



Innovations that work.™

ACN 109 200 900

## AUSTRALIAN SECURITIES EXCHANGE ANNOUNCEMENT

20 August 2025

### Updated Investor Presentation

**Eden Innovations Ltd ("Eden") (ASX: EDE)** is pleased to provide the following Investor Presentation to shareholders.

This presentation is updated from the copy provided to ASX on 15 August 2025, to include details of the maiden EdenCrete®Pz7 order for from Innocon, a Canadian-based Holcim Group subsidiary (see ASX announcement dated 18 August 2025).

A handwritten signature in black ink, appearing to read "Greg Solomon".

**Greg Solomon**  
**Executive Chairman**

This announcement was authorised by the above signatory.  
For further information please contact Greg Solomon on +61 8 9282 5889.



# Eden Innovations Ltd

## Investor - Presentation

20 August 2025





# 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.

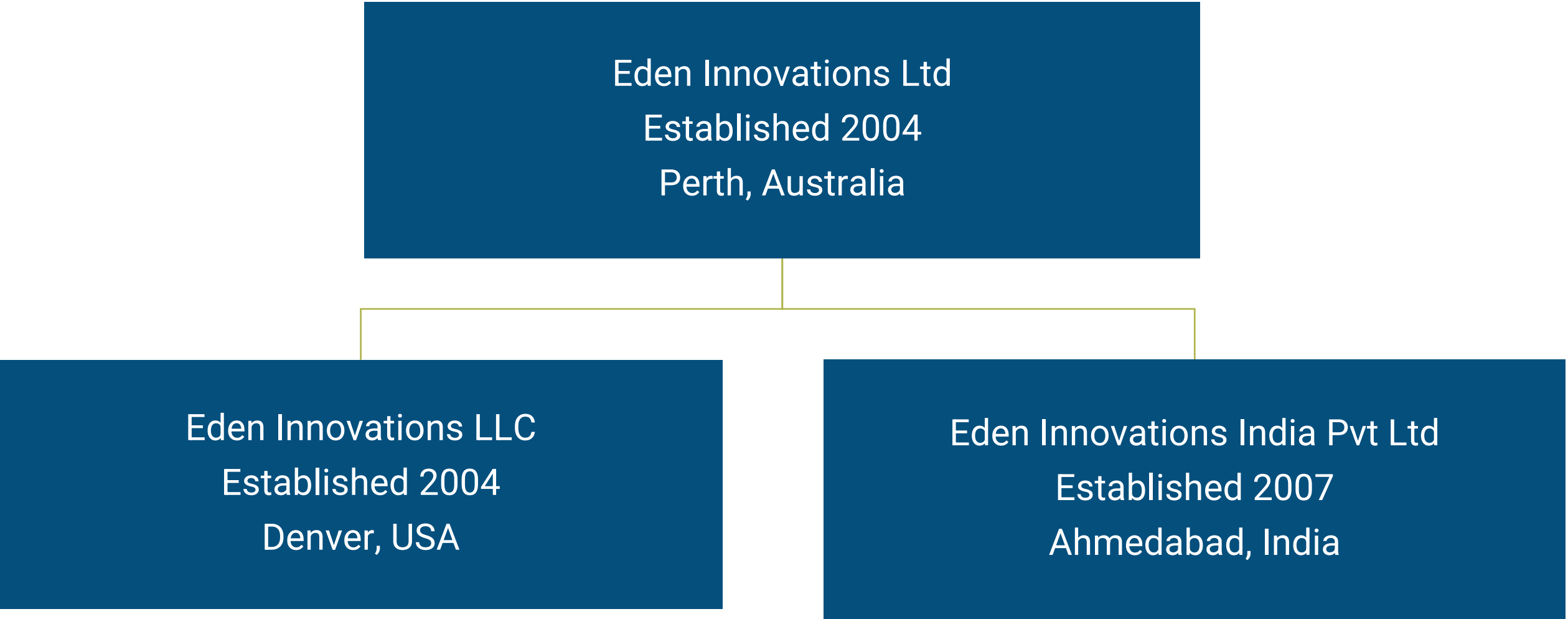
Forward-looking statements include, but are not limited to, the following:

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.

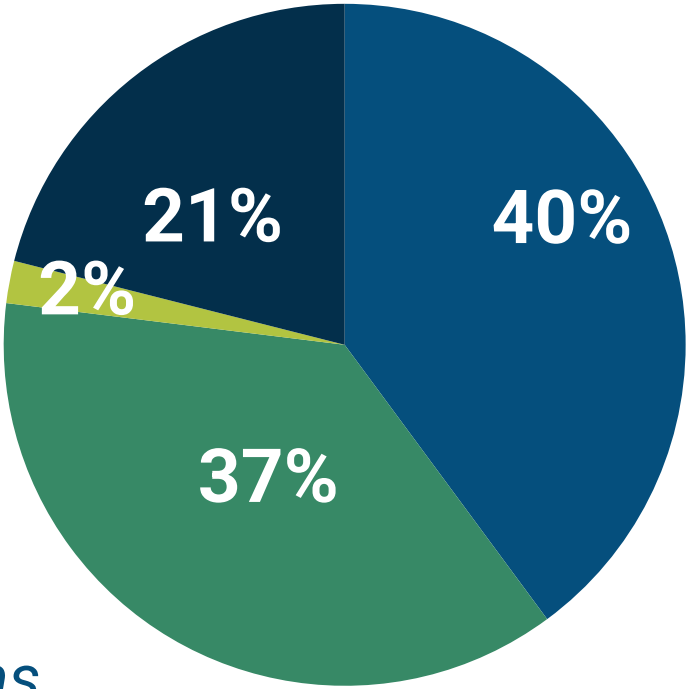
This presentation has been prepared as a summary only and does not contain all information relating to Eden's assets and liabilities, financial position and performance, profits and losses and prospects: it should be read in conjunction with all of the publicly available information in relation to Eden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

