

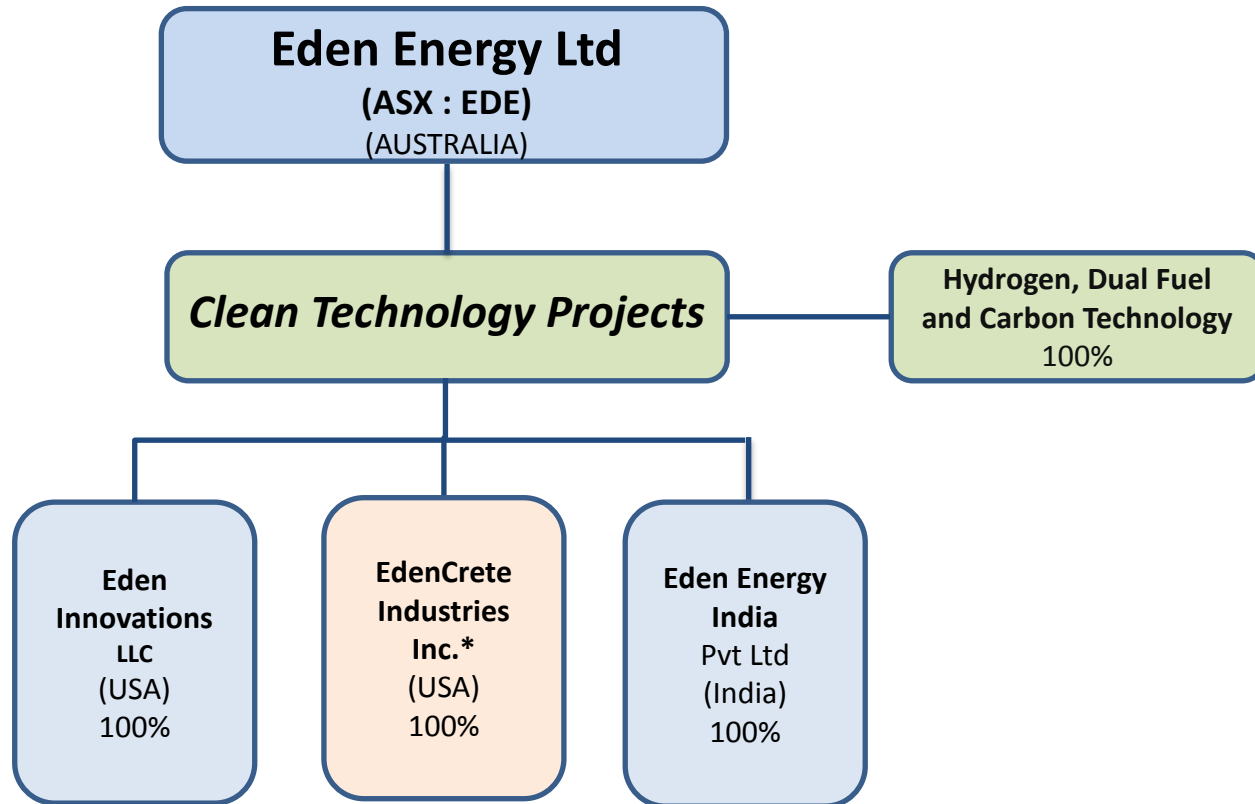


Investor Presentation

Greg Solomon
Chairman
July 2015



Corporate Structure



*EdenCrete Industries Inc. is to be the US EdenCrete™ production and marketing company

