



TURNING WASTE INTO INFRASTRUCTURE:

TAURANGA'S CIRCULAR CONCRETE TRANSITION

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The Waste We Do Not See

01

EXCESS WET
CONCRETE



02

LEAVES SITE
IN TRUCK

OR

EXCESS GOES
TO LANDFILL

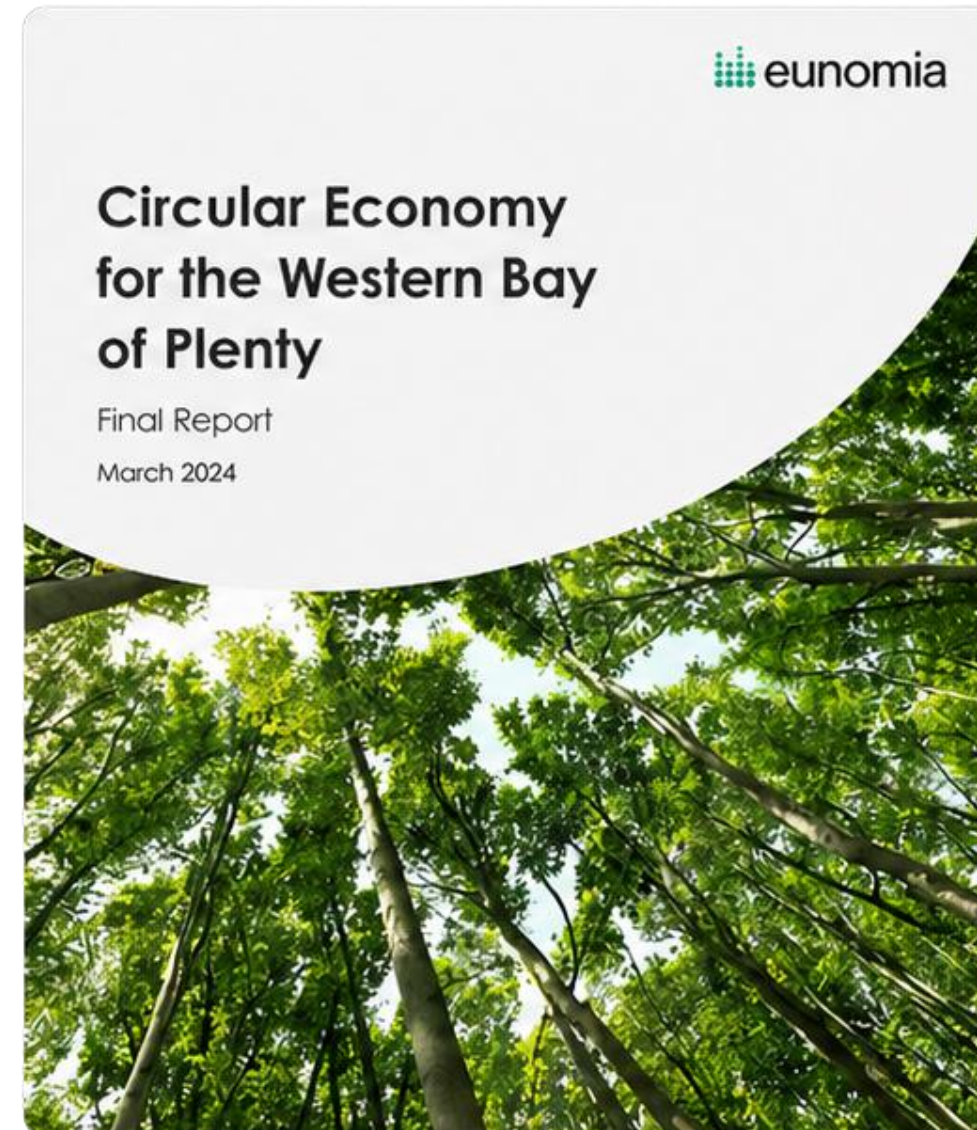


03

BYPASSES
COUNCIL
GATES



Why Concrete Became a Priority

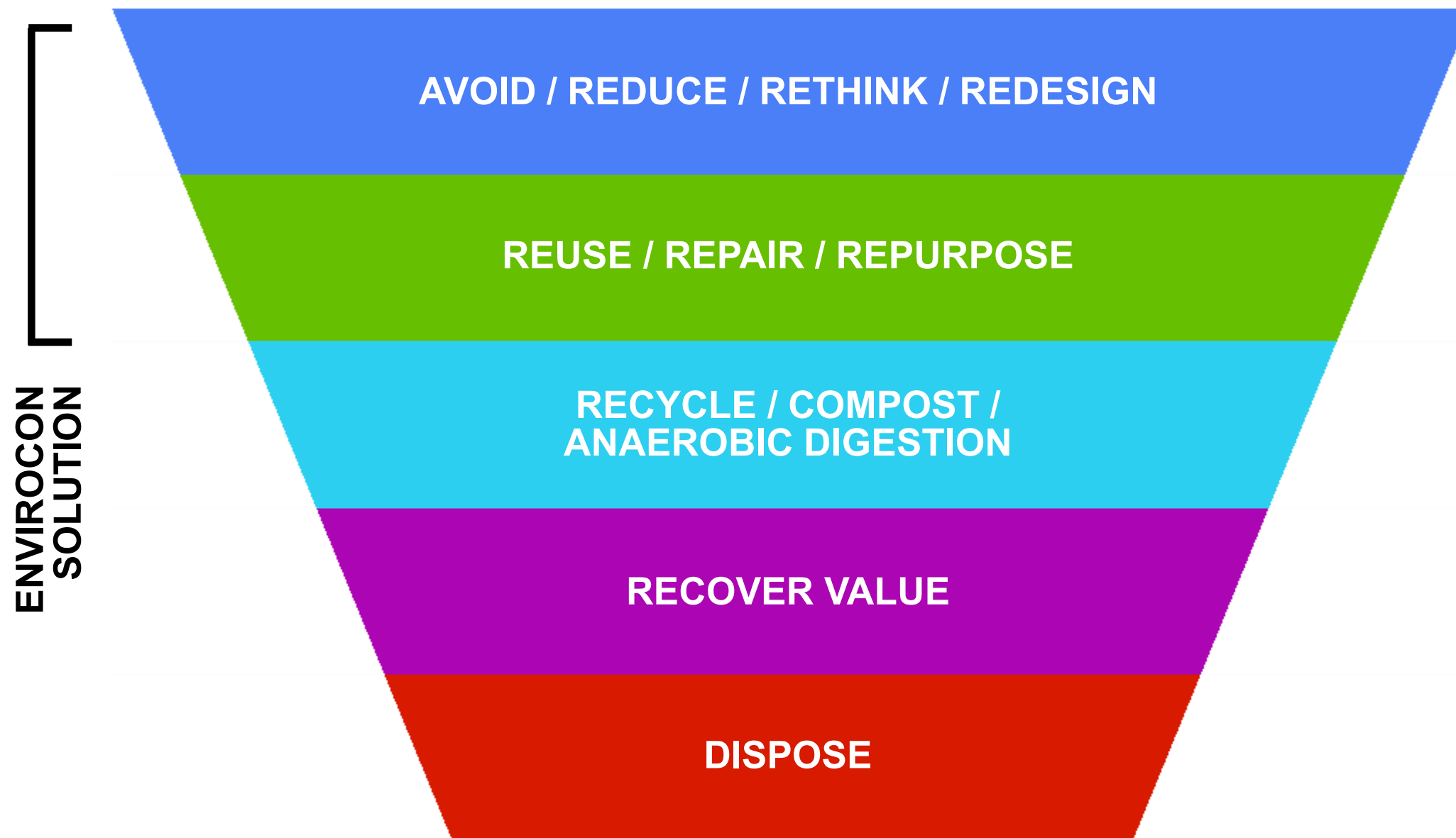


The Envirocon Report

Concrete waste in the Western Bay of Plenty



Climbing the Waste Hierachy



WHY THIS IS DIFFERENT.

