



WE KNOW THAT SUSTAINABILITY IS IMPORTANT TO YOU

IT IS TO US TOO. THIS IS WHY WE WANT TO
SHOW HOW PACT CAN HELP YOU ACHIEVE
YOUR SUSTAINABILITY OBJECTIVES.

PACT
GROUP

"FOR MANY
INDUSTRIES, GOING
AROUND IN CIRCLES
IS PROBLEMATIC,
BUT IN PACKAGING
MANUFACTURING, IT'S
EXACTLY WHAT WE
NEED TO DO"

RAPHAEL GEMINDER
EXECUTIVE CHAIRMAN
PACT GROUP

DID YOU KNOW?

Pact is the **LARGEST RECYCLER** of post industrial resin in the Southern Hemisphere.

We are the **HIGHEST USER OF RECYCLED RESIN** in the Southern Hemisphere – from wheelie bins, cable covers, milk bottles, detergent bottles and shampoo bottles, to meat trays.

We offer several schemes for hard to **RECYCLE PACKAGING**.

We launder, **RECONDITION** and refurbish packs.

Last year we reconditioned **>165,000 IBCs** and **>1 MILLION** steel drums.

We actively **REPLACE** single use corrugate boxes with our crate pooling solutions.

We help customers **REDUCE THE WEIGHT** of their packs to **MINIMISE THE ENVIRONMENTAL IMPACT**.

We design products with **FULL LIFECYCLE DISPOSAL** in mind.

PACT HAS BEEN
FOCUSSED ON
MINIMISING PLASTIC
PACKAGING WASTE FOR
NEARLY TWO DECADES.

IN 2015 WE CALLED
A *WAR ON WASTE*
AND NOW WE WANT
TO TAKE THIS TO ITS
LOGICAL NEXT STEP...

END OF WASTE

OUR
2025
PROMISE

IS

END OF
WASTE

We have made a promise to become the number one partner of sustainable choices for our customers.

OUR TARGETS

REDUCE

ELIMINATE ALL NON
RECYCLABLE PACKAGING
THAT WE PRODUCE

REUSE

HAVE SOLUTIONS TO
REDUCE, REUSE AND
RECYCLE ALL SINGLE USE
SECONDARY PACKAGING
IN SUPERMARKETS

RECYCLE

OFFER 30% RECYCLED
CONTENT ACROSS OUR
PACKAGING PORTFOLIO

REDUCE

LIGHTWEIGHTING, SOMETIMES REFERRED TO AS THIN WALLING OR DOWN GAUGING, IS THE PROCESS BY WHICH EXISTING PACKAGING IS ADJUSTED AND/OR REDESIGNED TO REDUCE ITS OVERALL WEIGHT WITHOUT COMPROMISING ITS STRUCTURAL INTEGRITY AND QUALITY.

AT PACT, WE CONTINUE TO INVEST IN RAW MATERIAL, TOOLING, AND TECHNOLOGICAL INNOVATION TO PRODUCE EVEN LIGHTER PACKS THAT OFFER THE SAME OR IMPROVED TECHNICAL PERFORMANCE, WHILST SIMULTANEOUSLY REDUCING OUR ENVIRONMENTAL IMPACT.

CASE STUDY

REDUCE

INFINI

Pact secured the exclusive license to Nampak's Infini technology and launched the lightest milk bottle in the New Zealand market.

20% LIGHTER

THAN THE FORMER MILK BOTTLE

562 TREES

ANNUAL ENVIRONMENTAL SAVINGS IS THE EQUIVALENT
TO PLANTING 562 TREES

CASE STUDY

REDUCE

SHAMPOO & CONDITIONER

BOTTLES

Pact reduced the weight of four variants of a major customer's HDPE shampoo and conditioner bottles by an average of 22% from the former bottles. This represents a saving of 56 tonnes of HDPE per year.

THE ENVIRONMENTAL SAVINGS GENERATED BY THIS INITIATIVE ARE EQUIVALENT TO THE WEIGHT OF:

34
CARS

CASE STUDY

REDUCE

DAIRY

CLOSURES

Pact lightweighted a 38mm dairy closure from 2.9 grams to 1.7 grams. This represents a weight reduction of 41% from the former closure and a saving of 276 tonnes of HDPE per annum.

ANNUAL ENVIRONMENTAL SAVINGS GENERATED BY THIS INITIATIVE ARE EQUIVALENT TO WATER USAGE OF:

9.8 OLYMPIC
SIZED
SWIMMING
POOLS

REUSE

INCORPORATING RECYCLED CONTENT INTO PLASTIC PACKAGING IS ONE OF THE BEST TOOLS AT OUR INDUSTRY'S DISPOSAL TO FORGE A CIRCULAR ECONOMY. PACT CONTINUES TO WORK ON THE DEVELOPMENT OF PACKAGING THAT INCORPORATES RECYCLED MATERIAL, DIVERTING USED PLASTIC FROM THE WASTE STREAM AND LANDFILL.

CASE STUDY

REUSE

LEWIS ROAD'S 100% rPET MILK BOTTLE RANGE

Pact has launched a new 750ml and 1.5 litre milk bottle made from 100% recycled polyethylene terephthalate (rPET) for New Zealand's iconic dairy brand Lewis Road.

