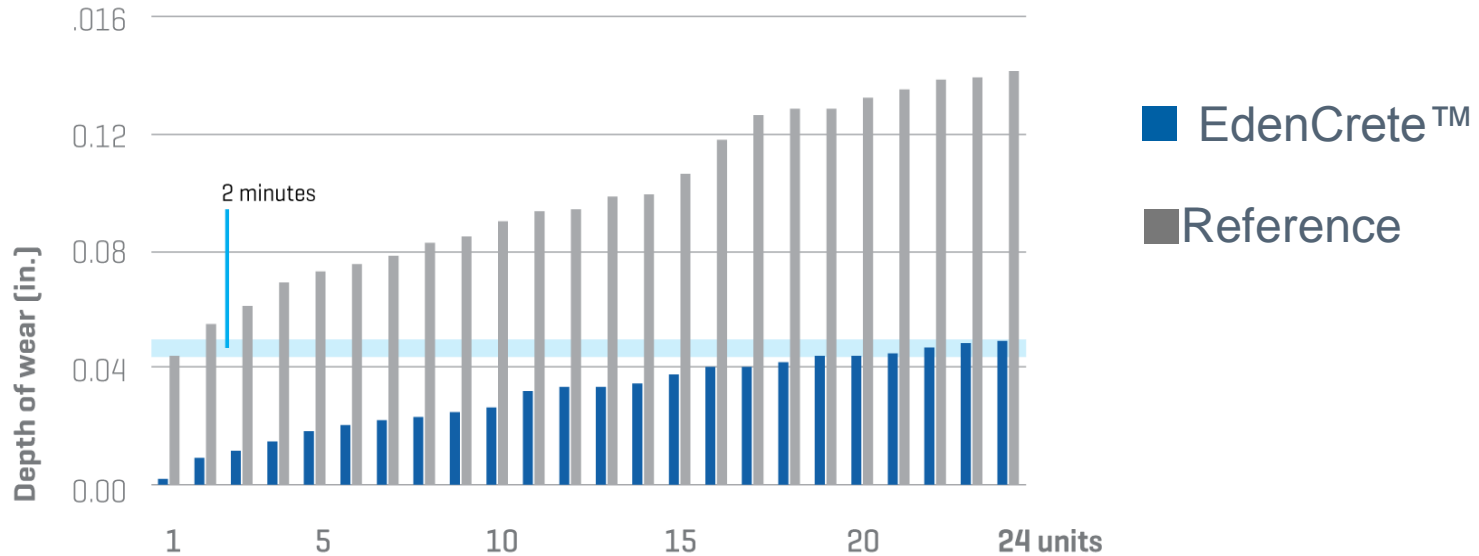
Testing by Intelligent Concrete LLC. Intelligent Concrete is entitled to receive royalties on sales of EdenCrete™

Test	% Increase of EdenCrete™ (4gal/yd ³) Over Reference Age (Days)							
	1	3	7	28	56	90	180	365
Compressive Strength (ASTM C39)	25%	35%	39%	41%	41%	39%	38%	12/16
Flexural Strength (ASTM C78)		25%	19%	32%	Complete			
Split-tensile Strength (ACTM C496)				19%	22%	Complete		
Abrasion Resistance (ASTM C779 Proc C)					56%	59%	Complete	
Length Change (Shrinkage)(ASTM C157)	61% Reduction; Complete							
Time of Set (ASTM C403)	Reduced: Initial set 3 min, final set 4 min; Complete							
Freeze/Thaw Resistance (ASTM C666)	Reference 88.0, EdenCrete 96.4 – 9.5% enhancement; Complete							

EdenCrete™ – Abrasion Resistance

59% Increase in Abrasion Resistance

ASTM C779, Proc. C



GDOT I-20 Trial

August 2015

Improvement with EdenCrete™

- Compressive Strength - 45.8% at 56 days
- Abrasion resistance – 56% at 56 days
(20 min trial)

Outcomes

- GDOT approval to use in 24hr mix B class concrete
- 2nd field trial, class A concrete Q2/Q3 2016



