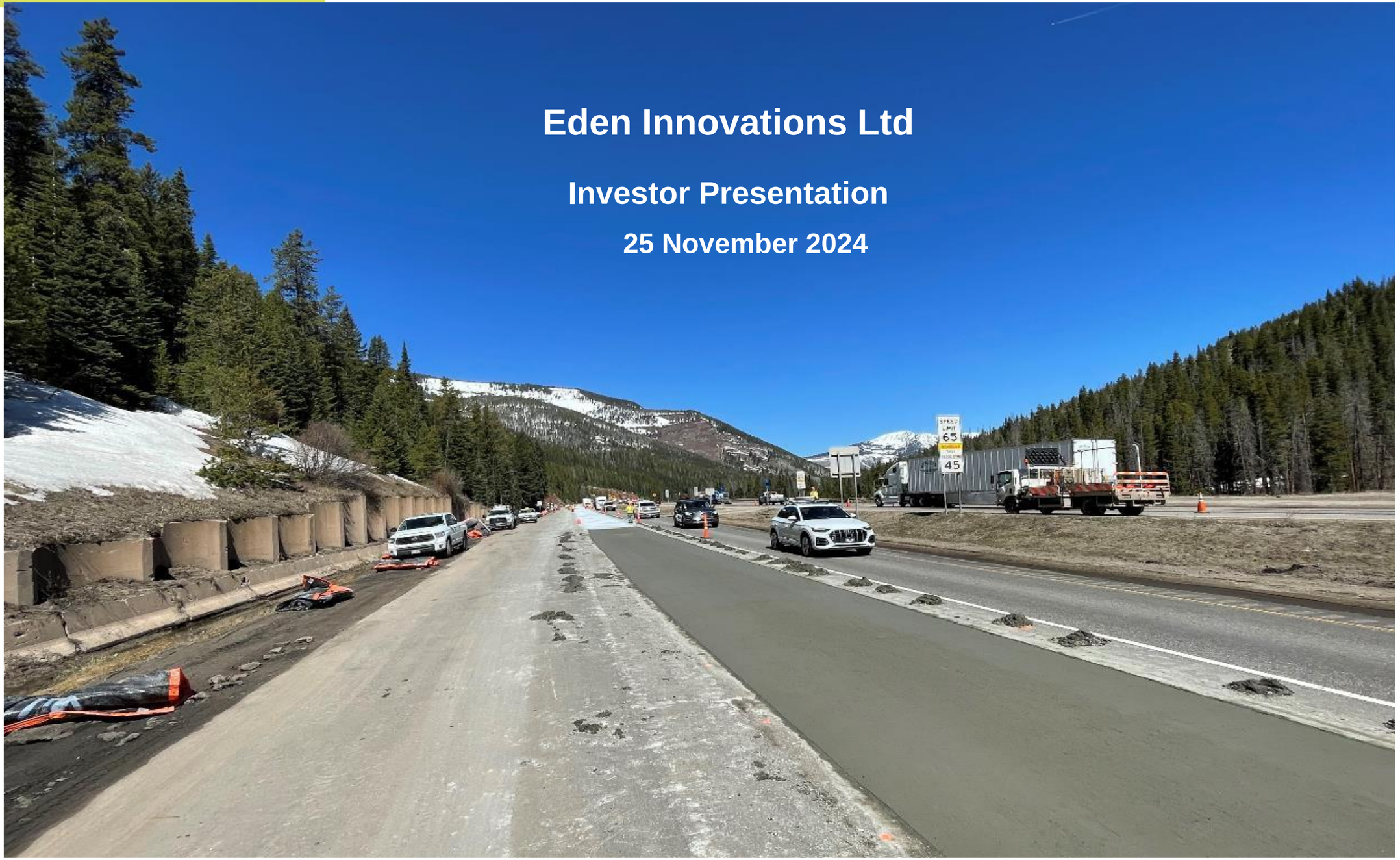
Eden Innovations Ltd

Investor Presentation

25 November 2024



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", "budgeted", "forecast", "targeted" 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.

