IPL Sustainability Report 2020



Contents

Your Partner IPL	Your	Partner	IPL
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About IPL

Our Market Presence

Message from our CEO, Alan Walsh

Comments from our Head of Sustainability, Conor Wall

Our Global Reach

Vision and Values

An Eventful 2020/Early 2021

The Future of Plastics

Global Commitment to 2025

Role of Plastics is Becoming Increasingly Important

Plastics vs. Alternatives

Bold Action Required to Increase Recycled Content

Our Products and The Waste Hierarchy

Our Circular Business Model

Emerging Regulation Continues to Drive Step Change

Sustainability Go

Materiality - Ident What Matters

Sustainability Stra 2019-2022

Our Ambitions

United Nations Global Compact

Integrated Governance Framework

Driving Our Plan Forward

Assurance Standards

Front cover: An aerial shot of our returnable Hybrid 1012 bins waiting to be shipped from our Shelbyville, Kentucky facility in time for the upcoming harvest.

overnance	Sustainability Highlights	Our Perfor
tifying	Innovation and The Circular	Performan
	Economy	Independe
ategy	Environmental Stewardship	Statement
	People, Safety and Communities	

Performance

rmance Summary endent Assurance

2020 at a Glance

23,000+

TONNES OF POST-CONSUMER RECYCLED RESIN USED (14.3% OF TOTAL RESINS USED)

90/0

IMPROVEMENT IN GROUP SAFETY RATE

29%

OF REVENUE MADE UP OF **RETURNABLE OR REUSABLE** PRODUCTS

\$614M

IN REVENUE FROM 100% RECYCLABLE PRODUCTS



INVESTED IN R&D

55,000+

TONNES CO2E REDUCED BY **USING RECYCLED CONTENT**



Your Partner IPL The Future of Plastics Sustainability Governance Sustainability Highlights Our Performance



Your Partner IPL About IPL

We are leaders in a wide range of packaging solutions, partnering with customers to drive innovation and help them achieve their sustainability commitments.

Our products are used and reused daily all over the world. We are a trusted innovation partner to some of the biggest brands in the world, including Unilever, Ford, Walmart, Nivea, Friesland Campina, Danone and Heineken.

Our Environmental, Returnable and Industrial Solutions (ERIS) Division makes 100% recyclable pails, containers and crates for numerous endmarkets, wheeled environmental bins and related reusable containers. Our returnable and collapsible containers include bulk bins for the agriculture and automotive end-markets and reusable interlocking flooring solutions for a wide range of industrial and event applications.

Our Consumer Packaging Solutions

(CPS) Division makes 100% recyclable thin-wall injection molded containers, lids, overcaps and custom solutions for branded and private label food and consumer products companies.

614M

SALES (US\$)

DIVISIONS



2500+

EMPLOYEES

19

PLANTS

450 +

MACHINES

R&D FACILITIES

Your Partner IPL Our Market Presence



FY2020 revenue \$614M by **Division**



59% Environmental, Returnable and Industrial Solutions (ERIS) division



Your Partner IPL Message from our CEO, Alan Walsh

More than ever we are committed to delivering step change in the responsible use of plastics across the value chain



Our journey to becoming a global leader in returnable, reusable and recyclable packaging is well under way. We are making great progress thanks to the tireless work and dedication of our colleagues around the world.

Following four recent acquisitions, we now have 19 manufacturing facilities in North America, Europe and Asia, facilitating our growing base of global brands and local customers.

The demand for high quality packaging is increasing. With plastic being a reusable and fully recyclable material, we see opportunities to grow across all segments of our business. Environmentally aware consumers, coupled with the emergence of tax incentives, are accelerating the transition to a more circular economy. IPL is well positioned to deliver on these market trends.

We also have ambitious plans to reduce both our own and our customers' greenhouse gas emissions (GHGs), through advanced returnable packaging for complex value chains and increased use of recycled content that underpins the circular economy.

These plans will be further developed throughout 2021.

