



Annual General Meeting

25 November 2015

Greg Solomon
Chairman



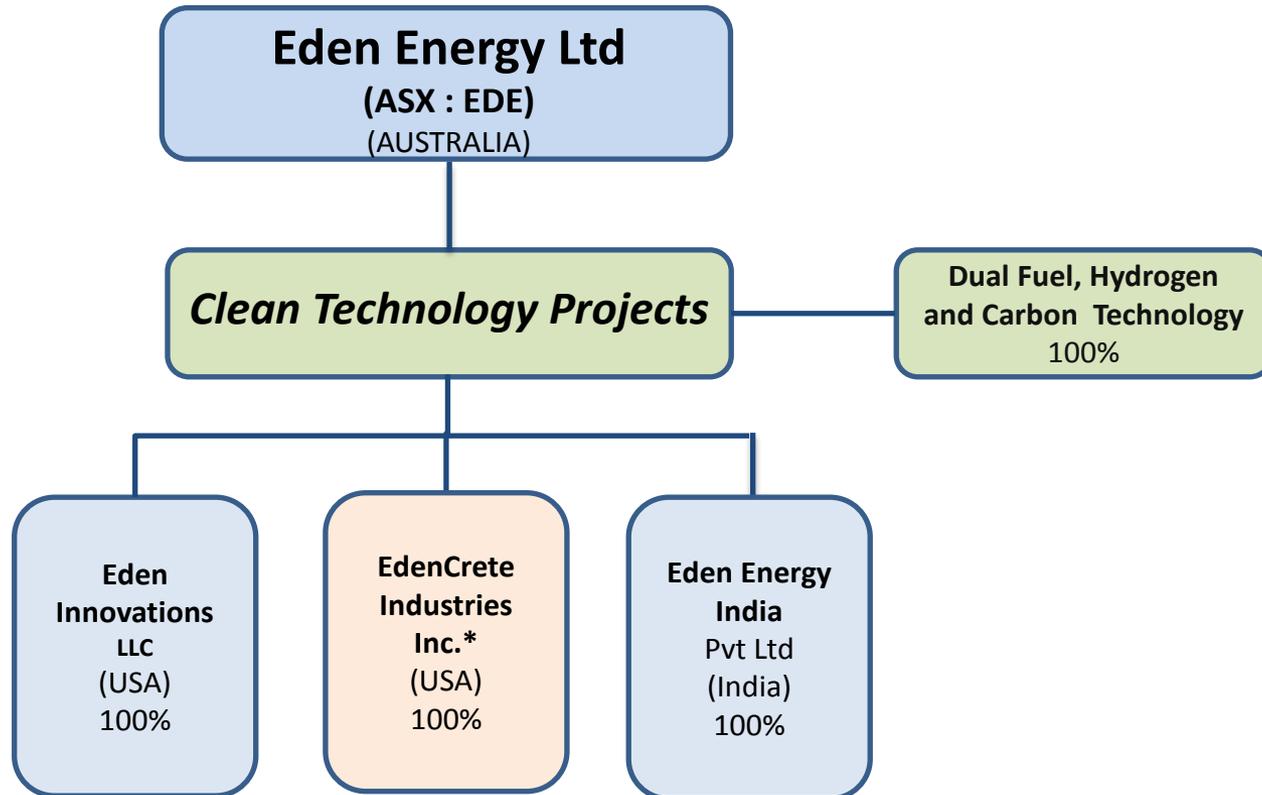
Corporate Details*



ASX Codes:	EDE, EDEO
Total Issued Shares:	992m
Total Issued Options:	204m
(3 cents - 30 Sept 2018)	
Share Price:	\$0.067
Market Capitalisation:	\$66.5m
Major Shareholder:	Tasman Resources Ltd – 44.21%