GDOT I-20 Field Trial – Update October 2016



EdenCrete™ – No Visible Cracking



Control – Visible Crack Across Slab

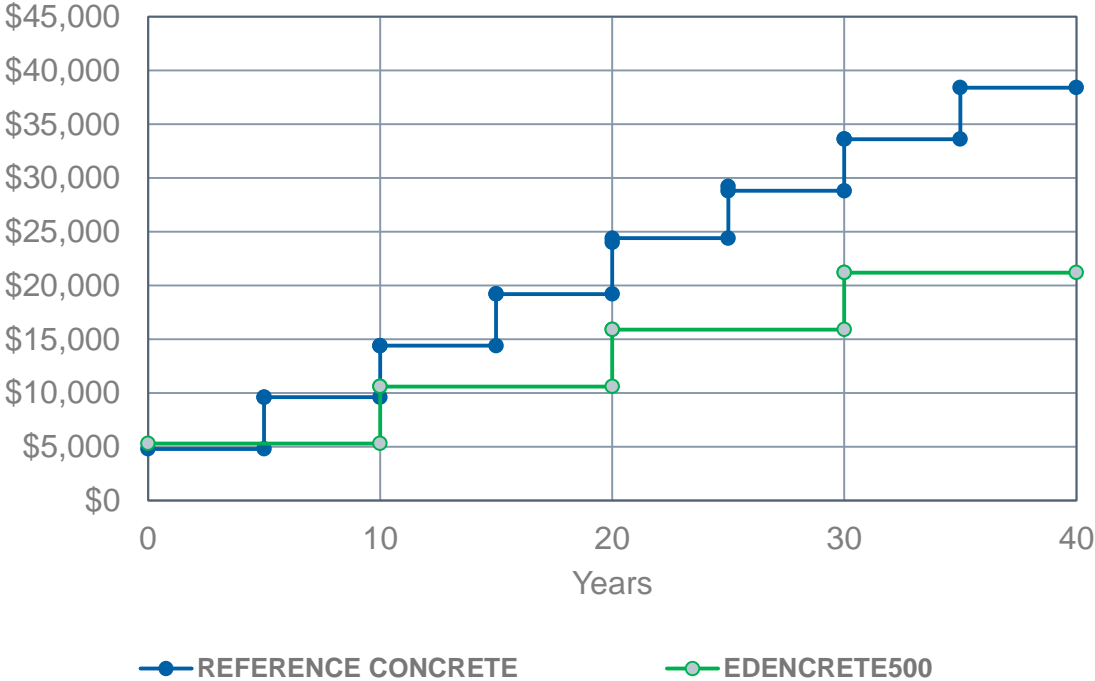
Anticipated Cumulative Cost Comparison*

Cost Benefit Analysis

- Projected Extra Cost For GDOT
 - GDOT costs /yd³ ≈ 3% - 20%
 - Application Rate will vary for different targeted applications
- Anticipated Increased Service Life >100%
- Anticipated IRR < 50%+
- Using EdenCrete™ , 60% more repairs achieved on the same budget in 25 yrs*

* Based on GDOT actual costs for I-20 Field Trial

Anticipated Cumulative Cost Comparison*



* Based on GDOT actual costs for I-20 Field Trial

EdenCrete™ Performance versus Dose (Gallons per Yard)

Dosage Gallons/yd ³ *	Compressive	Flexural	Tensile	Abrasion Resistance	Shrinkage
1/8	15%	5%	7%	5%	6%
1/4	17%	7%	12%	13%	18%
1/2	19%	9%	16%	31%	22%
1	19%	11%	21%	33%	24%
2	28%	16%	27%	40%	27%
3	27%	26%	33%	43%	29%
4	41%	32%	46%	59%	39%

* 1 gallon = 3.785 litres
1 yd³ = 0.7464 m³

EdenCrete™ – First Commercial Project

Ultra High Wear /Abrasion Resistance Application



Control Trial Slab

Significant cracks and wear after 6 months



Typical ultra high load/
abrasive application at site



EdenCrete Trial Slab

No cracks or evidence of wear

EdenCrete™ – First Commercial Project

Ultra High Wear/Abrasion Resistance Application

- 50% thickness vs new ultra high strength slab
- Only EdenCrete™ used (no steel mesh or rebar)
- No significant sub-base preparations
- At least a comparable 5-year service life expected
- Total cost saving of approximately 45%