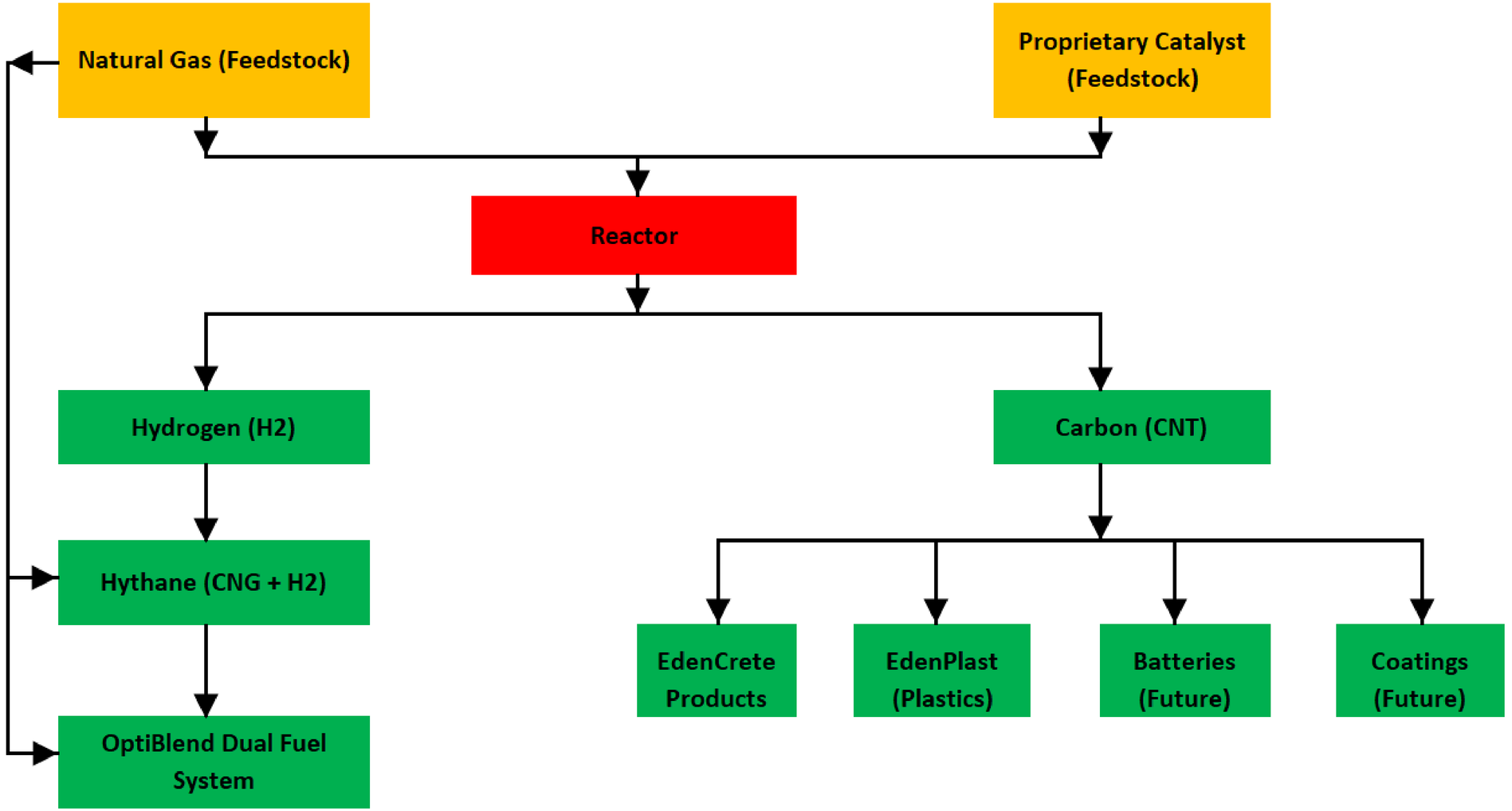
Forward-looking statements include, but are not limited to, the following:

Statements relating to Eden's budgeted, forecast and targeted revenue, 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).

Eden's Product Flowchart



Eden's Core Technologies

- **Producing Carbon Nanotubes (75% by mass) + Hydrogen (25% by mass) from Natural Gas**

  - CH_4 + heat → C + $2H_2$ (without Producing any CO_2)

  - **Carbon Nanotubes (CNT) –** Ultra-strong, highly conductive (thermal, electrical) carbon nano-particles
  - **Hydrogen –** using renewable power produces turquoise hydrogen and CNT produced, without producing CO_2.
- **Producing EdenCrete® Products - ASTM and NTPEP Qualified, CNT-enriched, high performance liquid concrete additives.**
  - **EdenCrete®Pz & EdenCrete® Pz/Pz7 -** deliver high performance, low cost, low CO_2, high percentage pozzolans (fly ash/slag) concrete with a low percentage Portland cement.
  - **EdenCrete® -** delivers higher performance, longer lasting, more durable and sustainable concrete
- **Hythane®** – Hydrogen-enriched Natural Gas (methane)
- **OptiBlend® -** Dual fuel system to run diesel engines on < 70% Natural Gas (< 80% on Hythane®)
- **EdenPlast® -** CNT enriched, high performance plastics and polymers

Eden: Technology and Value Proposition

Value proposition

- All products developed in-house & 100% owned, can reduce CO_2 footprints of concrete, polymers, batteries etc.
- Large emerging global markets for all products.
- Strong patent portfolio.
- Over US$70 million spent on development, marketing, patents since 2004.
- Global interest in Eden products/processes.

Core Pyrolysis Process

- CH4 ➛$2H_2$ + C (CNT) - No CO_2 produced - Turquoise H_2 delivered if renewable energy used.
- Produces only carbon nanotubes and hydrogen.
- Proprietary catalyst (no noble metals).

Commercial products

- Three CNT-enriched liquid EdenCrete concrete admixtures ,all approved under ASTM and NTPEP in USA.
- Sales - USA, Ecuador, India, Australia, France, Israel etc. Major target market - strong, low cost, low carbon concrete.
- OptiBlend™ (CNG or Hythane/ Diesel) Dual Fuel system.
- CNT-enriched polymers (EdenPlast™).
- Hythane™ (CH4 + H2 mixture).

Future downstream products

- CNT- Battery Electrode Applications (in trials).
- CNT- Conductive Coatings (proposed).