* As at 23 November 2015

Corporate Structure

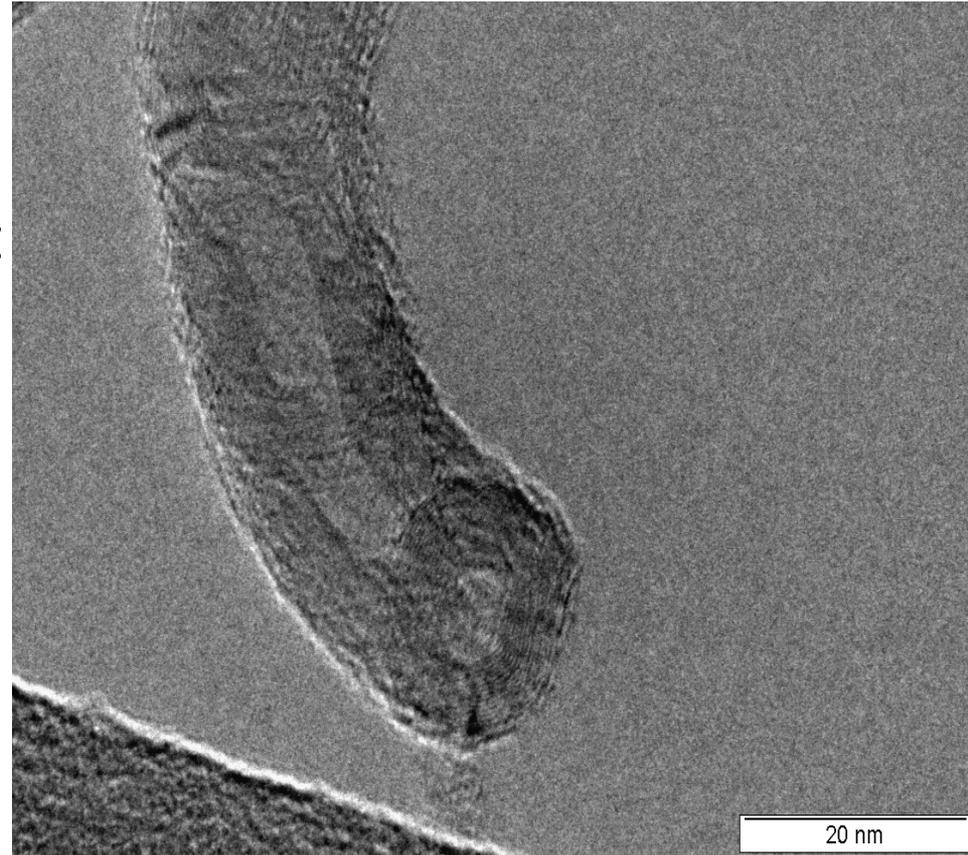


*EdenCrete Industries Inc. is to be the US EdenCrete™ production and marketing company
UK Gas assets to be sold

Multi-walled Carbon Nanotubes



- **Tensile strength** - 200-300x steel
- **Weight**-Approx. 17% of weight of steel
- **Highly conductive** of heat and electricity
- **Produces more durable concrete**
- **Potential uses in Plastics and Conductive Coatings**



TEM image of Eden's MWCNT

Eden's US CNT/CNF Production



Eden's Pilot Commercial Scale Reactors, Colorado

- **Colorado- currently being scaled up to \approx 20 tonnes p.a.**
- **Efficient catalyst production capacity has been expanded**
- **High quality/low cost CNT/CNF**
- **Plans underway for major scale-up in Georgia to 250 tonnes p.a. and expanding to 1,000 tonnes p.a.**

EdenCrete in Concrete - Benefits



- **Greater strength** - compressive and flexural/tensile
- **Reduced abrasion** - longer life, harder wearing concrete
- **Reduced permeability** - less permeable concrete
- **Reduced shrinkage**- less cracking
- **Wet properties remain unchanged**
- **Liquid admixture** added during batching process
- **ASTM Standards Testing Underway**

US and Australian Concrete Trials

- **Results from US and Australian Trials include:**
 - **Compressive strength - < 46% increase**
 - **Tensile strength - < 48% increase**
 - **Permeability - < 55% reduction (improvement)**
 - **Abrasion rate - < 60% reduction (improvement)**

CNT in Concrete- Applications



- **Global Applications**

- **Increased Abrasion Resistance**

- road and bridge surfaces, pavements, floors

- **Lower Permeability**

- roads, bridges, runways (subject to “freeze thaw”/salt conditions)
- coastal and marine applications
- dams, spillways, sewer /water pipelines