Alan Walsh CHIEF EXECUTIVE OFFICER



Your Partner IPL Comments from our Head of Sustainability, Conor Wall

Increased use of recycled plastics will accelerate our transition to low carbon



Consumers' increasing demand for more sustainable products is reshaping our industry and creating powerful incentives for companies to become leaders of this transition.

Our 2019–2022 Sustainability Strategy steps up to this challenge, with integrated action areas including recycled content, product innovation, climate change and energy efficiency.

By committing to increased amounts of recycled plastics in our products, this in turn will reduce GHGs associated with our raw material inputs, whilst also supporting a more circular business model. In addition, by reporting the carbon impact of our raw materials for the first time in 2020, this also allows us to better understand our wider value chain emissions and become more transparent as a business.

In the near-term we are aiming for operational emissions reduction targets, increased use of recycled content and product innovation to further enhance the reusability and recyclability of our products. Our longer-term ambition is to transition to a low carbon company.

Through 2021 we will be further developing our sustainability performance indicators and goals.

Conor Wall HEAD OF SUSTAINABILITY



Your Partner IPL Our Global Reach

ERIS MANUFACTURING FACILITY, BOSTON, MA (LEAKTITE) 2021

ERIS MANUFACTURING FACILITY, PHOENIX, AZ (LEAKTITE) 2021

CPS MANUFACTURING FACILITY, DAYTON, OH (TECHII) 2020

ERIS MANUFACTURING FACILITY, UK (CORAL **AND INTERPACK)** 2021

ERIS MANUFACTURING FACILITY, UK (PLASTIC BOTTLE SUPPLIES) 2020

> Following 4 recent acquisitions we have expanded our global footprint to 19 facilities and 3 R&D centres of excellence.

Emphasis on this global approach will remain a key part of IPL's long-term strategy in the coming years.



Your Partner IPL Vision

Molding the future of circular plastics

\checkmark

Engage and empower the best and brightest talent

\checkmark

Build trust with all partners and stakeholders

\checkmark

Provide responsible and safe solutions

\checkmark

Deliver on our promises safely, on-time and on budget

\checkmark

Innovate constantly to deliver circular solutions



Your Partner IPL Values

Demonstrate respect

We work with respect and integrity, we always consider where today's work takes us and how it impacts those around us.

Innovate with passion

We drive innovation by being curious, asking questions to discover how things work and generating new ideas.

Delight our customers

We anticipate needs and deliver on our promises, we proactively partner with our customers on breakthrough solutions.

Empower our people

We create an environment where all feel welcome, safe and heard and everyone can contribute towards our common purpose.



Your Partner IPL An Eventful 2020/ Early 2021

IPL has had an eventful 15 months with strategic acquisitions and product launches to meet emerging market needs.



OCT 2020 Acquisition of PBS – manufacturer of HDPE bottles, UK

LEAKTITE

FEB 2021 Acquisition of Leaktite - manufacturer of pails in Boston, MA and Phoenix, AZ

MDP

OCT 2020

Acquisition of IPL Group by MDP (leading private equity investment firm in the US) and CDPQ (Canadian rollover shareholder)

Techll

DEC 2020 Acquisition of Tech II – manufacturer of overcaps, Dayton, OH

۲ CORAL

MAR 2021

Acquisition of Coral Products (Mouldings) Ltd. and Interpack Ltd. - returnable packaging business (UK)



Your Partner IPL **The Future of Plastics** Sustainability Governance Sustainability Highlights Our Performance

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The Future of Plastics Global Commitment to 2025

The Global Commitment is led by the Ellen MacArthur Foundation (EMF), in collaboration with the UN Environment Programme.

This initiative now unites over 500 businesses, governments and NGOs behind a vision to address plastic packaging pollution.

IPL's 2019–2022 Sustainability Strategy fully aligns with the Commitment and we are proud to support this initiative by continuing to deliver an increasing range of innovative and circular packaging solutions.