TRADITIONAL CRUSHING

~136 kg CO₂e / Tonne

ENVIROCON PATHWAY

~6.4 kg CO₂e / Tonne



The Envirocon Solution

CRITICALLY



PRODUCT STEWARDSHIP MODEL



ORDERING DECISIONS



INTERVENES BEFORE WASTE EXISTS



SITE-LEVEL RETURNS



GUARANTEED REUSE PATHWAYS



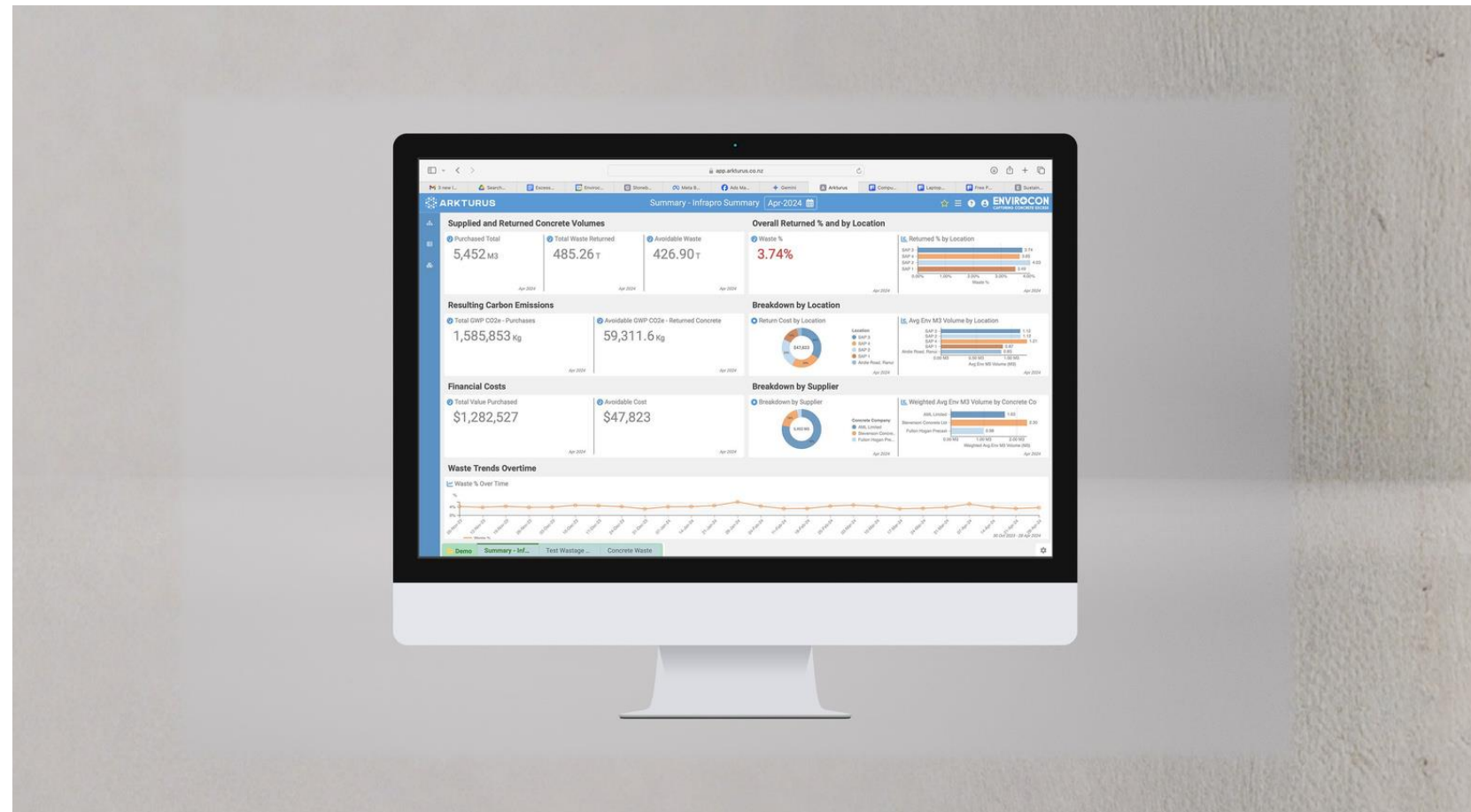
INDUSTRY BUY IN



DATA AND TRANSPARENCY



Bringing Visibility



ENVIROTRAC

✓ Measures Returned Loads

✓ Makes Excess Visible







SPECIFIER FEEDBACK

✓ Impacts Ordering Decisions



The Proof

-  ZERO CARBON / ZERO WASTE CERTIFICATE
-  BASED ON MEASURED TONNES CAPTURED
-  GUARANTEED REUSE PATHWAYS
-  DATA AND TRANSPARENCY

ZERO WASTE CERTIFICATE

PROJECT:
ADDRESS:

THIS IS TO CERTIFY THAT THE FOLLOWING CONCRETE VOLUMES WERE PROCESSED THROUGH THE ENVIROCON PRODUCT STEWARDSHIP SCHEME.

SUPPLIER	DOCKET NO.	VOLUME M3	DATE & TIME

THE ENVIROCON PRODUCT STEWARDSHIP SCHEME IS ACCREDITED BY THE MINISTER FOR THE ENVIRONMENT UNDER THE WASTE MINIMISATION ACT 2008





Date: _____ Serial #: _____

J Bright
J Bright, Scheme manager

ENVIROCON
CAPTURING CONCRETE EXCESS



What's Happening in Tauranga?

LAUNCH	SCALE	LOCAL OUTCOME	INFRASTRUCTURE