- **Increased Compressive and Tensile Strength**

- high rise buildings, bridges , retaining walls, pre-fabricated concrete applications

First US Commercial Projects -2015



First US Commercial Projects- 2015



First US Commercial Projects- 2015



First US Commercial Projects- 2015



First US Commercial Projects- 2015



25 November 2015

First US Commercial Projects- 2015



25 November 2015

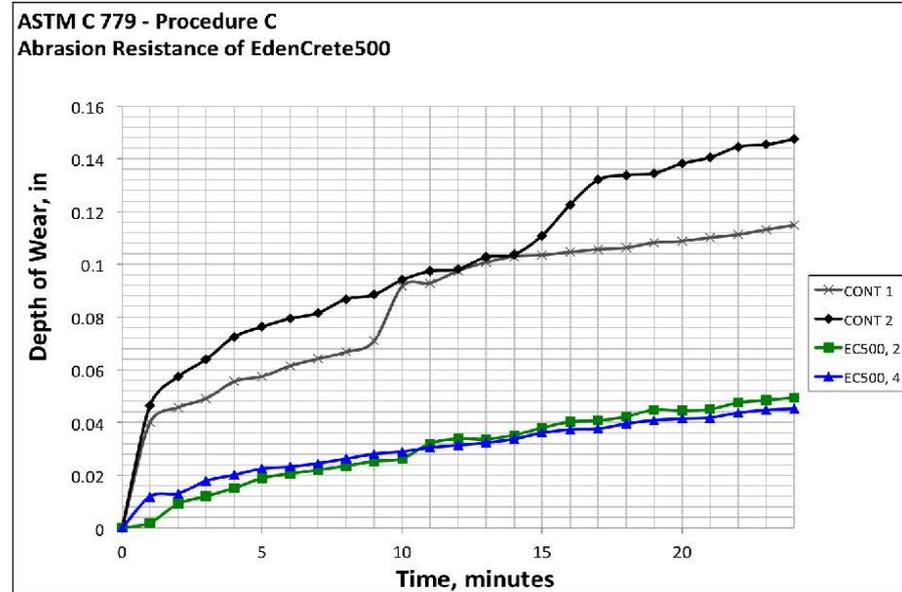
EdenCrete - % Improvements*



	56 Day - 0.5 Gal	56 Day - 2 Gal	56 Day - 4 Gal
Compressive	10%		29%
Split Tensile	19%	18.5%	23%
Abrasion Resistance 20 Minutes	46%	57%	60.5%
B Electrical Perm (kΩ.cm)			53%

* MetroMix- Colorado- Trials 2015

Abrasion Resistance Results -2015



*Cylindrical concrete specimens cured in lime water bath per ASTM C496



2 GAL

4GAL!