# CORPORATE STRUCTURE



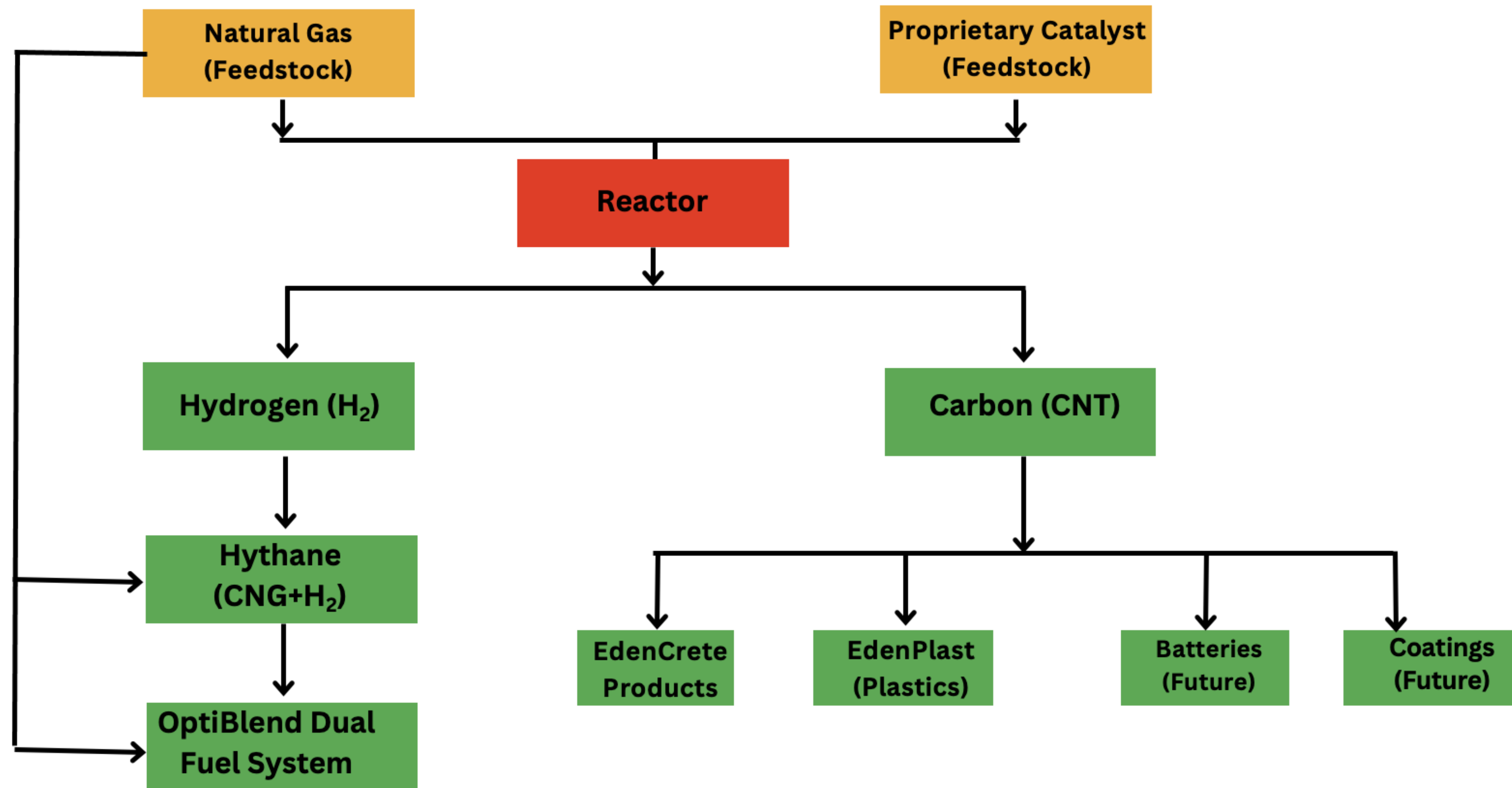
# SHAREHOLDERS

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



*Note: Tasman Resources is 60% owned by Eden Innovations Directors Gregory Solomon and Douglas Solomon*