Crucially, the Global Commitment establishes standard definitions that underpin the goals. Being aligned with definitions such as recyclability or recycled content promotes greater transparency among global brands, convertors and raw material producers. It ensures a mutual understanding of the end goal as we work to fulfil our individual commitments to the 2025 targets.

2025 Targets¹

- 01 Eliminate problematic packaging
- 02 100% plastic packaging to be reusable, recyclable or compostable
- all packaging used







Breakdown of 500 Signatories¹





The Future of Plastics Global Commitment to 2025 Our Performance 2020



1 Ellen MacArthur Foundation (EMF), 2020, The Global Commitment 2020 Progress Report.

2 EMF New Plastic Economy Global Commitment, Feb 2020, Definitions (Pg.7)







In 2020 we replaced 14.3% virgin resins with recycled plastics (2.6% increase on 2019)



The Future of Plastics Role of Plastics is Becoming Increasingly Important

Plastic packaging gives our customers a safe, responsible and recyclable way to deliver products to their consumers.

It has many unique properties compared to alternatives. A good example is its carbon footprint, which is much less than glass and other packaging materials due to its lightweight and flexibility.

There is still room for improvement and IPL continues to work collaboratively with our customers and raw material suppliers to boost recycling rates through re-design and increasing recycled content.

These efforts will in turn reduce waste and leakage of plastic out of the circular economy, whilst also further reducing greenhouse gas emissions associated with the wider value chain.

\mathbf{C}

Our resins – polypropylene (PP) and polyethylene (PE) are 100% recyclable

Shatter-proof, food-safe, sealable and tamper evident



Significant transportation savings due to unique stacking properties





The Future of Plastics Plastics vs. Alternatives

Plastic polymers deliver many benefits to society compared to alternatives. However, their unique properties also have limitations.

Plastic offers a sustainable solution over the course of its life cycle, but only if it is reused or recycled responsibly. Broad and systemic change is urgently needed to address this challenge and we are seeing positive signs of this change both in Europe and across North America.

Emerging policies, regulation, taxation and other incentives will help drive this change and address the potential negative aspects of plastics. Our raw material resin producers are also preparing for new opportunities to make plastic resins more circular and sustainable, where nothing is leaked out of the circular economy.

Criteria



- Substitutes in USA and Canada
- 4 Trucost, July 2016, Plastics and Sustainability, pg. 7
- 6 Goldman Sachs, July 2019, The Plastics Paradox

	Plastic	Alternatives Glass, cans, paper	Details
	\checkmark	×	Less greenhouse gas emissions ³
ntal	\checkmark	×	Alternatives have 3.8x greater environmental cost ⁴
	~	×	More energy required to produce alternatives ⁵
	\checkmark	×	Metals may oxidize or rust⁵
	~	×	Alternatives are 4.1x heavier on average ⁶
	×	~	Plastic, including fishing gear, makes up 80–85% of marine litter ⁷
ng	×	~	Only 14% of plastic packaging is collected for recycling ⁸

3 Franklin Associates, April 2018, Life Cycle Impacts of Plastic Packaging Compared to

5 Citi GPS: Global Perspectives and Solutions, Aug 2018, Rethinking Single-use Plastics pg. 4

7 European Parliament Think Tank, June 2019, https://www.europarl.europa.eu/thinktank/de/ document.html?reference=EPRS BRI%282018%29625115

8 The Ellen MacArthur Foundation, 2016, The New Plastics Economy: Rethinking the future of

plastics Report, https://www.ellenmacarthurfoundation.org/publications/the-new-plastics-

economy-rethinking-the-future-of-plastics-catalysing-action



The Future of Plastics Bold Action Required to Increase Recycled Content

A key element of any sustainable packaging strategy is to ensure that materials are effectively recovered at the end of their useful life to provide new inputs into the circular economy.

Recycling is the most prevalent recovery pathway for packaging. To ensure that packaging is effectively recycled, the packaging community must engage on two critical fronts:

- designing products that flow optimally through the recycling system; and
- supporting end markets for the recycled content created by that system.