Carbon Nanotube Project

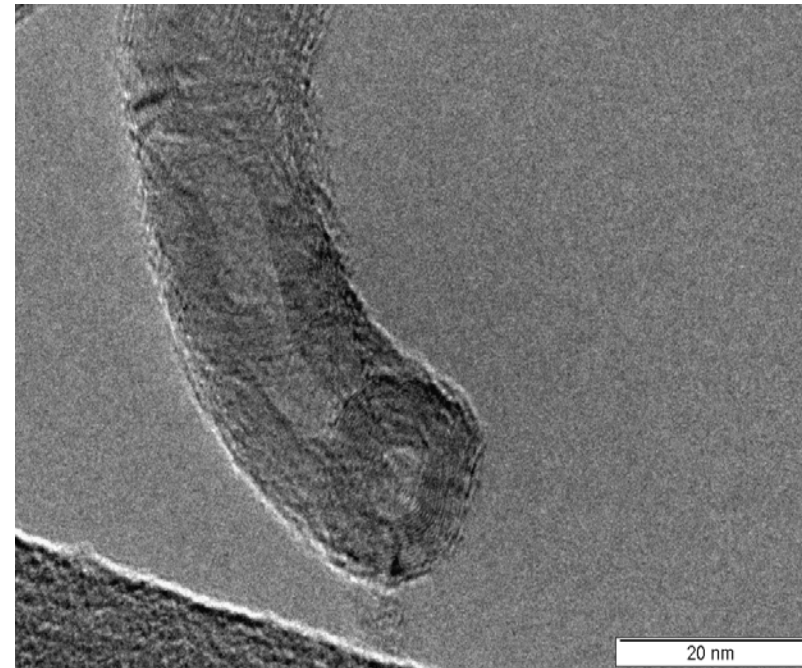


Eden/UQ Developed Pyrolysis Process CNT/CNF from Natural Gas with no CO₂ (Eden 100%)



Multi-walled carbon nanotubes:

- Tensile strength - 200-300x steel
 - Approx. 17% the weight of steel
 - High electrical/thermal conductivity
 - Bulk uses –
concrete/plastics/polymers
 - ARC project with University of
Queensland on plastics/ polymers
- **Patents in 8 countries**



TEM image of Eden's MWCNT

Eden's CNT/CNF Production



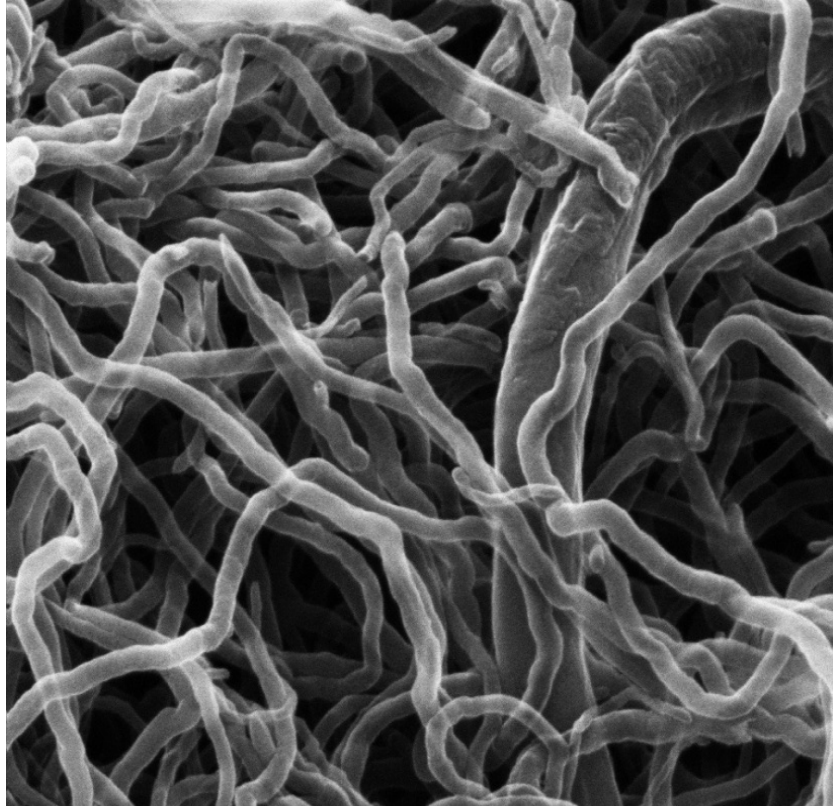
- **Eden's Pilot Commercial Scale Reactors, Denver**
- **Scalable, modular reactors**
- **Efficient catalyst production**
- **High quality/low cost CNT/CNF**

Development of CNT in Concrete



- **Significant global research conducted over 5 - 8 years**
- **Eden Innovations (Denver)** - Testing and developing for 4 years
- **Civil Contractors Federation Environment Award** - Australia 2014
- **Monash University (Melbourne) – Collaboration** - 2011-2014
- **Deakin University (Melbourne) – Proposed Collaboration** - 2015-2018
 - 2015 ARC Linkage Grant - \$300,000 funding over 3 years
- **Independent US and Australian trials** - 2015