# Eden Innovations Ltd Product Flowchart



# Eden's Core Technologies

- **Producing Carbon Nanotubes (75% by mass) + Hydrogen (25% by mass) from Natural Gas**
  - $\text{CH}_4 + \text{heat} \rightarrow \text{C} + 2\text{H}_2$  (without Producing any  $\text{CO}_2$ )
  - **Carbon Nanotubes (CNT)** – Ultra-strong, highly conductive (thermal, electrical) carbon nano-particles
  - **Hydrogen** – using renewable power, produces turquoise hydrogen& CNT, without producing  $\text{CO}_2$ .
- **Producing EdenCrete® Products - ASTM and NTPEP Qualified, CNT-enriched, high performance liquid concrete additives.**
  - **EdenCrete®Pz & EdenCrete®Pz7** - deliver high performance, low cost, low  $\text{CO}_2$ , high percentage pozzolans (fly ash/slag) concrete with a low percentage Portland cement.
  - **Holcim** trialled Pz7 for 3 years in 4 continents; roll out - USA, Ecuador, Canada (all commenced); Mexico(anticipated in near future)
  - **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's Intellectual Property

Eden (Australia) holds a number of patents/ patent applications/ trademarks in a several relevant countries, related to its process for production of hydrogen and CNT, Hythane, EdenCrete products and some applications, and EdenPlast.

# CNT-enriched Liquid Concrete Admixtures

**Deliver more durable, higher performance concrete with significant CO<sub>2</sub> 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 :

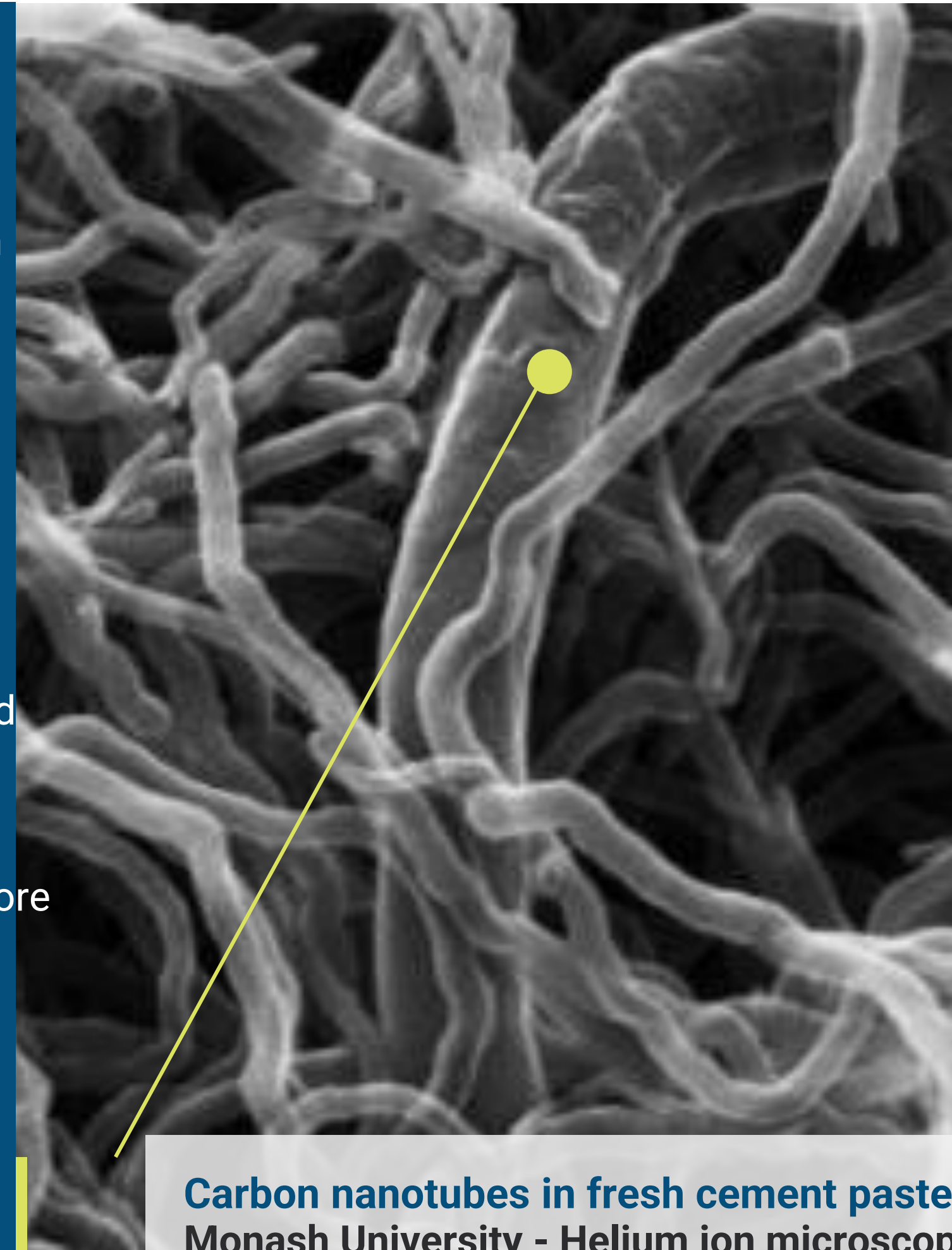
- Often increase compressive strength and abrasion resistance, reduce permeability, and can also improve flexural strength and other characteristics; and
- Often enable significant increases in pozzolans (up to 60%) in concrete mixes to be used, greatly reducing CO<sub>2</sub> footprint of the concrete.