CNT-enriched Liquid Concrete Admixtures

Deliver more durable, higher performance concrete with significant CO2 reductions

EdenCrete® Pz / Pz7 are cost effective, carbon nanotube enriched liquid admixtures that are mixed into any wet concrete (including high pozzolan mixes (fly ash and slag) that :

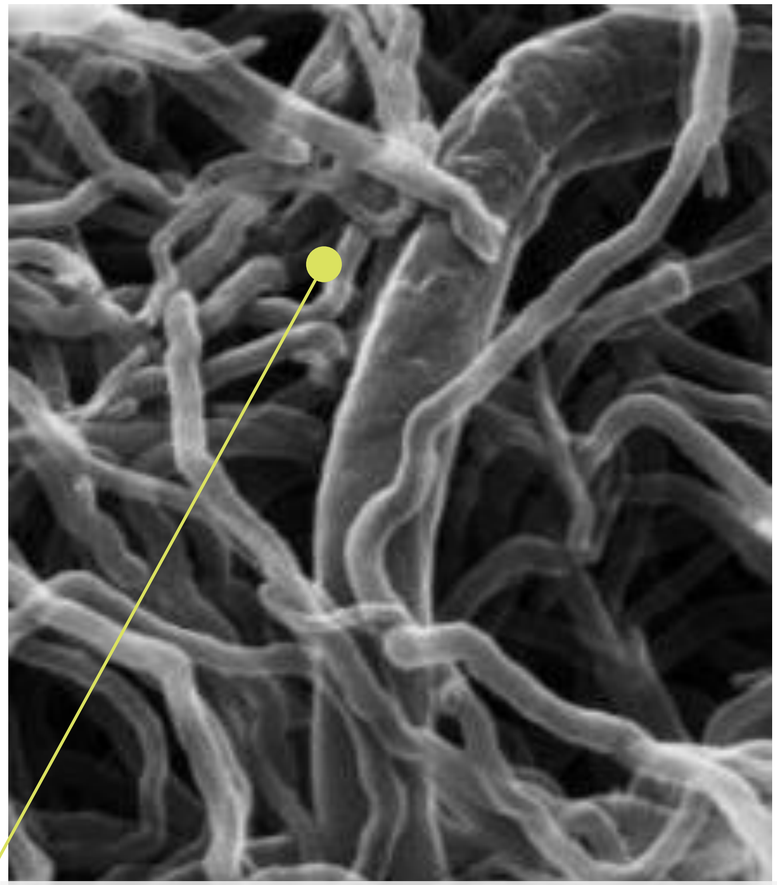
- Often increase compressive strength and abrasion resistance, reduce permeability, and can also improve flexural strength and other characteristics; and
- Often enable significant increases in pozzolans (up to 60%) in concrete mixes to be used, greatly reducing CO_2 footprint of the concrete.

EdenCrete® is a carbon nanotube enriched liquid admixture that is mixed into wet Portland concrete:

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

Carbon Nanotubes and Concrete

- CNT – in concrete act as nucleation points for dense cement hydration - builds on all surfaces of CNT.
- CNT - Create quintillions (10^{18}) of flexible, super-strong carbon nano-structures throughout the concrete.
- CNT - Produce stronger, tougher and more durable concrete.
- CNT - Produce stronger, tougher, more durable plastics.
- H_2 produced is equal to 33% (by weight) of CNT produced.
- As more CNT required, supply of H_2 grows.



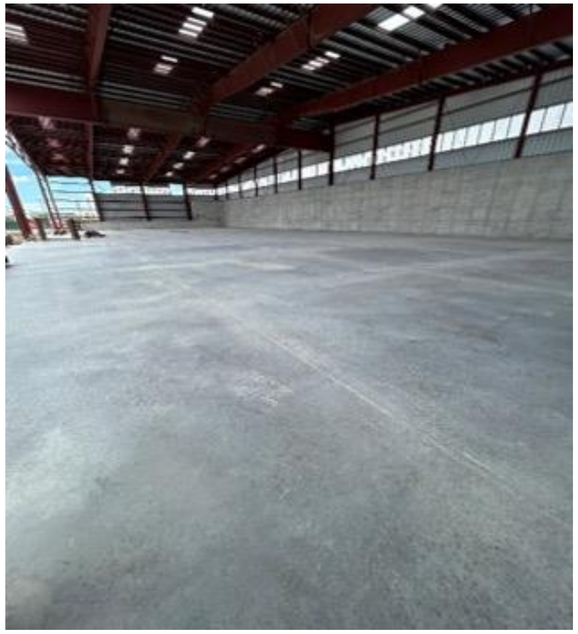
Carbon nanotubes in fresh cement paste
Monash University - Helium ion microscope image

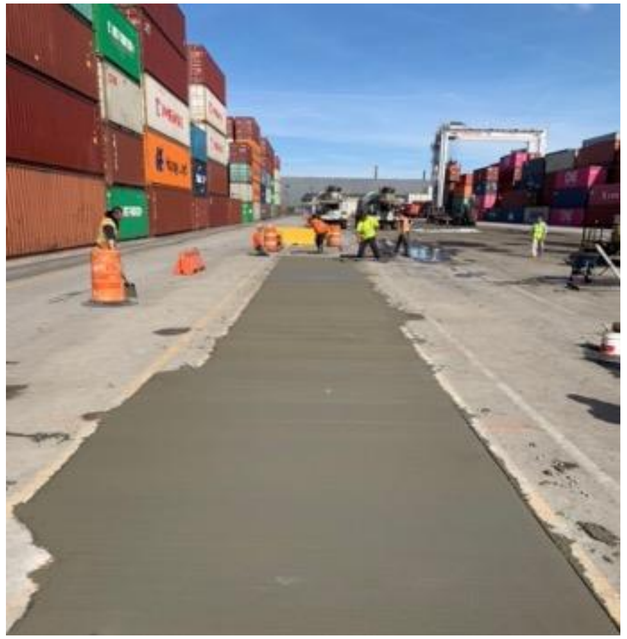
EdenCrete® - Major Global Market Growth Underway