We will launch 2026	~7,500 tonnes/year of excess concrete reused	Local FTE Jobs created	Two operational hubs
			



Envirocon's Accredited Product Stewardship Scheme

- 01 ACCREDITED PRODUCT STEWARDSHIPS SCHEME
- 02 ENVIROCON'S ZERO WASTE GOAL
- 03 20 YEARS OF DATA



Accredited under the Waste Minimisation Act 2008



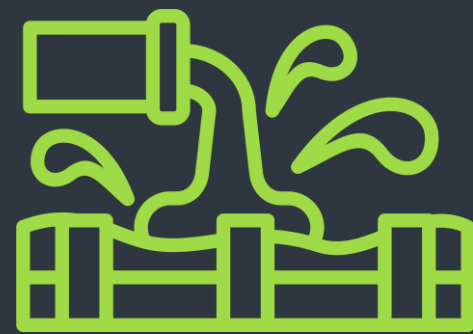
Qualifying the Opportunity

Why Excess Concrete stays Invisible.



~186,289 M3

of ready-mix produced annually across four Tauranga plants.



~13,500 Tonnes

of excess concrete generated in Tauranga annually - the hidden sub-stream



99.98% Diversion*

zero waste to landfill via Envirocon Product Stewardship Scheme

**Up to*

Western Bay of Plenty's Regional Excess Report

This report can be replicated for any region — inquire about your region's report today.

Excess concrete is **distinct from demolition waste. It requires a different solution.** Crushing is not the answer.

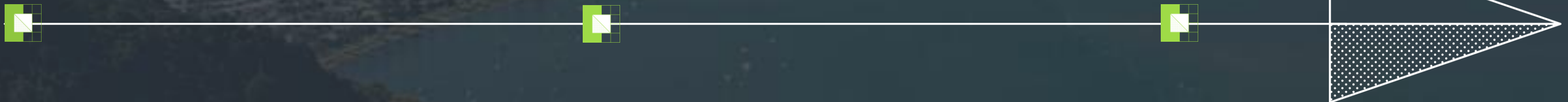
Product Stewardship delivers up to **900,000 kgCO₂e in carbon savings** annually. Crushing excess concrete is **40x more carbon intensive than upcycling.**

Upcycling **increases concrete value by 112%.** Crushing destroys 70%.