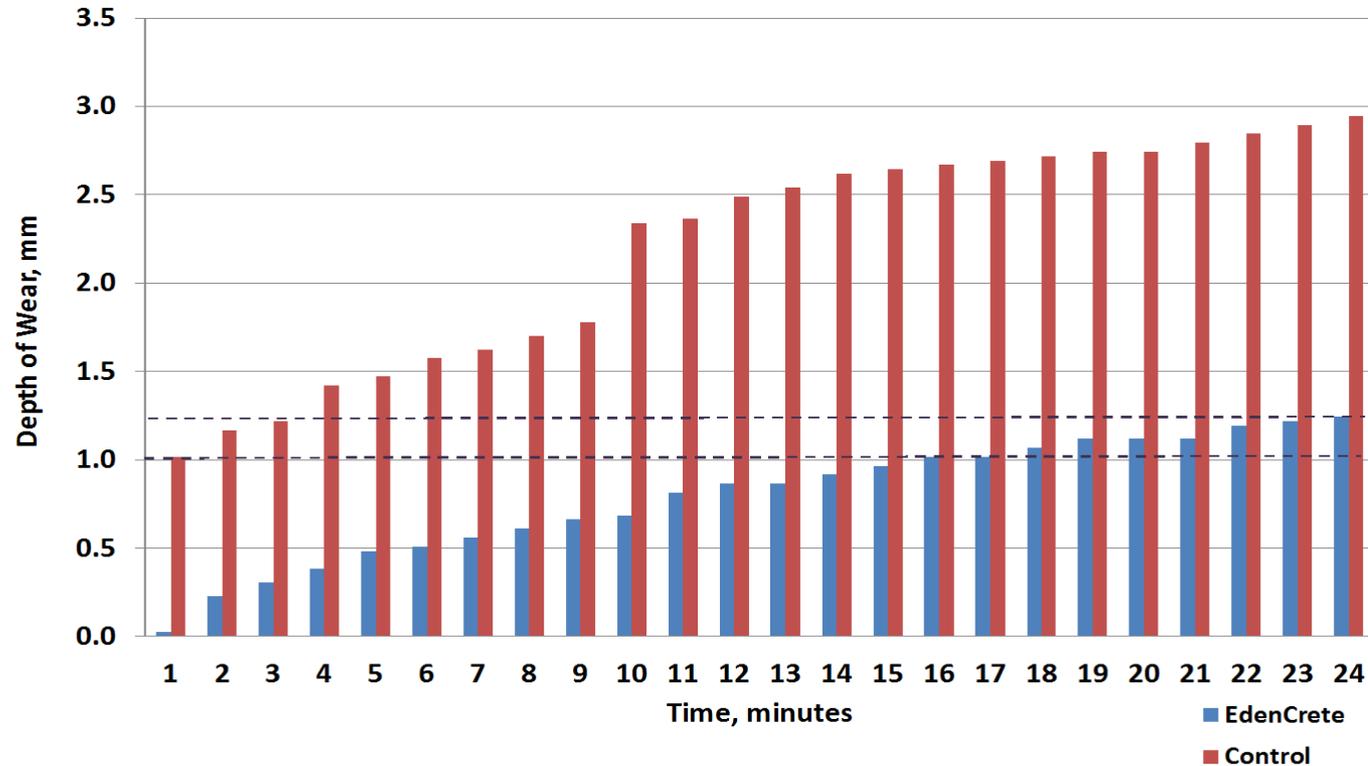
!!!!!!CONTROL, 2

CONTROL, 1

Abrasion Resistance Results- 2015



EdenCrete™ - Accelerated Abrasion Wear Results - ASTM C 779
Average reduction in wear of 66.1%