STRONG, LOW COST, LOW CARBON CONCRETE

- **Greatest EdenCrete® market growth** expected for strong, low cost, low carbon concrete using higher proportions of low carbon, lower cost fly ash and/ or slag to replace up to 50% or more of Ordinary Portland Cement (OPC) in the concrete.
- **Huge global stockpiles of waste fly ash** available in many countries resulting many decades of coal- fired power production.
- **Holcim - a major global cement / concrete company** - trialling EdenCrete® products for 2 years in 6 countries (France, USA, Ecuador, UK, Canada, Mexico) spread across 3 continents (Europe, North America, South America).
- **First orders for bulk supplies of EdenCrete® Pz7** received from 2 Holcim concrete plants in Ecuador and 1 in USA (with a second US plant in immediate future) for use in strong, low cost, low carbon concrete.
- **Growing number of similar orders expected** from Holcim plants both from Ecuador and USA as well as Canada, UK and Mexico.
- **Numerous major companies (other than Holcim) undertaking similar trials** in USA, India, and Indonesia.

Examples of US EdenCrete® Infrastructure and Construction





EdenCrete ® - 3 Year Comparative Wear Trial with Colorado DOT

- **Colorado DOT has for the past three years carried out a field trial on the I-70 Interstate Highway at the Vail Pass (altitude 10,000 feet approx.)** to compare the wear sustained by three different concrete mixes, each being installed in 100 yards sections in the same lane of the I-70 near the crest of the Vail Pass.

- **The section of highway where the trial is being conducted, is subject to extreme frigid winter conditions with heavy snow and ice** that necessitates the frequent and heavy application of corrosive de-icing chemicals, frequent use of snow ploughs to clear the lane, and the mandatory use by trucks and cars of snow chains to increase traction. The trial is continuing and being monitored by many other DOTs that have roads that are subject to freezing winters.

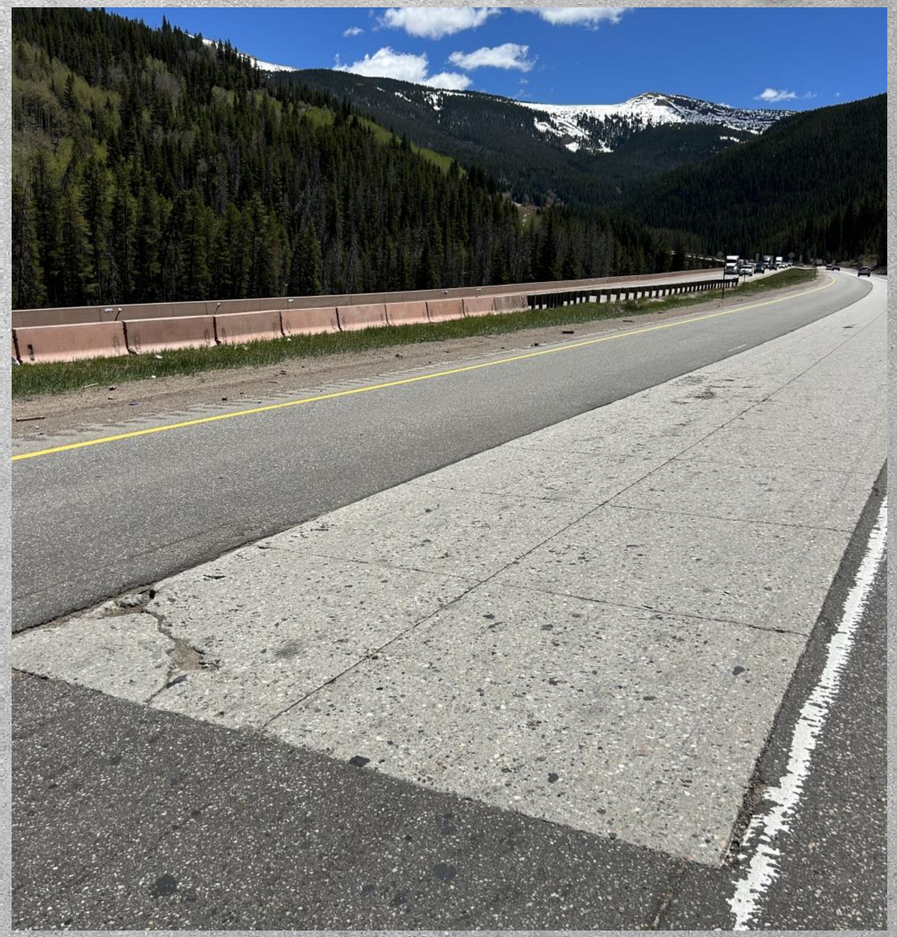
- **The three concrete mixes that are being trialled are:**
  - The base concrete mix with no performance additives **("Reference");**
  - The second concrete using the same base mix but with silica fume added **("Silica Fume");**
  - The third concrete, using the same base mix but with EdenCrete® added **("EdenCrete®").**

- **The following three slides,** all taken at annual intervals, show the progressive, comparative performance of the three different concrete mixes after each of the three years.