**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<sub>2</sub> produced is equal to 33% (by weight) of CNT produced.
- As more CNT required, supply of H<sub>2</sub> grows.



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



## EdenCrete® - Major Marketing and Sales Achievements to Date

**Low CO<sub>2</sub> Concrete- EdenCrete® Pz/ Pz7** – enables delivery of low CO<sub>2</sub>, low cost, high fly ash concrete – huge global potential

**Strong progress in USA, India, Ecuador, Canada, Mexico** and very promising trials in UK and Indonesia

**Roads and Bridges - US - Approved in 21 States**, in use in 4 States (2017- specified by GDOT in repair specifications)

- **I-70 project in Denver**- continually used in shotcrete for stablisation/ retaining walls since 2018

**Ports – US and Australia**- Successful trials in Savannah and Brisbane, first contracts with Port of Savannah, other

**Waste Water Treatment – US** - first project in South Carolina.

**Electro-Magnetic Pulse (EMP) Protection** – European trials confirm effective protection. Interest in US for data centres.

**Ready Mix – US** – over 30 ready mix companies in many States and growing. **India** – Godrej using it in several cities

**Shotcrete / Swimming Pools– US** -used by growing number of ready mix companies across many States.

**Warehouses/ Industrial Flooring – US**- many projects for major companies (including 5 times by Michelin).

**Contractors/ Engineers –US**- regularly used/ recommended by growing number of contractors/engineers.

**US Sporting Stadiums and Arenas** - used repeatedly on many different repair projects at major Denver sporting facility.

**Trials- 2022-2025** - USA, Europe, Canada, Ecuador, India, Indonesia, Australia, UK

# 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 as its primary fuel without modifying the engine or the diesel fuel system.
- **Marketed in US and India for 17 years, over 800 systems sold:**
  - USA, India, Africa, Middle East and East Asia.
- **Significant market growth emerging :**
  - US market growing – back-up/ data centre power, oil and gas drilling and fracking power
  - Delhi government ban on use of gensets during winter using solely diesel fuel.
  - .
- **OptiBlend® :**
  - Lower fuel costs, lower emissions/CO<sub>2</sub> footprint, increased runtime;
  - Highly efficient, cost-effective system -reduced fuel cost and emissions;
  - Used by Cummins on oil/gas drilling power module (3 Tier II gensets);
  - 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

- < 50% increase in stiffness.
- Increase in electrical conductivity.

### 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



# EdenCrete® Products



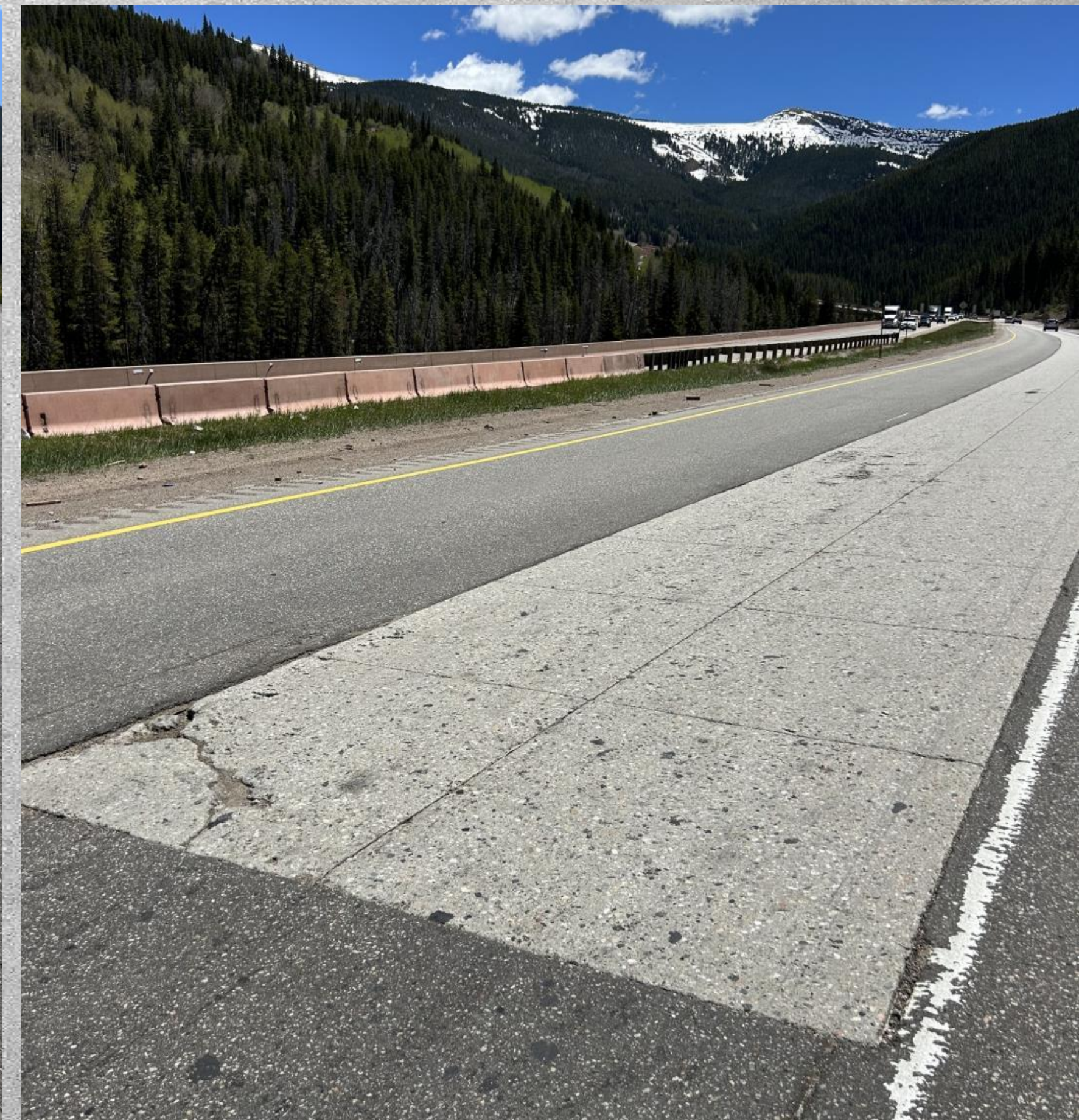
## Reference (Concrete with no additives) - Beginning Section (wear over 3 years)