At IPL, we are continuously rethinking how we design our products to channel more recycled content back into the value chain, thus underpinning the new circular economy.



	Recycled ⁹ Content	Details of benefits
onomy	~	Unlocks the circular economy Recycled content allows brand owners to close the loop
ced	~	Lowers greenhouse gas emissions Recycled plastics emit up to 88% less GHGs compared to virgin resins
y	~	Enhances the recyclability of packaging Specifying recycled content can help ensure that end markets exist
nts	~	Meets 'global commitments' of brand owners Large retailers are calling for the use of recycled content by brand owners
	~	Takes action against packaging pollution Strong end markets for recycled content ensure marine pollution is avoided
5	~	Gets ahead of emerging regulations Companies can prepare for regulations stipulating mandatory use of recycled content



The Future of Plastics Our Products and The Waste Hierarchy

The waste hierarchy is an internationally recognised method of ranking products from most to least preferred in terms of their postconsumer use. All of IPL's products are ranked favourably in this hierarchy.

We do not manufacture any products that need end-of-waste treatments such as incineration or landfill disposal as all our products are in the beneficial categories of reduce, reuse and recycle.

We are leading manufacturers of environmental containers in the UK and Canada. Our returnable containers also hold a leadership position in the US. All our consumer packaging solutions are 100% recyclable and fully compatible with emerging government regulations and leading brand commitments to recyclability.

REDUCE **AND REUSE**

RECYCLE

INCINERATE

ТНЕ CIRCULAR DESIGN GUIDE

うりてく



LANDFILL





Recycling containers, waste carts and wheelie bins

13% Group Revenue (FY2020)

ERIS Division

Agricultural bins, returnable crates and totes.

16% Group Revenue (FY2020)

ERIS Division



No IPL products in this category

No IPL products in this category

LEAST PREFERRED

MOST





We design products for circularity and the transition to low carbon



The Future of Plastics **Our Circular Business Model**

Circularity is embedded across our two business divisions. Products in our ERIS Division are designed using easy-to-recycle polypropylene (PP) and polyethylene (PE) polymers. In many instances these products are designed for reuse, such as returnable waste carts, agricultural bins and material handing solutions.

Once these products reach their end-of-life, they are designed to be easily returned and recycled into new products through mechanical recycling.

In our CPS division, all our products are 100% recyclable, again using easy-to-recycle resins allowing this valuable resource also to be captured by current mechanical recycling technologies. For food-grade applications, advanced recycling is also expected to drive increased recycling rates in the future.

Solutions (ERIS)



segregation/ material handling

- 02 Used by customers for +10 years
- recycling (IPL or other)
- 04 Recycled plastic returned to new containers

Environmental, Returnable and Industrial

Consumer Packaging Solutions (CPS)

01 – Carts, bins and containers built for waste

03 - Containers returned at end-of-life for



- 01 Designed for 100% recyclability
- 02 CPS Packaging has many environmental benefits compared to alternatives
- 3A Advanced recycling for food applications (emerging technology)
- 3B Mechanical recycling for non-food application
- 04 Products returned at end-of-life for recycling



The Future of Plastics **Emerging Regulation Continuing** to Drive Step Change

IPL continues to view new and progressive government regulation as a positive and welcome trend to accelerate investment in waste recycling industries and to promote increased use of recycled content across our sector.

New plastic tax legislation is imminent in the UK and EU, which will accelerate these investments in recycling technologies, with Canada and USA following closely. Examples include:

- EU tax on plastic packaging at €0.80 per kg (2021); and
- UK plastic tax on packaging at £200 per tonne (2022), where recycled content is <30%.

Given the favourable position of our products on the waste hierarchy, we believe this will present more opportunities for IPL in this new plastics economy.