Reference (Concrete with no additives) - Beginning Section (wear over 3 years)

May 10, 2022

September 5, 2023



June 5, 2024

CDOT Region 3 Vail Pass Trial

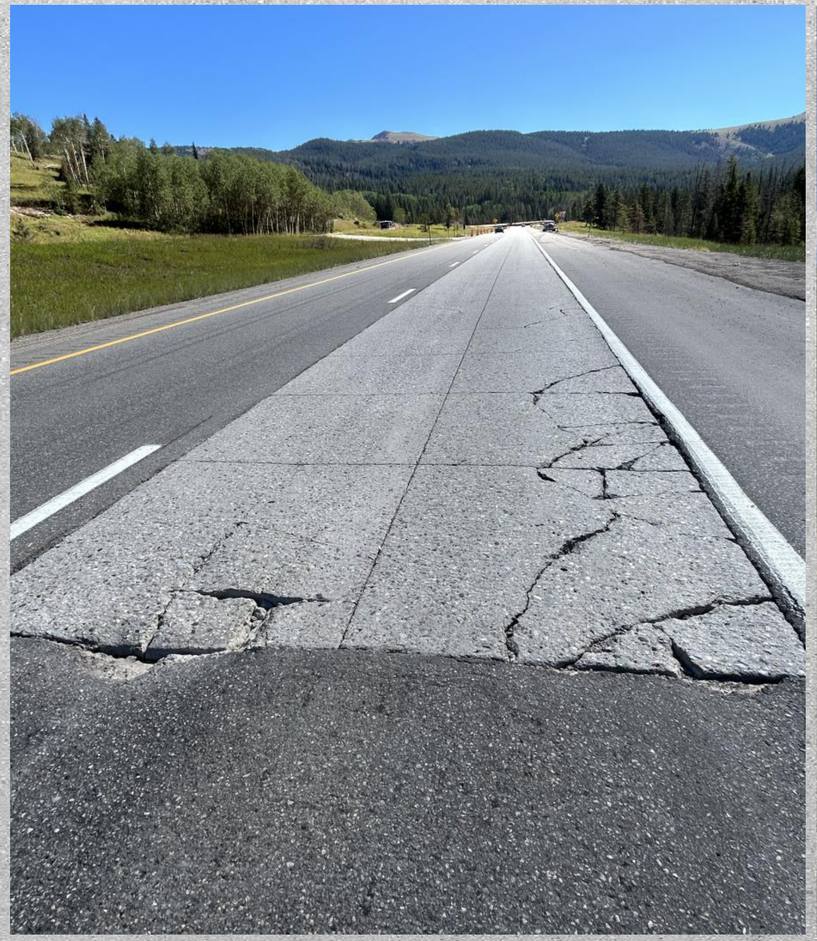
Interstate 70 Concrete Trial – Rutting, Abrasion, and Deicer Scaling Resistance

CARBON CONCRETE ADDITIVE

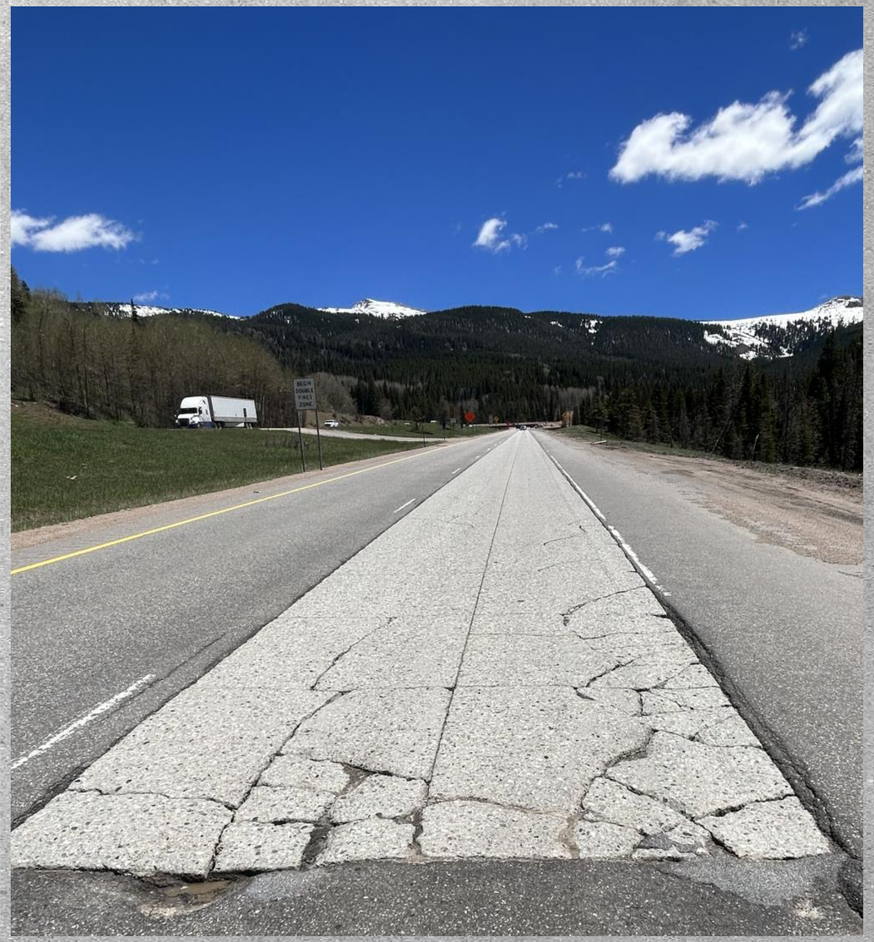
EdenCrete

Silica Fume (Concrete with Silica Fume added) - Beginning Section (wear over 3 years)