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**



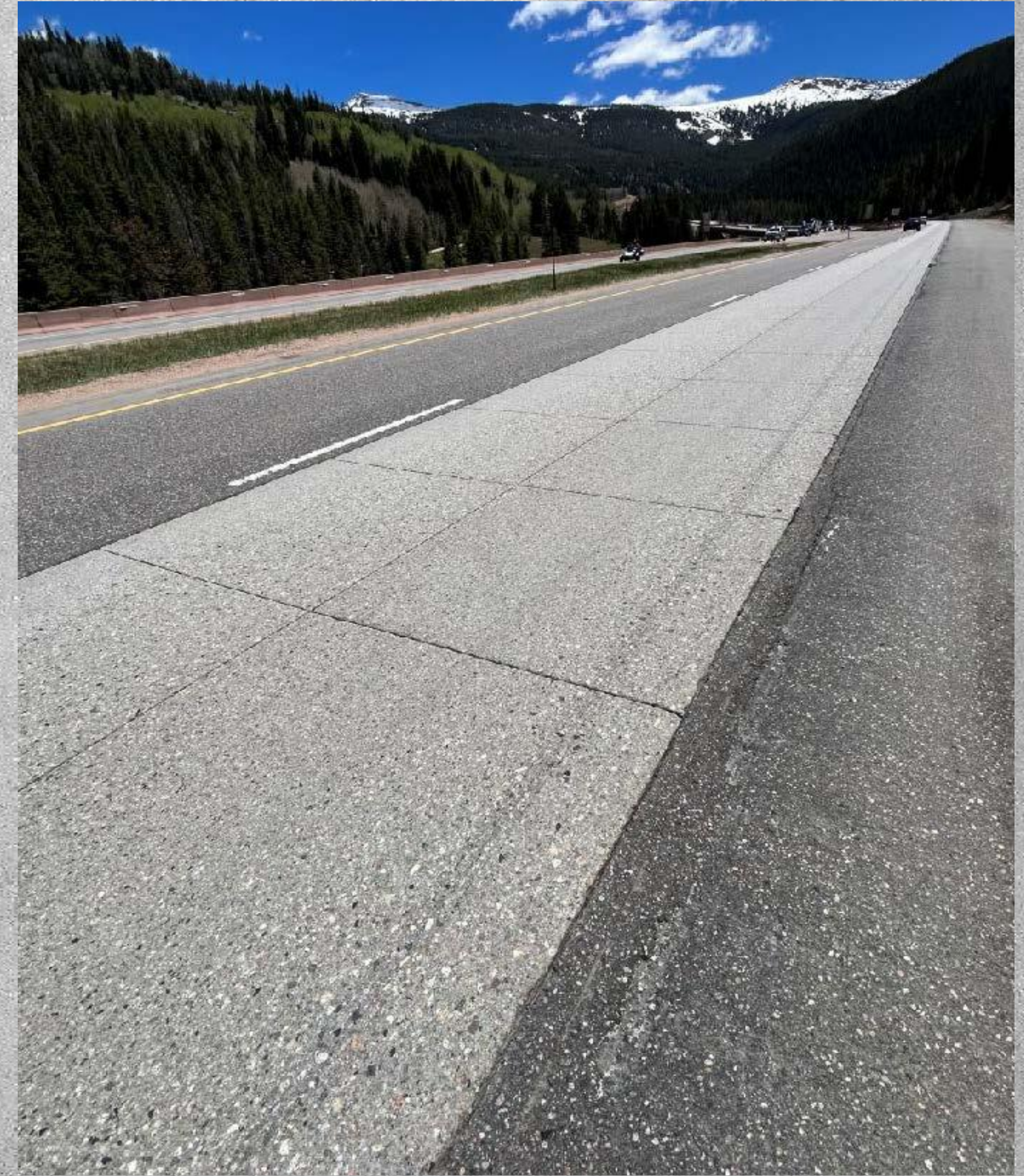
# EdenCrete® (Concrete with EdenCrete® added) - Beginning Section (wear over 3 years)