GDOT I-20 Field trial – August 2015



GDOT I-20 Field Trial – August 2015*

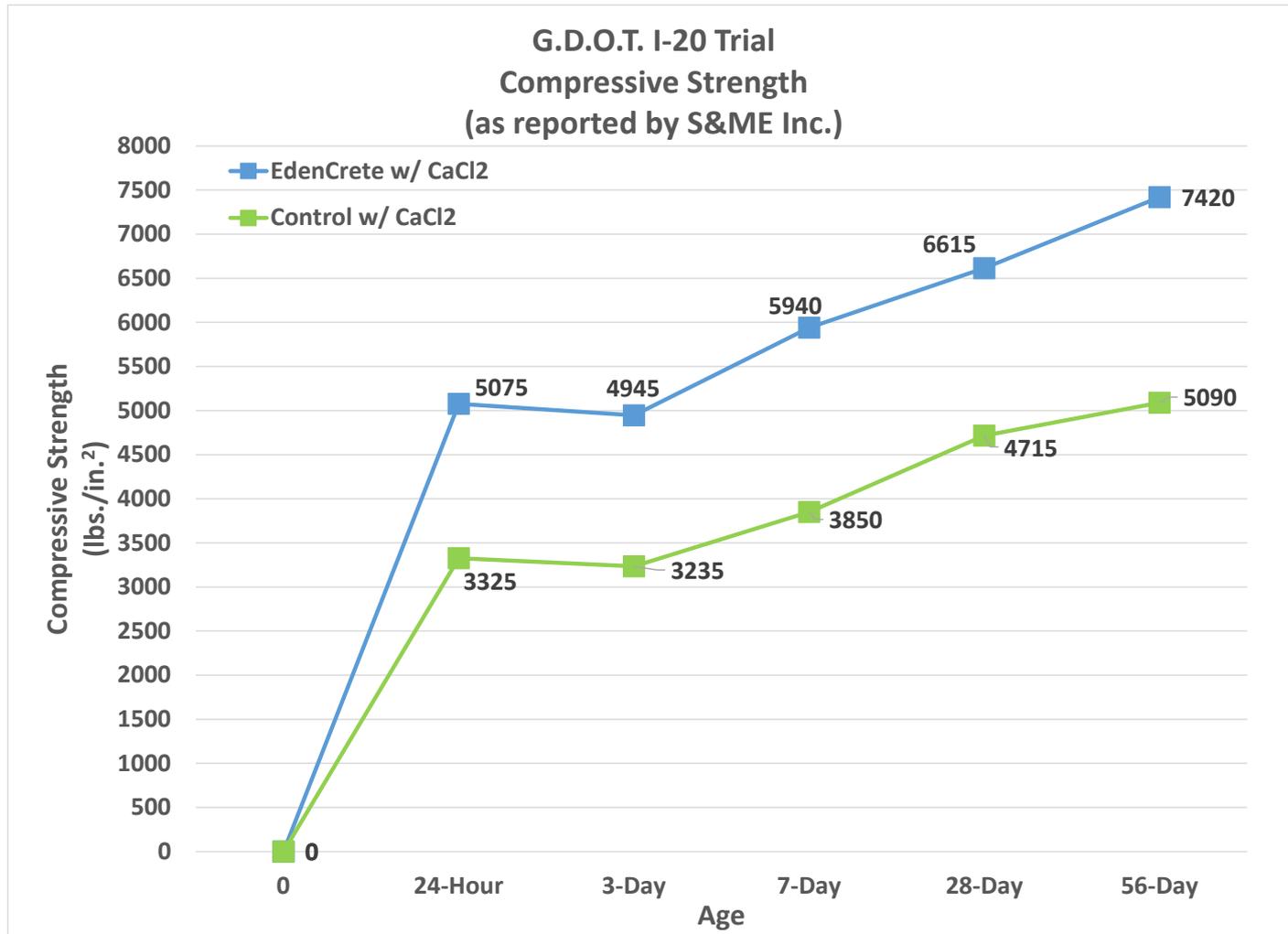


EdenCrete™ –% Improvements