CNT in Fresh Cement Paste



ZEISS CARL ZEISS SMT	Field Of View 1.50 um	200.00 nm	Dwell Time 3.0 us	Date: 2/16/2012 Time: 3:10 PM
	Working Dist 11.9 mm	Acceleration V 29.8 kV	Mag (4x5 Polaroid) 76,200.00 X	Blanker Current 0.5 pA

Build-up of dense, hydrated cement on surface of CNT (top right)

- **CNT provide:**
 - nucleation points for cement hydration
 - nano-scale fibre re-enforcement.
- **CNT facilitate denser, stronger cement**
- **Other larger-scale fibres provide only nano-scale fibre reinforcement.**

Monash University Helium Ion Microscope Image

CNT in Concrete - Benefits



- **Benefits – denser, stronger, tougher concrete**
 - **Reduced costs** - building / maintenance
 - **Less concrete / less steel re-enforcing** required
 - **Greater strength** - compressive and flexural/tensile
 - **Reduced abrasion** - longer life, harder wearing concrete
 - **Reduced corrosion** - denser, less permeable concrete
 - **Liquid surfactant** added during batching process

US and Australian Concrete Trials

- **Results from US and Australian Trials include:**
 - **Compressive strength - < 39% increase**
 - **Tensile strength - < 48% increase**
 - **Permeability - < 55% reduction (improvement)**
 - **Abrasion rate - < 48% reduction (improvement)**

US / Australian Trial Results



US Trials 2015 –Metro Mix- Colorado- Moderate Strength Concrete

	Compressive Str (psi)			Tensile Str (psi)			B Electrical Perm (kΩ.cm)		
	21 D	28 D	56 D	21 D	28 D	56 D	21 D	28 D	56 D
Control	4681	4981	5195	-	319	343	-	3.7	4.1
EdenCrete 500	5792	5843	6694	-	463	507	-	5.7	6.3
Precent Inc from Control	24%	17%	29%	-	45%	48%	-	53%	55%

Australian Trials 2015 –Global Concrete Company- High Flex Strength Concrete

	Compressive Str (Mpa)			Flexural Str (Mpa)			B Electrical Perm (kΩ.cm)		
	7D	28 D	56 D	21 D	28 D	56 D	21 D	28 D	56 D
Control	41	56.5	-	-	6.4	-	-	-	-
EdenCrete 500	55.5	78.5	-	-	7.7	-	-	-	-
Precent Inc from Control	35.37%	38.94%	-	-	20.31%	-	-	-	-

First US Commercial Projects



First US Commercial Projects



First US Commercial Projects



27 July 2015

First US Commercial Project



27 July 2015

First US Commercial Projects



27 July 2015

First US Commercial Projects



27 July 2015

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

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**
 - Includes a network of major interstate highways
 - Over 15,000 bridges- more than 4,000 identified as non-repairable
 - Estimated bridge replacement costs- over US\$300m p.a. for 20 years

(*derived from US Geological Survey Data -2005)

US Production and Funding Strategy



- **Expand production to 1,000 tonne p.a. CNT - 18-42 months**
 - Sufficient for $\approx 4\%$ of annual US Interstate Highway requirements
 - Preliminary budget - US\$52-65 million
- **Future planned expansion- 10,000 tonnes pa of CNT**
- **Funding Strategy**
 - State Government / County / Authorities Incentives
 - Equity- existing shareholders and new investors
 - Debt financing- dependent on off-take agreements
 - Future cash flow and debt financing

Progress to date

- Initial approaches to Georgia DOT and Colorado DOT
- On-going trials in Colorado and for pre-fabricated concrete products
- Georgia DOT - laboratory tests/field trials anticipated - August 2015
- Design work for first stage CNT production scale-up underway
- Various factory sites in Georgia being investigated
- State Govt / County / Authorities Incentives being discussed
- Other possible locations may be considered
- Decisions targeted within 2-3 months

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

Corporate Details*



ASX Codes:	EDE, EDEO
Total Issued Shares:	945m
Total Issued Options:	190m
(3 cents- 30 Sept 2018)	
Share Price:	\$0.052
Market Capitalisation:	\$49.1m
Major Shareholder:	Tasman Resources Ltd – 46.16%

* As at 24 July 2015



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