May 10, 2022



September 5, 2023



June 5, 2024

## CDOT Region 3 Vail Pass Trial

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

**CARBON CONCRETE ADDITIVE**

**EdenCrete**



# GDOT I-20 Field Trial – Update October 2016

## After 15 months of wear



EdenCrete® – No visible cracking or wear



Control – Visible cracking and Wear

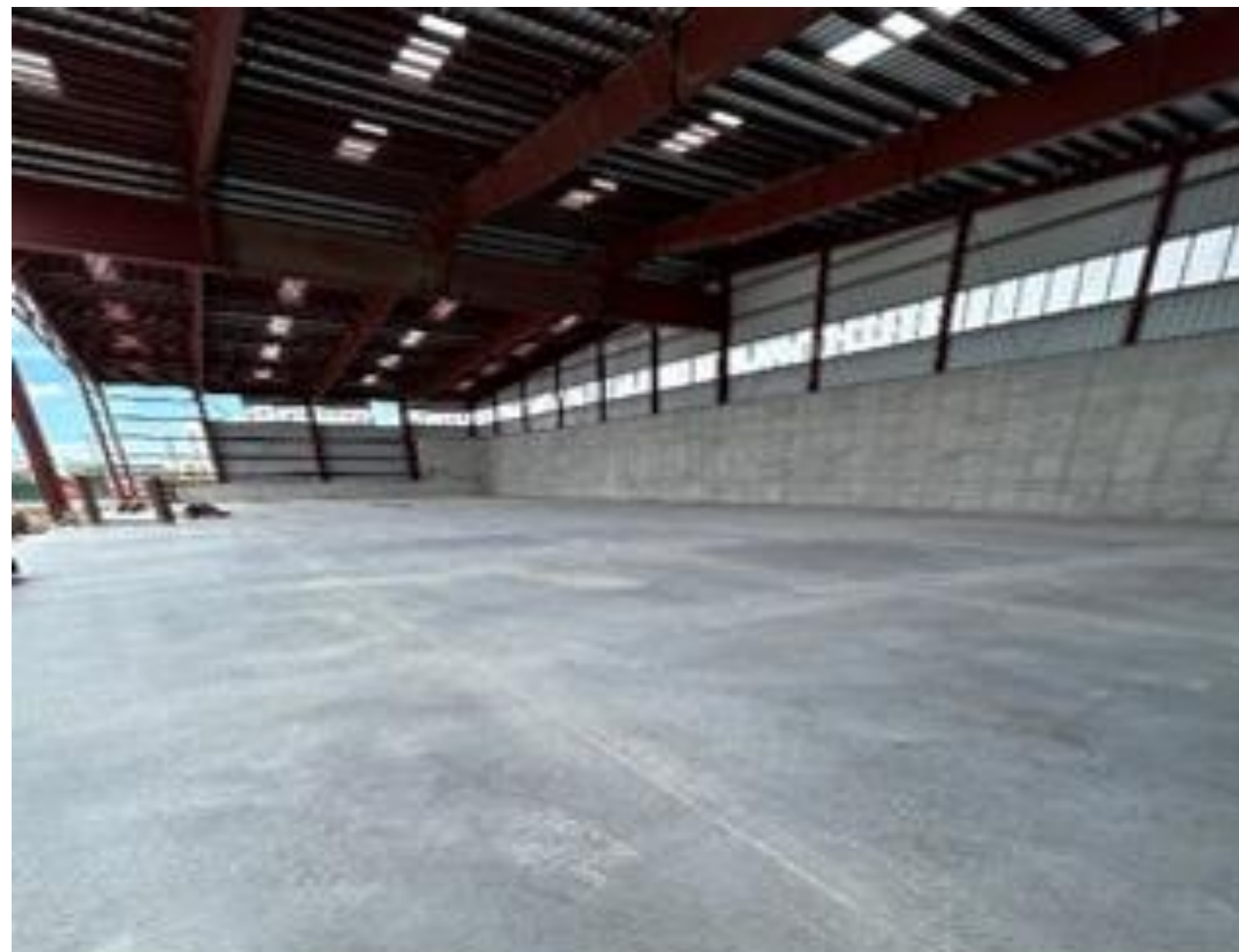


# Infrastructure and Construction – Main Target Markets

- Roads, Bridges, Tunnels, Toll Roads
- Ports and marine applications
- Airports
- Railways
- Dams and water systems
- Bus transit stations / light rail
- Warehouses, high rise construction, Ready Mix concrete