	56 Day- Raw Data 4 Gallons	56 Day –Normalized 4 Gallons
Compressive	45.8%	32.8%
Abrasion Resistance 20 Minutes	56%	

* GDOT Field trial – I-20- August 2015

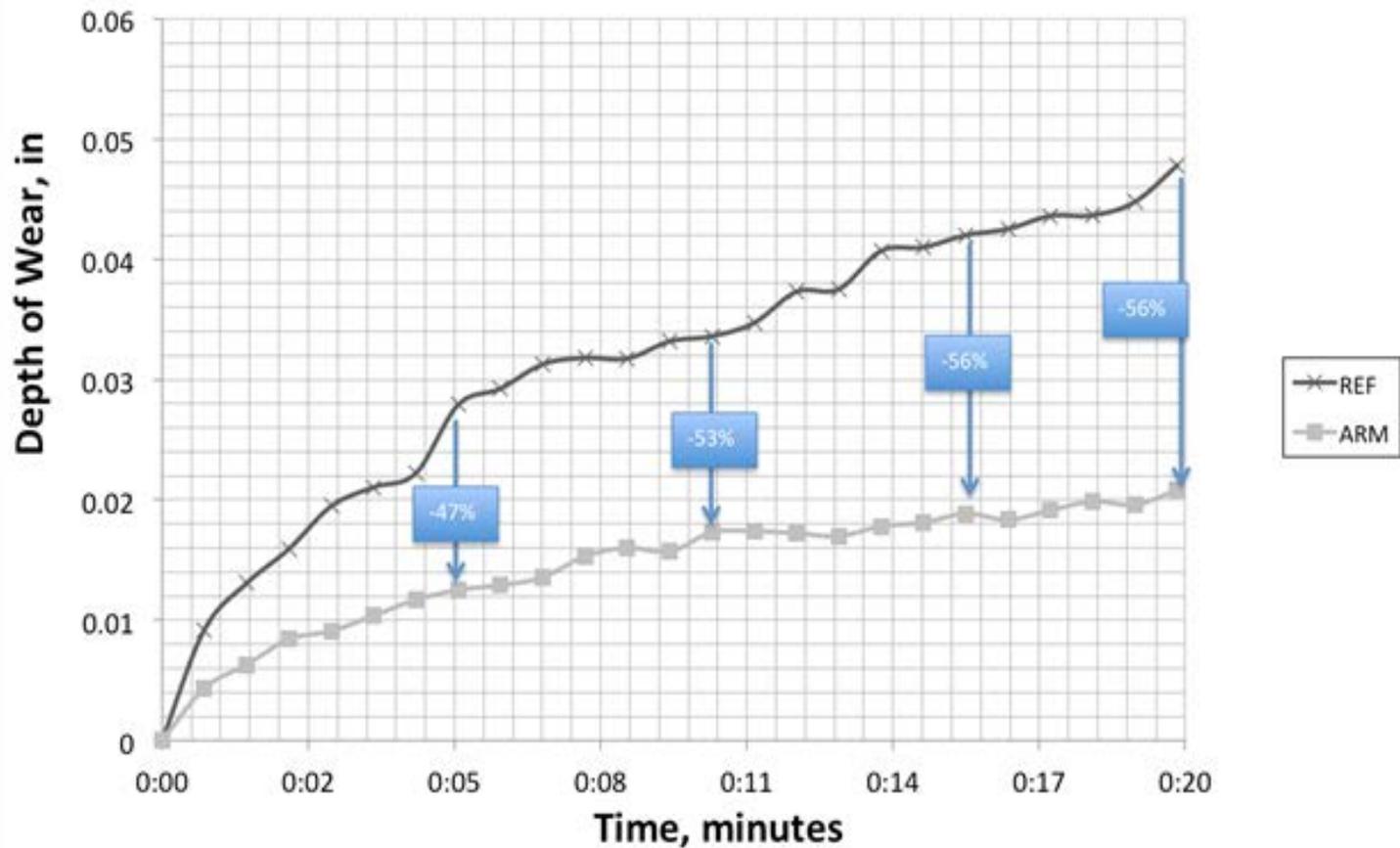
GDOT I-20 Field Trial Compressive Strength



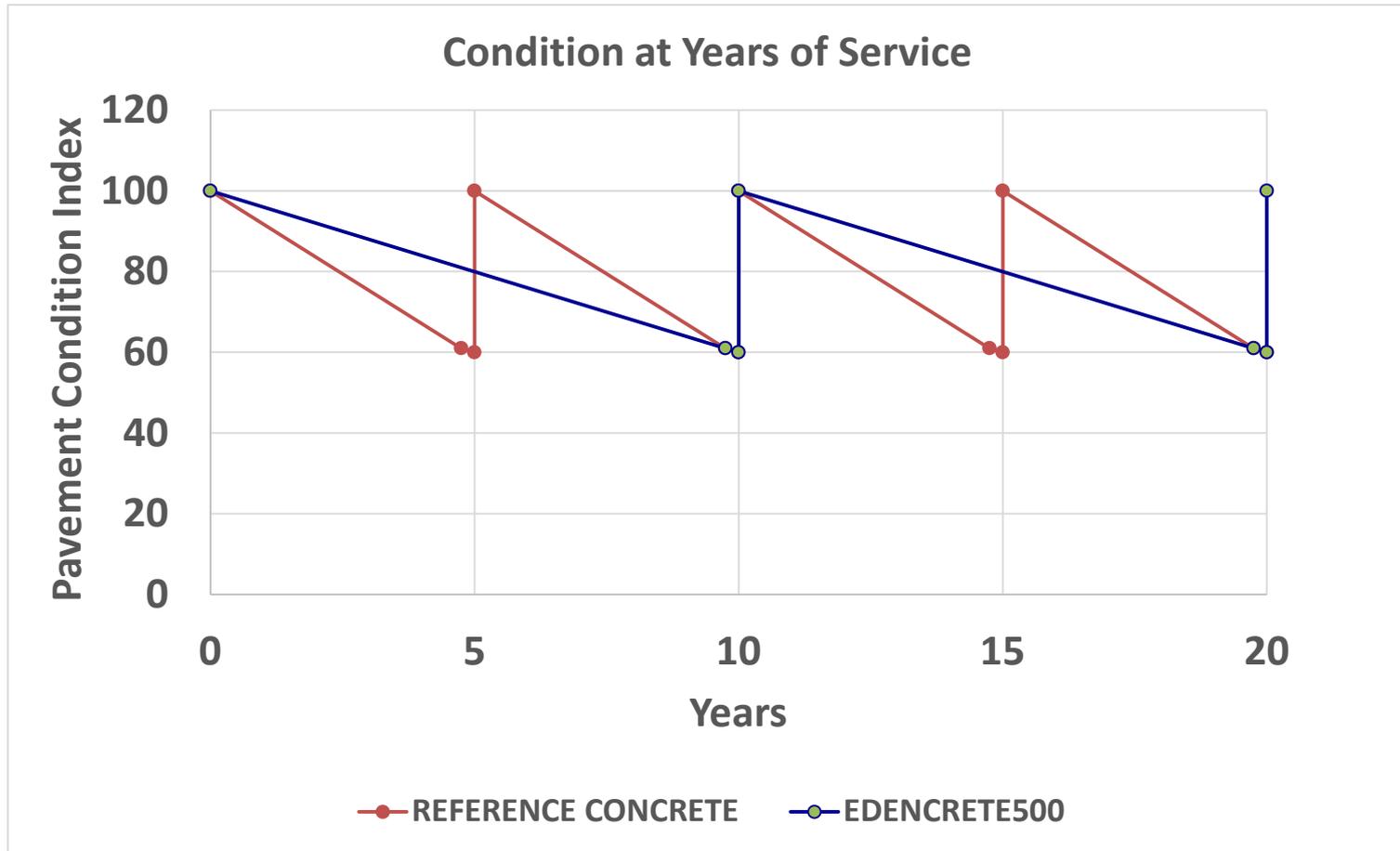
GDOT I-20 Field Trial Abrasion Resistance