First Commercial EdenCrete™ Infrastructure Contract

Georgia MARTA Bus Garage – Atlanta, GA



Georgia MARTA Bus Garage

- 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%
- Further order anticipated from MARTA

U.S Marketing Update – Initial Targets

Interstate Highways (≈73,000km*) / Bridges (≈605,000)

- Use ≈40% of U.S cement *
- ≈US\$40 billion p.a. preservation/maintenance bill **
- 146,418 or 24% of bridges are structurally deficient/ functionally obsolete ***
- Annual extra costs to motorists - US\$66 billion ***
- US Surface Transportation Act 2015 – US\$225bn for highways – 5 years
- President – elect Trump - US\$1 trillion for US Infrastructure promised

* Source: U.S Geological Survey Fact Sheet 2006-3127

** Source: FHWA Highway Statistics 2013

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

U.S Infrastructure Marketing - Georgia

- **GDOT** - Approved for road repairs - awaiting contract and trial for new roads
 - Discussing bridge applications
 - 14,700 bridges - 2,600 structurally deficient/ functionally obsolete*
 - US\$1.1bn p.a. budget - planned 76 lane miles trucks US\$2.06bn
 - 200 bridge repairs scheduled over next 2 years
- **MARTA** - US\$400m p.a. repairs - U.S\$2.6bn expansion of light rail network
 - awaiting contract

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

U.S Infrastructure Marketing – Other Progress

US State DOTs other than GDOT

- Approval process started with other DOTs for roads and bridges
- Trials for precast bridge beams commenced
- Approval for use in further state DOTs likely in 2016 and 2017
 - ASTM C494 “S” – Testing to be completed in early December 2016
- Possible emerging shortage of flyash (used to partially replace cement)
 - may open significant market opportunities for EdenCrete™

U.S Sales and Marketing

Sales Team – Coverage of All Continental U.S

- Senior Vice President of Business Development appointed
- 9 sales staff – 2 managers / 6 salespeople/ 1 technical sales support

Over 20 Trials across US - Infrastructure and Non- Infrastructure

- Pervious concrete – underway
- Pre-cast –underway and scheduled
- Ready mix concrete – underway and scheduled
- Low shrinkage concrete suitable for dams – underway
- Shotcrete – scheduled

Sales

- Increasing sales anticipated over next 6 -12 months

U.S Production Scale-Up

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	≈2.4m galls p.a.	\$50m-62m	Q2 2016	Q1 2017	Equity (completed)
Georgia Stage 1a ^(1,3)	≈\$37m	12.5m galls p.a.	\$312.5m	Q4 2017/Q1 2018	Q1/Q2 2019	Equity, Cashflow, Incentives, Debt
Georgia Stage 1b ^(1,3)	≈\$35m	50m galls p.a. Including Georgia Stage 1a output	\$1.25 billion	2019/2020	2020-2022	Cashflow
Georgia Stage 2	≈\$60m	100m galls p.a. Including Georgia Stages	\$2.5 billion	2020/2021	20220-2023	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.

U.S Production Scale-Up - Progress

Colorado Production

- Stage 2 Scale-up in Colorado on schedule for completion March 2017
- Planning underway for possible, low cost, further expansion of Colorado production capacity, if needed to cover any future production shortages until proposed Georgia plant opens

Georgia – Proposed Production

- Design and preliminary plans for proposed Georgia plant underway

CNT in Plastics / Polymers

UQ/ Eden- ARC Linkage Research Project

Highly Encouraging Preliminary Results with CNT in Nylon 6

- Excellent combination of high modulus (stiffness) and outstanding ductility.
- Superior ductility /comparable tensile strength vs super-tough commercial Nylons.
- Higher tensile strength vs comparable Nylon materials with similar ductility.
- Excellent dispersion of CNT.

CNT in Plastics / Polymers Cont.

UQ/ Eden- ARC Linkage Research Project

Highly Encouraging Preliminary Results with CNT in Nylon 6

- Visual clarity and transparency – potentially suitable for a super-tough-film grade.
- Relatively low-cost processing method.
- Possible suitable future markets - automotive and packaging markets.

Greg Solomon

Executive Chairman

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