Europe and UK

New plastic packaging tax legislation proposed for EU and UK

Incentives will increase use of recycled content in packaging

EU targets 55% plastic recycling by 2030

IPL Opportunity

ERIS in Europe currently utilizing up to 50% recycled vs. virgin resin raw materials

Scaling up use of recycled content to meet emerging legislation/policy



Canada

'Canada-Wide Action Plan on Zero Plastic Waste' (June 2019)

Aims to reduce impacts of plastic waste through value recovery to achieve circular plastics economy

IPL Opportunity

Our circular business model is prepared for emerging policy objectives including:

- Extended producer responsibility;
- Single use plastics ban;
- Incentives for a circular economy; and
- Green procurement promoting circular resins.



USA

Washington State Bill (proposed, 2021): 15% PCR by 2023

New Jersey State Bill (proposed, 2020): 35% PCR by 2022

Oregon State Bill (proposed, 2021): Packaging recovery rate to be established

Draft Federal Legislation. 'Break Free From Plastic Pollution Act of 2020' (Feb 2020)

IPL Opportunity

Transfer of skills and knowledge from European operations ongoing

Product range for PCR established, with trials complete for pails and carts in North America

Suitable PCR suppliers in North America identified



Your Partner IPL The Future of Plastics **Sustainability Governance** Sustainability Highlights Our Performance



Sustainability Governance Materiality – Identifying What Matters

Our material sustainability issues articulate what matters most to our business and are critical to managing our risks and opportunities and our ability to respond to key stakeholders' expectations.

During the preparation of our 2019–2022 Sustainability Strategy, we carried out a detailed assessment of our material topics to understand their importance and provide clear direction on the challenges we face. The assessment included interviews with shareholders, customers, internal and external stakeholders and a benchmarking process against our peers in the packaging industry.

Understanding the results

Using the top 20 material topics facing the Company and ranking them in terms of importance, we established 3 Sustainability Pillars:

Innovation and The Circular Economy



People, Safety and Communities

Waste



Talent attraction and retention



Regulation



Training and education



Energy	Climate change	Operational excellence	Innovation product de ment/des
Circular economy	Growth and acquisitions	Health and safety	Sustainab materials supply cha
Research and development	Emissions	Ethics and human rights	Plastic use
Local communities	Employee relations	Water	Product safety







Sustainability Governance **Our Ambitions**

Within these pillars we further identified 10 key action areas on which we will focus in the coming years.

Our sustainability commitments and ambitions are now set for 2022, in line with the UN Sustainable Development Goals.

For each of these 10 action areas, we have stated our ambitions for the next two years.

The strategy will also be updated periodically to ensure alignment with IPL's overall strategic goals.

Innovation and The Circular Economy

01 – Recycled Plastics

Develop products that contain significant amounts of recycled plastics

02 — Innovation and Product **Development**

Innovate our products to ensure more recycled plastic polymers come back into the circular economy

03 – Design for Circularity

Design products with circular capabilities that can easily become raw materials for the future



Environmental Stewardship



People, Safety and Communities

04 — Climate Change

Factor climate change into our decision-making and risk management processes

05 – Energy

Transition to a low-carbon energy future

06 – Waste

Develop new solutions that enable us and our customers to reduce our collective waste footprint

07 – Water

Minimize our water footprint across the business

08 — Employee Health and Safety

Maintain a culture where the health and safety of our people is a key priority

09 – People Development

Continue to build a diverse and inclusive culture in which our people feel empowered and supported as we invest in continued career development

10 — Support for Local **Communities**

Actively engage with communities where we operate to create a positive impact and contribute to the local economy







In 2020, we reduced our GHG emission intensity by 5.6% (Scope 182)



Sustainability Governance United Nations Global Compact

The United Nations Global Compact works with companies at all stages of their sustainability journey to help them align with the 'Ten Principles' on human rights, labour, the environment and anti-corruption. Since the adoption of the Sustainable Development Goals and Paris Climate Agreement in 2015, businesses around the world have been using these principles to deliver transformative progress holistically and effectively.

IPL's governance framework includes a wide range of corporate policies, which are fully aligned to the 10 principles.