ASTM C 779 - Procedure C
Abrasion Resistance of EdenCrete500

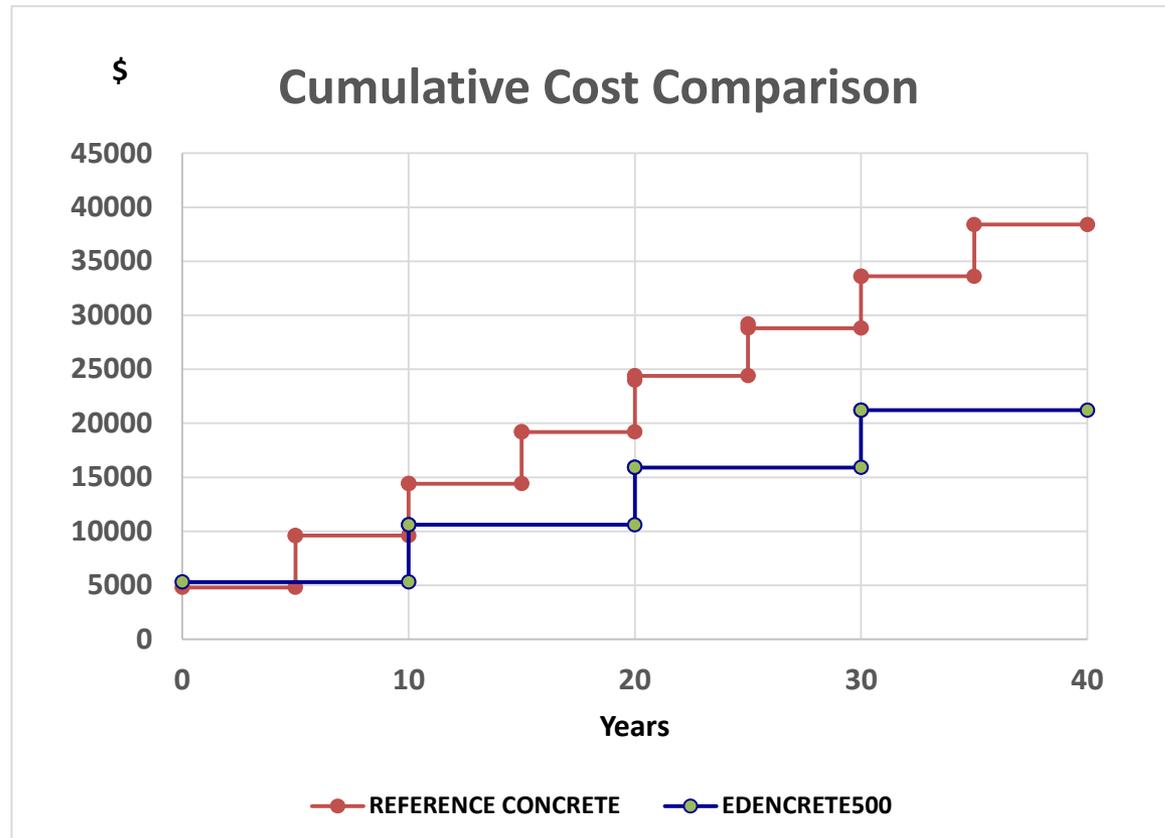


GDOT Condition at Years of Service



Using EdenCrete the period between scheduled maintenance events will be doubled.

GDOT Cumulative Cost Comparison



**Using EdenCrete for 25 years, 60% more repairs can be achieved on the same budget.
Based on GDOT actual costs for I-20 Field Trial**

EdenCrete- Cost Benefit Analysis



- **Projected Extra Cost For GDOT**
(Based on total GDOT costs per yd³) - **≈3%-20%***
- **Anticipated Increased Service Life - >100%**
- **Anticipated IRR- < 50%**

*Application Rate will vary for different targeted applications

US Marketing Plans



Initial target markets

US Infrastructure / Pre-fabricated Concrete / Ready Mix Concrete

- **US Infrastructure**- including interstate highways (73,000kms*) and bridges
 - **Interstate Highways** - \$40bn est. annual repair bill
 - use≈380mt of concrete p.a.(40% of US concrete market)*
 - **Georgia Infrastructure**
 - Over 15,000 bridges- more than 4,000 identified as non-repairable
 - Estimated bridge replacement costs- over US\$300m p.a. for 20 years

US Surface Transportation Act- Nov 2015- secures funding for DOT for 6 years

(*derived from US Geological Survey Data -2005)



US Infrastructure

Georgia – GDOT Field Trial completed – I-20 Interstate Highway

- **GDOT approval -“Allowed For Use”** in 24-hour repair mix
- **Field Trial approved** for Class A Mix- all other uses

Colorado- Preliminary interest from CDOT

Ready Mix Concrete

- **First commercial sales- US - Colorado**
- **Trials (ongoing) in Australia / US** by major concrete companies

Pre-fabricated Concrete

- **First commercial sales –US – floor tiles**

US Production Scale-Up



- **Colorado** -production expansion underway – - 250,000 gallons of EdenCrete p.a. - approx 9 months
- **Georgia** - Proposed production expansion -12.5m gallons of EdenCrete p.a. rising to 50m gallons p.a. - 18-42 months
 - Planning underway
 - Sufficient for \approx 4% of annual US Interstate Highway requirements
 - Preliminary budget - <US\$70 million
- **Possible future expansion- Georgia** - < 250m gallons p.a.

US Production Scale-Up



- **Georgia Progress**

- **State / County incentives** being negotiated- potential > US\$20m in value
- **Suitable land** under conditional contract/ Plant design started
- **Preliminary finance** discussions held
- **Marketing progress** with various Georgia based companies

OptiBlend™ Dual Fuel System



- **Displaces up to 70% of diesel with natural gas** in diesel engines
- **US market**- shale gas exploration / back-up power
- **Indian market** –gensets / locomotives / shale gas exploration
- **Significant cost savings**
 - Payback period often less than 12 months for larger gensets
- **Total sales to date >140 units (≈US\$4.5million)**
- **Cummins Inc** selected OptiBlend™ for its drilling rig power modules
- **Significant long term potential**- several new projects under discussion
- **Some recent sales** after 12 months slowdown



ASX: EDE

Greg Solomon

Executive Chairman

Level 15, 197 St Georges Terrace,

Perth, Western Australia,

Telephone +618 9282 5889

Email gsolomon@edenenergy.com.au

Website: www.edenenergy.com.au