Envirocon® is the **only accredited construction stewardship scheme in NZ.** Zero waste to landfill. 100% circular.

Job Creation & Economic Development

UPCYCLING CONCRETE CREATES REAL ECONOMIC VALUE, LOCALLY AND NATIONALLY



LOCAL JOBS CREATED

One labour hour per tonne — local employment guaranteed.



IN THE WESTERN BOP

3-5 FTE positions across processing, admin, sales.



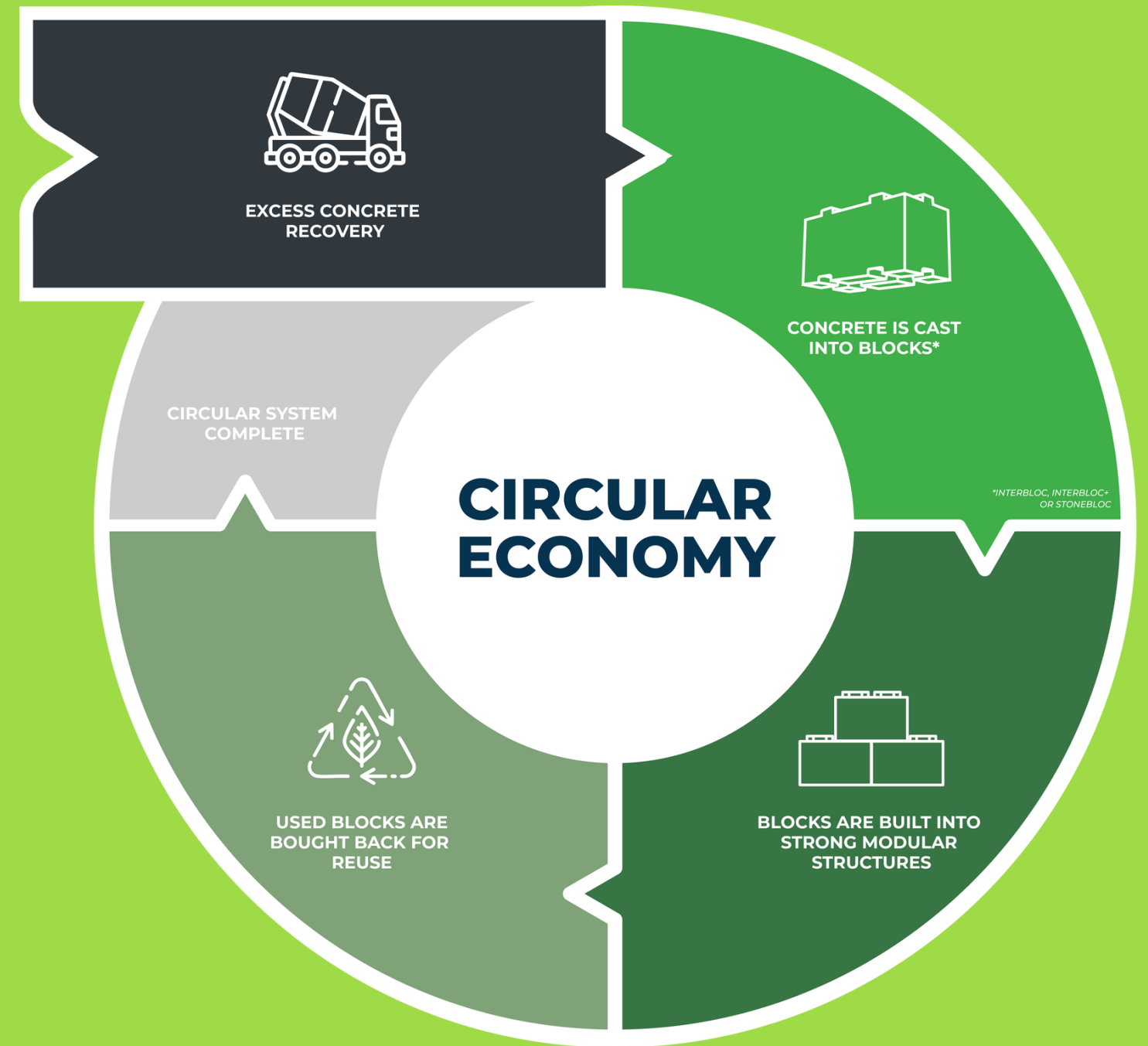
VALUE CREATED

Upcycling +112%. Crushing -70%. Tax revenue generated.