Human Rights

Principle 1: Support and respect the protection of human rights

Principle 2: Make sure that they are not complicit in human rights abuses

Labour

Principle 3: Uphold the freedom of association and right to collective bargaining

Principle 4: Elimination of all forms of forced and compulsory labour

Principle 5: Effective abolition of child labour

Principle 6: Elimination of discrimination in respect of employment and occupation



Environment

Principle 7: Support a precautionary approach to environmental challenges

Principle 8: Undertake initiatives to promote greater environmental responsibility

Principle 9: Encourage the development of environmentally friendly technologies

Anti-Corruption

Principle 10: Work against corruption in all its forms, including extortion and bribery



Sustainability Governance Integrated Governance Framework

Our sustainability governance framework provides a solid foundation for developing and anchoring sustainability strategy, ambitions and targets. It ensures that we focus on embedding sustainability into the business by implementing decisions in the relevant business areas.

At Group Board level, the Audit and Risk Committee (ARC) assists the Board in fulfilling its oversight responsibilities concerning sustainability, which includes its disclosure responsibilities on environmental, social and governance (ESG) performance.

The ARC is supported by the Executive, Group functions and divisions across the Group which underpin the governance framework.

IPL Board Committees

Human Resources and **Remuneration Committee** • Oversees the Group approach to HR policies and remuneration including incentive schemes for

- the executive directors; and
- Ensures alignment with HR practices.

Audit and Risk Committee (ARC)

- Oversees the Group's sustainability policy, initiatives and performance; and
- Ensures alignment with global best practice.

Executive Risk and EHSS Committee

Management responsibility for sustainability performance, guided by the ARC Committee

Ensures that divisional management uphold their responsibilities for sustainability performance

Group Functions and Networks

Treasury Operations HR I.T. Legal Finance **Risk and Internal audit**

Global networks including

- Health and Safety;
- Energy;
- Environment; and
- Sustainable resins.

Management Frameworks

Risk Management Framework

Group EHSS Policy

EHSS Management Structure

EHSS Internal audit

EHSS Risk Register

Standards and externally verified certification

Division and operational level responsibilities

Division General Manager

VP of Operations

Plant Manager

EHS Representative, Plant

	7	

Sustainability Governance Driving Our Plan Forward

In 2017, our first step was to develop consistent sustainability key performance indicators (KPIs) for the Group. Then in 2018 we published our Sustainability Strategy for the 2019 to 2022 period, setting out key pillars and action areas to focus on over a 4 year timeframe.

Throughout 2019 we further developed our data management systems to monitor progress, and in March 2020 we published our first Sustainability Report, publicly disclosing our Year 1 baseline performance to assurance level. This 2020 report establishes our Year 2 baseline performance, again to assurance level.

With 2 years of reliable baseline data now established, in 2021 we are focused on setting ambitious targets to drive improvement across our key action areas out to 2025. This will be shared in our annual sustainability report next year, with progress against our 2025 targets. 2017 KPIs

Establish consistent KPIs across the Group





Sustainability Governance Assurance Standards

For our 2020 sustainability performance Ernst & Young (EY) has provided limited assurance on selected KPIs presented in this report. This is the second year we have reported in accordance with internationally recognised assurance engagements.

EY's assurance engagement was planned and performed in accordance with the International Standard for Assurance Engagements (ISAE) 3000 Revised, Assurance Engagements Other Than Audits or Reviews of Historical Financial Information (ISAE 3000) and ISAE 3410 Assurance Engagements on Greenhouse Gas Statements (ISAE3410).

A copy of EY's Independent Assurance Statement is provided on page 52.



ISAE **3000**



Your Partner IPL The Future of Plastics Sustainability Governance Sustainability Highlights Our Performance



Sustainability Highlights Innovation and The Circular Economy

Responsible manufacturing of packaging requires product innovation, advanced recycling infrastructure and enhanced consumer participation.

Strong collaboration with recyclers, resin suppliers and global brands is also critical to the new plastics economy.