# EdenCrete® and OptiBlend™ Sales

# USA- Recent EdenCrete® Products Sales Growth

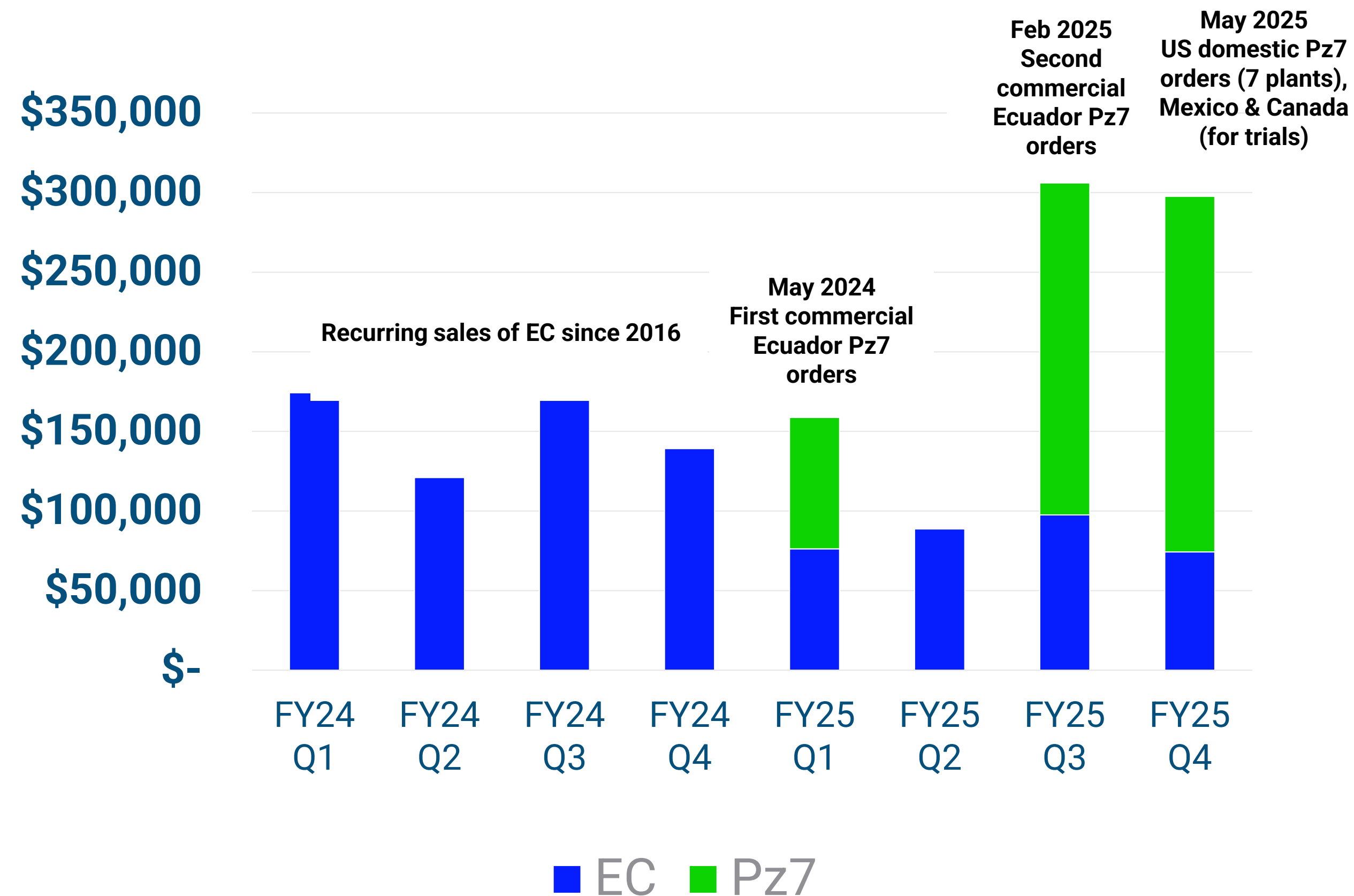
## Eden USA Sales Growth during Q4 FY25

- Second highest quarter recorded for all product sales, totalling US\$360k (approx. A\$562k)
- Growing sales trend in Q4 FY25, shown by:
  - 114% increase in Q4 sales year-on-year for all EdenCrete® products
  - 50% increase in total sales in FY25 of US\$1.46m (approx. AUD\$2.3m) to FY24
- Back-to-back growth in total product sales for each HY period since 1 Jan 2024
- Record quarter in sales of Pz7, totalling US\$223k (approx. AUD\$350k)
- Rapid growth in Pz7 ‘Ready Mix Concrete’ Plant installations in Q4, with 12 new installations, bringing a total 16 plants online (14 in Holcim Group companies):
  - USA: 5 new installations (Holcim Group company- total 7 plants in Colorado)
  - Ecuador: 7 new installations ( total 9 plants) - Holcim Group company
  - Canada: first commercial order –Toronto-from Innocon, Holcim Group company
- Pz7 production process optimised and capacity increased by 500%