Upcycling doesn't just eliminate waste — it creates jobs, value, and tax revenue

The Circular Economy

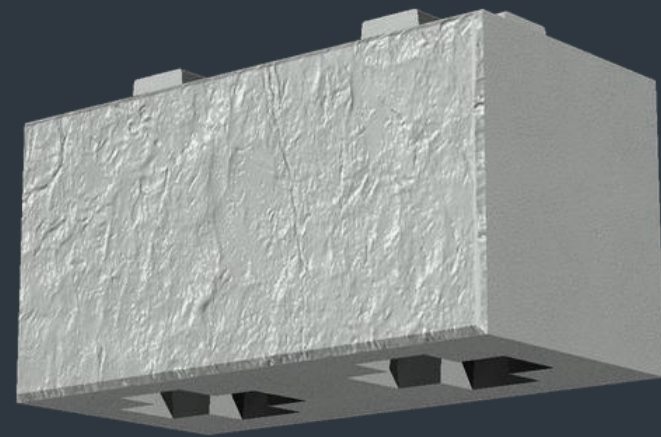
RETHINKING HOW WE USE RESOURCES FOR A SUSTAINABLE FUTURE





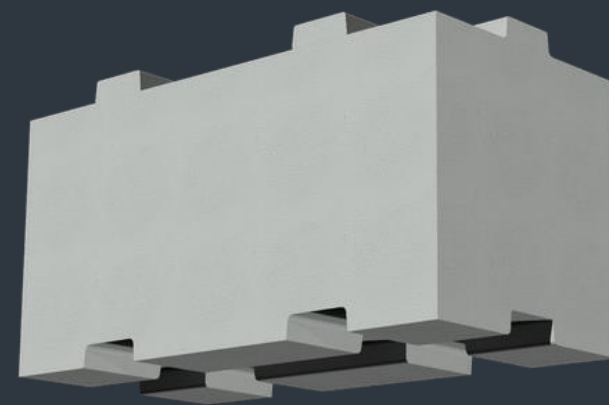
Envirocon's Products

TURN KEY SYSTEMS DESIGNED FOR EVERY PROJECT.



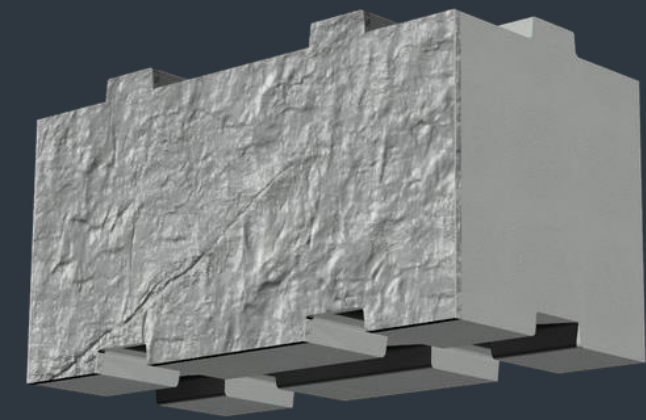
STONEBLOC

Durable, fast-build retaining walls <1.8mH.



INTERBLOC

Reusable precast wall system.



INTERBLOC+

Large retaining walls >1.8mH



Straight from the Horse's Mouth

ENGAGING THE REGION'S RMX PARTNERS

Concrete is the only industry where the customer doesn't take accountability for the waste.