May 10, 2022



September 5, 2023



June 5, 2024

CDOT Region 3 Vail Pass Trial

Interstate 70 Concrete Trial – Rutting, Abrasion, and Deicer Scaling Resistance

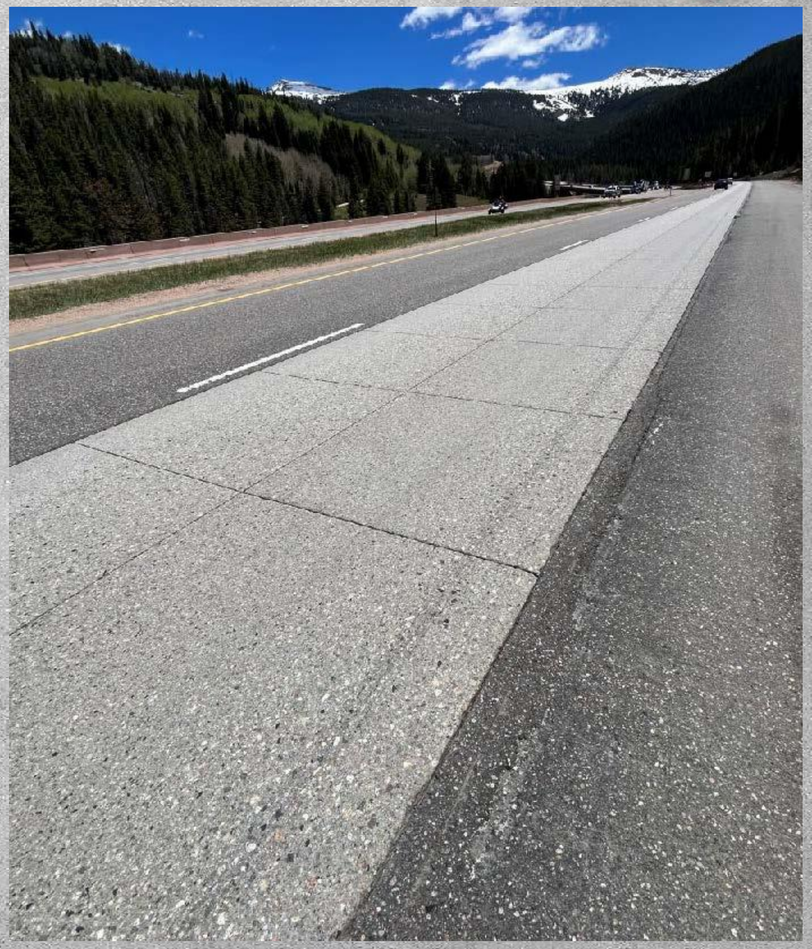
CARBON CONCRETE ADDITIVE

EdenCrete

EdenCrete® (Concrete with EdenCrete® added) - Beginning Section (wear over 3 years)

May 10, 2022

September 5, 2023



June 5, 2024

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Interstate 70 Concrete Trial – Rutting, Abrasion, and Deicer Scaling Resistance

CARBON CONCRETE ADDITIVE

EdenCrete

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OptiBlend® - 100% owned, world leading dual fuel system

- **OptiBlend® - Eden's designed, built and custom fitted hardware technology**
  - Allows conventional diesel engines to run on natural gas or Hythane® as its primary fuel (< 70% Natural Gas or < 80% on Hythane®) without modifying the engine or diesel fuel system

- **Marketed in US and India for 12+ years, over 350 systems sold**
  - Sales in USA , India, Middle East, Africa and East Asia
  - Over US $18 million in sales to date.

- **Significant market growth**
  - Reduces CO_2 footprint of diesel generators
  - Extends back-up operating time of diesel fuel by up to 200%
  - Global market growing – back-up power /off-grid power requirements

- **OptiBlend® Benefits**
  - Lower fuel costs, lower emissions/CO_2 footprint, increased runtime
  - Highly efficient, cost-effective -reduced fuel cost and emissions
  - Used on oil/gas drilling/fracking power modules and for back-up and/or prime power
  - Installed on most major global brands of diesel engines

Optiblend® Fuel Control Valve (left) and Air-Gas Mixer (right)

EdenPlast®

Eden Commercialising EdenPlast®

CNT enriched plastics

- Patented, cost effective processes
- Uses CNT produced by Eden

Highly encouraging results

- Increase in strength and stiffness
- Increase in electrical conductivity
- UV/weathering resistance improved

Current target markets

- Automotive, aerospace, packaging
- Batteries - cathodes
- Non-corroding reinforcing material
- Global plastics market ~US$600 billion p.a.

Commercialisation

- Japanese trial with CNT enriched masterbatch (containing 37% by mass of CNT)
- Target to try and find first commercial customer over next 12 months

Eden’s – Intellectual Property

Eden (Australia) holds a number of patents, patent applications, trademarks in key countries for hydrogen, Hythane®, EdenCrete®, EdenPlast®, CNT applications

- Hythane® System
- Hythane® Blending
- Hydrogen Internal Combustion Engine
- Pyrolysis Process to produce Hydrogen and CNT
- EdenCrete® (1 patent / 1 application)
- EdenCrete® for EMP shielding
- EdenPlast® (1 patent / 1 application)