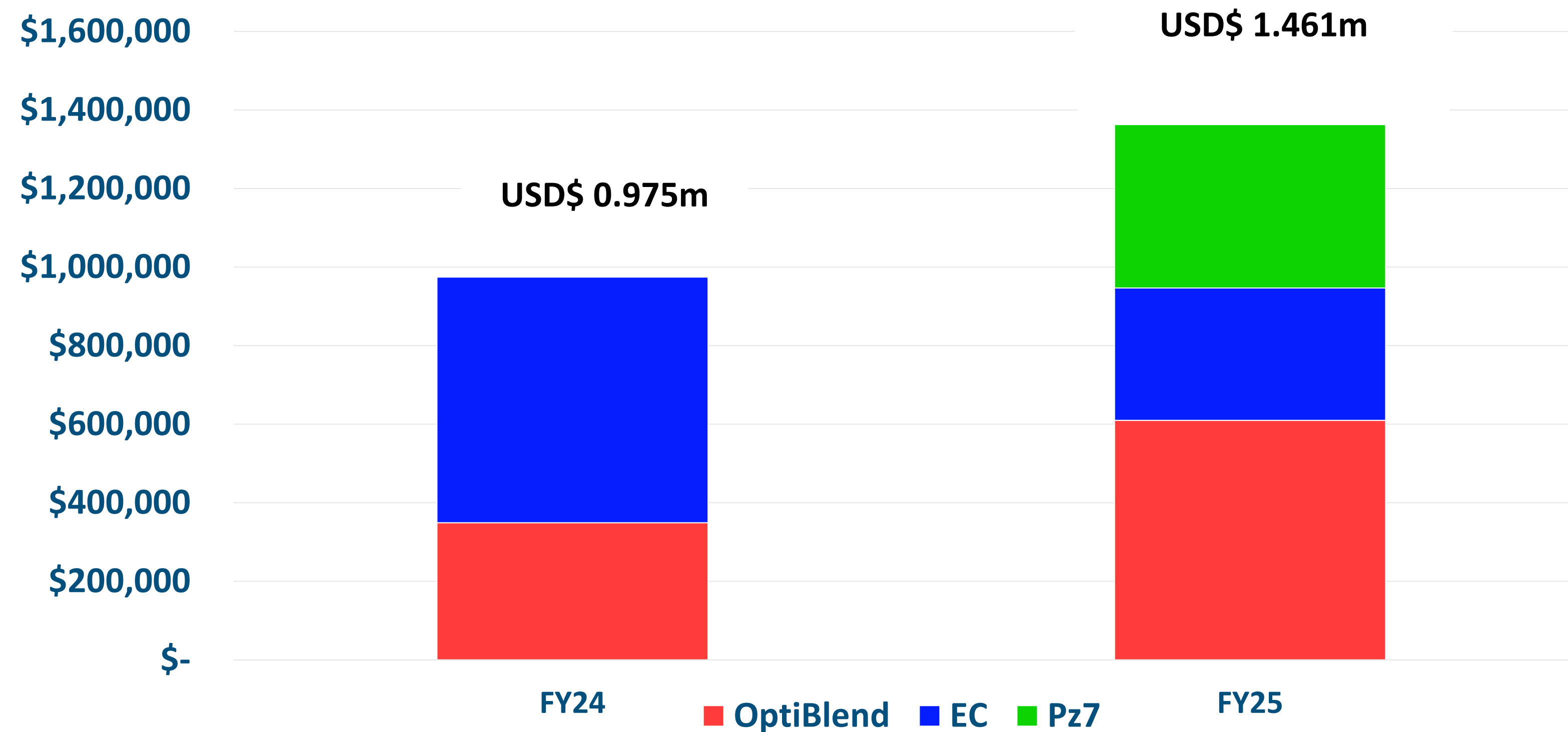


# EdenCrete Products

## US Quarterly Sales FY24 Q1 to FY25 Q4 (US\$)



## US Total Annual Sales Revenue (all products) FY24 v FY25 50% increase in FY25





# Eden: Value Proposition

## Value proposition

- All products developed in-house & 100% owned, can reduce CO<sub>2</sub> footprints of concrete, polymers, batteries etc.
- Strong patent portfolio
- Over US\$70 million spent on development, marketing, patents since 2004
- 5 global companies interested in Eden over past 7 years - US oil & gas, EU chemical, US carbon, EU construction, and Global cement and concrete

## Core Pyrolysis Process

- CH<sub>4</sub> → 2H<sub>2</sub> + C (CNT) - No CO<sub>2</sub> produced - Turquoise H<sub>2</sub> delivered if renewable energy used
- Proprietary catalyst (no noble metals)

## Primary products from pyrolysis process:

- CNT and H<sub>2</sub>

## Commercial and downstream products

- Three CNT-enriched liquid EdenCrete concrete admixtures. Sales in USA, Ecuador, Canada, India, Australia, Israel. Pz7 trials in France, Canada, Mexico, UK and Indonesia. Holcim Group is major driver of recent Pz7 sales growth in USA, Ecuador and Canada.
- OptiBlend™ (CNG / Diesel) Dual Fuel system – world class dual fuel system: global sales of +US\$20 million over past 17 years
- CNT-enriched polymers (EdenPlast™) – patent application, ready for commercialisation,
- Hythane™ (CH<sub>4</sub> + H<sub>2</sub> mixture)- fully developed, emerging interest in markets (such as India) where hydrogen is being promoted.

## Future downstream products

- CNT- Battery Electrode Applications (interest from two groups)
- CNT- Conductive Coatings (proposed)

## Emerging Positive Cashflow

- Completion of Sale of Georgia property for US\$5m expected in near future- will reduce Group debt by approx. 70%. Sale of second property in Colorado will eliminate all group debt. Much debt already retired in exchange for issue of new shares.
- With significantly increasing sales revenue anticipated, a positive cash flow is targeted in late 2025 or the first half of 2026.



# Eden- ASX Trading History 2006-2025





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