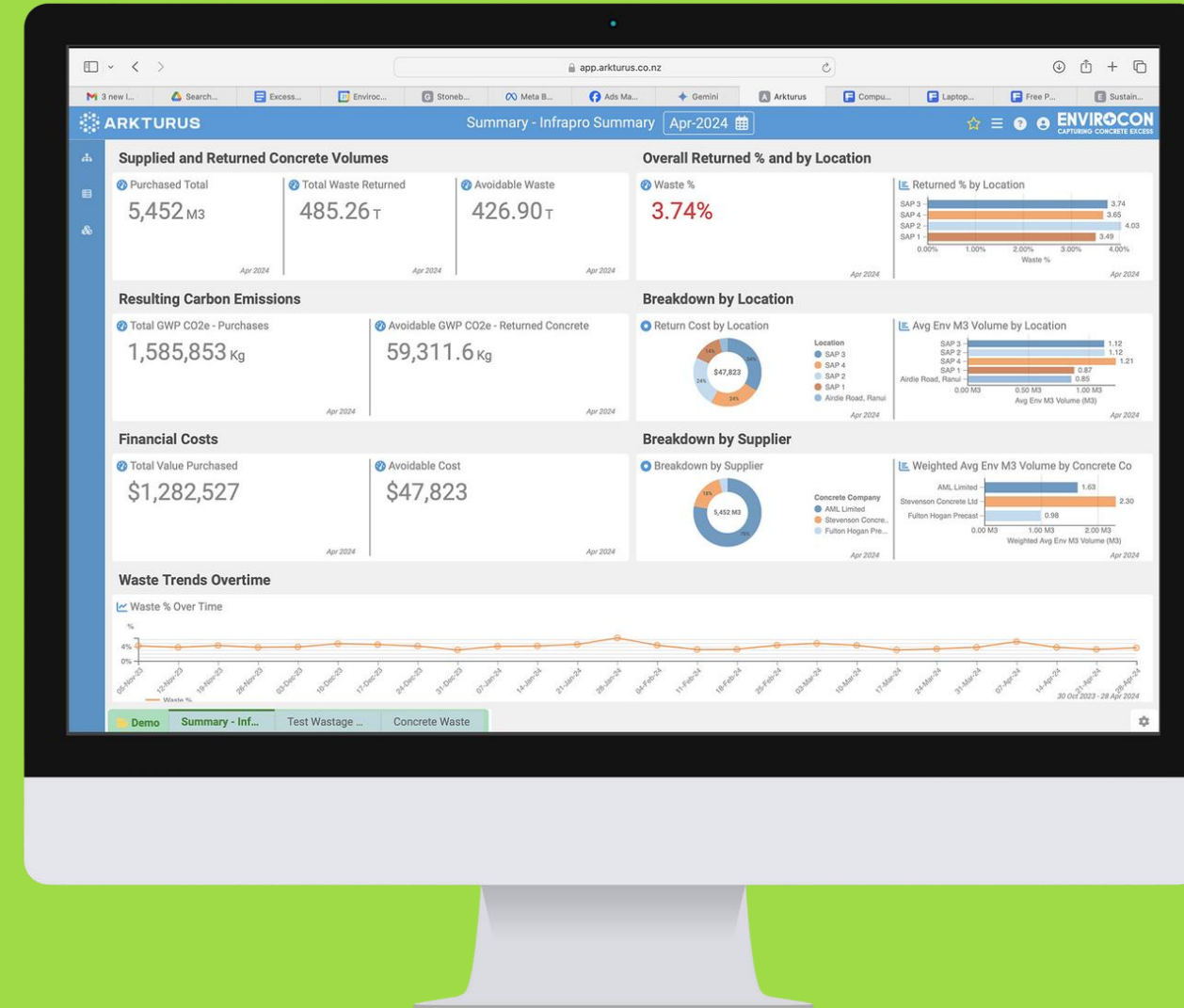
A joint Envirocon–TCC workshop turned that around. The region's RMX partners welcomed the shift and committed to zero waste to landfill.



Envirotrac®

REAL-TIME CONCRETE MONITORING

Envirotrac® empowers large infrastructure projects to monitor excess concrete in real-time — preventing wastage before it happens.





Thank you

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Come visit our Exhibition Booth #51

Contact us to request your region's Concrete Report