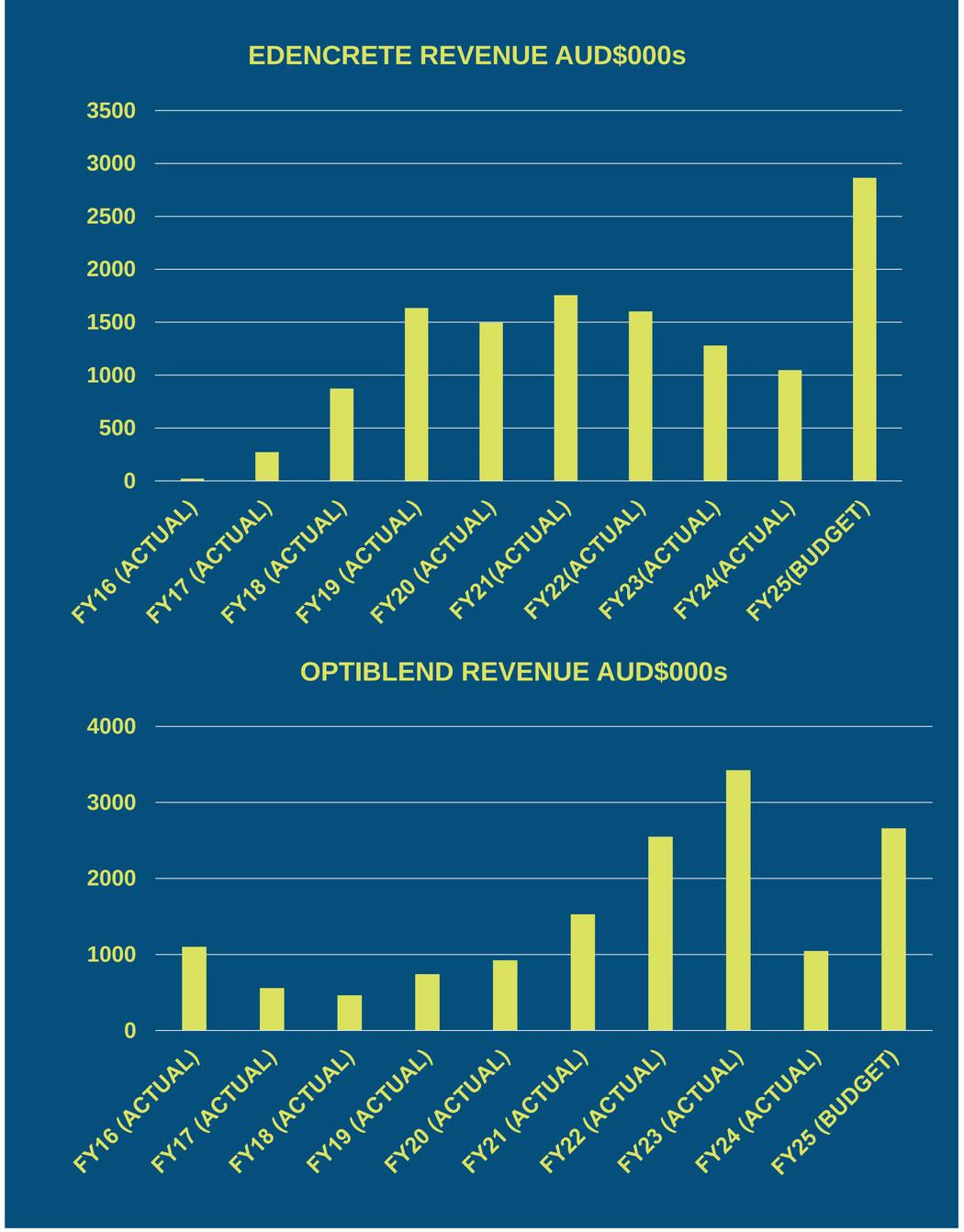
Commercialisation Progress*

EdenCrete®

- Expanding market penetration into shotcrete for all users – residential, commercial, and infrastructure.
- Increasing repeat business customers in US - government and private.
- Significant emerging potential in international markets - Europe, India, Australia, Israel, Korea.

OptiBlend®

- One-off contracts customised to customer's requirements
- Typically installation plus unit purchase – US $23k-40k (AU $30k-50k).
- Significant growth potential, particularly in India, due to proposed government ban on diesel-only power generation in greater Delhi area during winter.



* These budgeted revenue projections for FY25 are subject to the risk factors and qualifications detailed in Slide 2 and 18.