BASED ON LEWIS ROAD'S CURRENT VOLUMES, THIS EQUATES TO SAVING

343.4 TONNES

OF VIRGIN PET
PER ANNUM.

CASE STUDY

REUSE

OMO ECOACTIVE WASHING DETERGENT

Pact manufactures Unilever's OMO EcoActive washing detergent bottle range from 25% Australian sourced post-consumer recycled High Density Polyethylene (rHDPE). Substituting to rHDPE saves 25.8T of CO² emissions per year and is the equivalent to planting 39 trees per year. The 169.1kL of water savings is the equivalent daily water use of more than 1,000 people in Melbourne.

THE USE OF rHDPE
SAVES MORE THAN

23
TONNES

OF VIRGIN HDPE
PER ANNUM.

CASE STUDY

REUSE

ESSANO'S 100% rPET SHAMPOO AND CONDITIONER BOTTLES

In FY18, Pact launched a new 300ml shampoo and conditioner bottle range made from 100% recycled polyethylene terephthalate (rPET) for Mix Limited's Essano brand.

THE NEW 100% rPET BOTTLE IS
20% LIGHTER THAN THE FORMER
HDPE BOTTLE EFFECTIVELY
REPURPOSING MORE THAN

56
TONNES

OF PRE-USED PLASTIC.

RECYCLE

PACT IS THE LARGEST RECYCLER OF POST-INDUSTRIAL PLASTIC PACKAGING IN AUSTRALASIA AND LAST YEAR PROCESSED MORE THAN 30,000 TONNES OF (SCRAP/WASTE) PLASTIC.

FROM THIS, MORE THAN 28,000 TONNES WAS CONVERTED INTO RECYCLED RESIN PELLETS OR PRODUCTS MADE FROM RECYCLED MATERIAL. THE RECYCLED RESIN REPLACES VIRGIN RESIN IN MANUFACTURING PROCESS WITHIN PACT, AND OTHER PLASTIC MANUFACTURERS THROUGHOUT AUSTRALASIA.

CASE STUDY

RECYCLE

CRATE EXPECTATIONS

Partnering with supermarkets including Coles and Woolworths, Pact manufacture pooled reusable plastic crates to achieve a working circular waste economy.

Farmers stack our crates with fresh produce and send them to the retailers who deliver the food to the shelves. Pact then collects the crates, washes them, and sends them back into the system.

PACT HAS REPLACED

120
MILLION

SINGLE USE BOXES WITH 10 MILLION RESUABLE PLASTIC CRATES. THESE CRATES CAN BE RECONDITIONED UP TO 14 TIMES A YEAR, AND WILL LAST UP TO 10 YEARS. AFTER 10 YEARS, THE CRATES ARE RECYCLED INTO UNDERGROUND CABLE COVERS, TELECOMMUNICATION PITS AND SLIP SHEETS.



CASE STUDY

RECYCLE

IBC_s

Supporting our new IBC (Intermediate Bulk Containers) manufacturing capabilities, Pact also offers reconditioning and laundry services to help extend the life cycle of IBCs without compromising their quality. Our national collection and buying services provide our customers a truly cost-effective and complementary alternative to new packaging.

IN FY18, PACT
COLLECTED MORE THAN

160,000
USED IBC_s

FOR RECONDITIONING.



CASE STUDY

RECYCLE

DRUMS

Pact also provides compliant collection, reconditioning and drum disposal services for both steel and plastic drums. Reconditioning provides a cost-effective and complementary alternative to new packaging.

IN THE PAST 12 MONTHS, PACT
HAS COLLECTED MORE THAN

1
MILLION

USED DRUMS FOR
RECONDITIONING WITH 80%
OF THESE RECONDITIONED
INTO GOOD-AS-NEW
DRUMS FOR REUSE AND THE
REMAINING 20% SENT TO
STEEL RECYCLERS.



FINALLY SOME

THOUGHT STARTERS

OF WHERE WE KNOW
WE CAN HELP

ELIMINATION of food waste through shelf life extension particularly in produce.

IMPLEMENTATION of egg crates to reduce breakage.

Store and DC Waste **AUDITS** to **IDENTIFY** areas of high waste and develop action plans.

Audit of your **PACKAGING** to identify problematic products that can not be recycled.

Identify key lines for **INCLUSION** of recycled content and/or renewable polymers.

HELP develop guidelines for new packaging to ensure products can be fully recycled.

IF WE CAN LEAVE YOU WITH
ONE MESSAGE

WE ARE READY

PACT IS HERE TO HELP YOU
INCREASE YOUR PARTICIPATION
IN THE SUSTAINABILITY AGENDA.



A person is captured in mid-air, running across a vast, sandy desert landscape. They are wearing a dark, short-sleeved shirt with a white floral pattern, light-colored trousers, and dark sneakers with white laces. The background shows rolling sand dunes under a clear sky. The entire image has a light blue tint. Overlaid at the bottom center is the hashtag #PROUDTOBEPACT in a bold, white, sans-serif font.

#PROUDTOBEPACT

THANK YOU

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