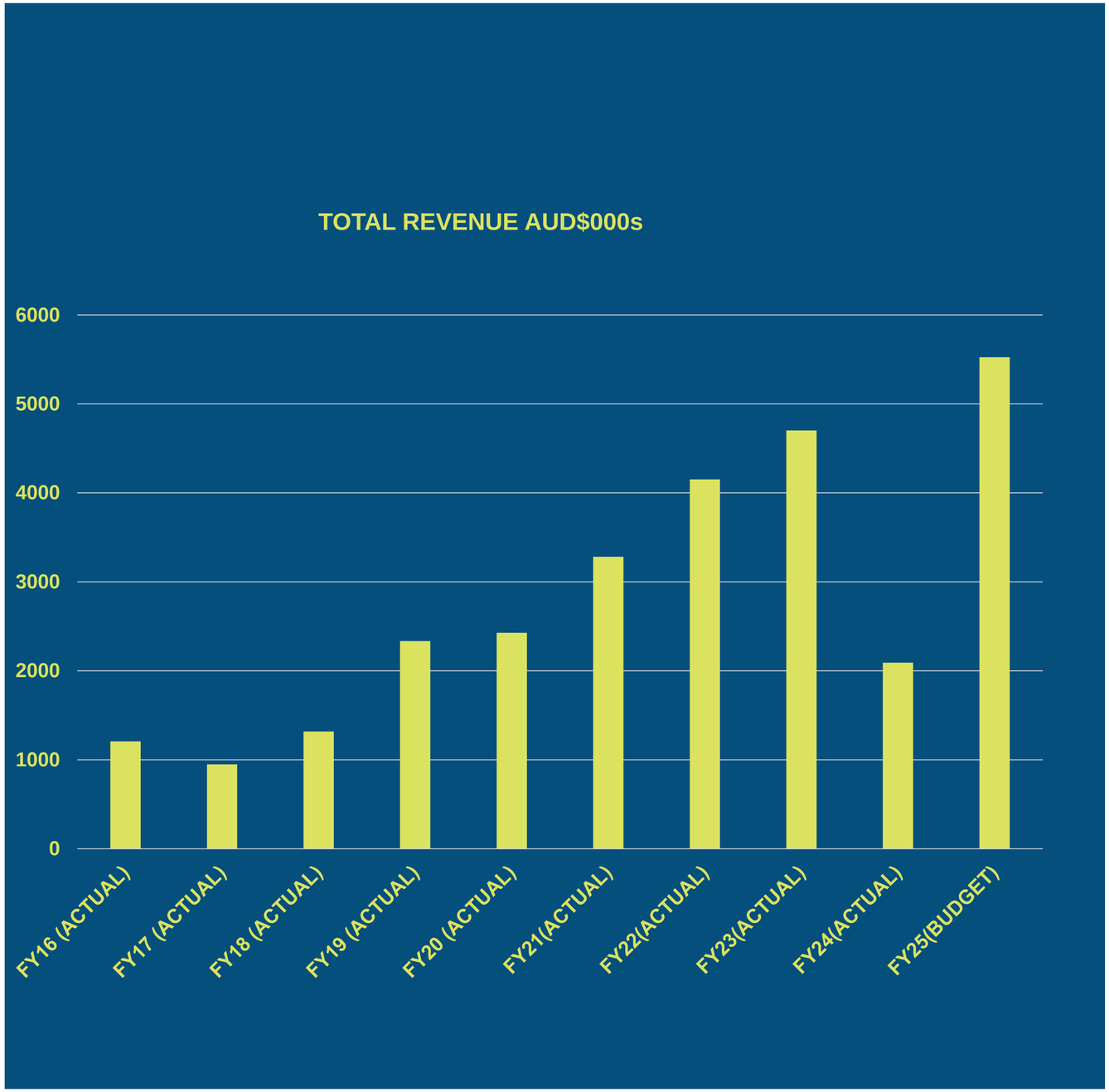
TOTAL FORECAST REVENUE FY25

Based on total budgeted revenue from EdenCrete® and OptiBlend® in FY25

Risk factors and Qualifications

The targeted revenue and budgeted revenue numbers in slides 17-18 are subject to change that could arise from any external risks and other factors outside of Eden's control including, but not limited to the risks detailed in Slide 2 and:

- The number of new customers, the number of repeat customers, and volume of repeat business, not continuing to grow at the rates that have occurred over the past 6 months;
- a major upheaval, including any civil, military, or economic disruption, in or to any of Eden's markets or product supply lines occurring.



Corporate Snapshot

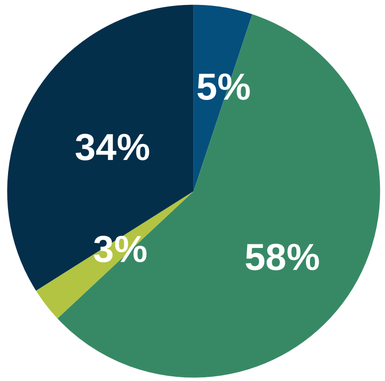
CORPORATE STRUCTURE

Eden Innovations Ltd
Established 2004
Perth, Australia

Eden Innovations LLC
Established 2004
Denver, USA

Eden Innovations India Pvt Ltd
Established 2007
Ahmedabad, India

SHAREHOLDERS



- Board & management
- Aust Institutional & Other
- Overseas Institutional & Other
- Tasman Resources

Note: Tasman Resources is 37% owned by Eden Innovations Directors Gregory Solomon and Douglas Solomon

eden Innovations that work.™

CAPITAL STRUCTURE

Eden Innovations Ltd	
ASX Symbol	**EDE [1]**
Issued shares	4,108,209,381
Stock Price [2]	AUD$0.002
Market Cap [3]	~ AUD$8 million
Cash [4]	~ AUD$0.9 million
Debt [5]	~ AUD$12.5 million

1. Eden Innovations Ltd listed on the ASX on 6th June 2006
2. Volume Weighed Average Price (VWAP) over preceding 4 weeks to 21 November 2024
3. Calculated on VWAP as noted above
4. Cash as at 30 September 2024 of $864,000
5. Debt – USD$5.8million (~AUD$8.4 million) of total debt is secured against US real estate owned by Eden that was extended to February 25, and that has an appraised value in October 23 of over USD$11million (AUD$16.8m). The balance of the debt (AUD$4.1million) is an unsecured loan from the Company's largest shareholder Noble Energy (wholly owned subsidiary of Tasman Resources).
6. Eden is considering a consolidation of its share capital.

EDE:ASX

Eden ASX Price/ Volume Graph - 2006 to 2024

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