Sustainability Highlights Innovation and The Circular Economy Action Area Highlights 2020







Sustainable Development Goals (SDGs)¹⁰ and Strategic Objectives

SDG 9.4

By 2030, retrofit industries to make them sustainable, with increased resource-use efficiency

SDG 12.2

By 2030, achieve the sustainable management and efficient use of natural resources

SDG 12.5

By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse

SDG 12.6

Encourage companies to adopt sustainable practices and to integrate sustainability information into their reporting cycle



14.3% of all resins used in IPL were from recycled content, an improvement on 2019 (+2.6%)

13 products were approved in ERIS division to accept >50% post-consumer resin (PCR)

30% PCR incorporated into an eco-range of jerry cans for the UK market

Action Area 01 **Recycled Content**

New recyclers identified in North America to supply consistent quality of recycled content for emerging product range

26% of all resins used at California plant from recycled content, up from 18.6% in 2019. Mainly facilitated through the return and recycling of agricultural bins



Action Area 02 **Innovation and Product Development**

New paint lid with increased watertightness launched – allows access to viscous paints market

MacroBin[®] NG32 bin launched in 2020, enhanced design features

Redesigned oval tub – reduced weight by 18%, with GHG savings for customer

Enhanced MasterCart Series to facilitate up to 75% PCR mix

New Generation MacroBin[®] 26 launched sustainable solution for shipping of fruit and vegetables



Action Area 03 **Design for Circularity** (DfC)

'Design for Circularity' principles integrated into existing product development process

IPL collaborating on HolyGrail 2.0 initiative – expected to bring significant advances to packaging

IPL follows the American Plastic Recyclers (APR) design guide, How2Recycle label system, and customer DfC

Customers are challenged to design out potential recyclability issues in new product

Sustainable resin offered to customers as part of design process







Sustainability Highlights

Innovation and The Circular Economy Recycled Content

Technical advances deliver 30% PCR in our blow-molded jerry can range

The Challenge

The current jerry can range uses 100% single highdensity polyethylene (virgin sources). IPL's technical team set out to incorporate up to 30% PCR in order to develop a new 'eco range' for this product and meet the growing trend of 30% recycled content in plastic packaging.

The Approach

Working with some of our key material suppliers throughout 2020, we successfully trialled PCR materials and proved these materials to be of the same high quality standard we expect of our standard virgin resins.

The Result

The new jerry can range with increased PCR content was successfully delivered to market in Q4 2020, effectively creating an end market for PCR in the circular economy. This product meets the market expectation of minimum 30% PCR content and delivers on commitments made by major retailers and global brands.







Sustainability Highlights

Innovation and The Circular Economy Product Innovation

Latest in design innovations make a superior bin to outperform other bins on the market

The Challenge

Redesign the MacroBin® 26, commonly used for harvest of fruits and vegetables, to incorporate the latest in design innovations to make a superior bin with new generation features to outperform other bins on the market.

The Approach

Firstly, the bin's columns and feet were reinforced to improve impact resistance and reduce damage during tough harvests. A unique cross pattern design was also incorporated into the base to further reduce damage to produce by decreasing base line deflection.

The Result

- Improved column strength, increasing the bin's durability;
- Innovative geometry protects produce from side impact by creating a 'bruise buffer zone';
- Lightweight construction reduces greenhouse gas (GHG) emissions during transport; and
- Increased ventilation.











Sustainability Highlights Innovation and The Circular Economy Design for Circularity

Ground breaking technology will bring significant advances to plastic recycling

The Challenge

One of the biggest hurdles to increased volumes of recycled plastics is the complexity of the packaging design. Countless packaging formats, with many material combinations are in use, while the sorting technology on the endof-use side is capable of recognising only a few properties.

The Approach

The HolyGrail 2.0 project is assessing two sorting technology proposals that could drive higher quality recycling rates, namely:

- Chemical tracing encodes information into the plastic resin of the product; and
- Digital watermarking prints a code directly onto the packaging's surface, or pressed into the material.

The Result

Recently won the Sustainability Leaders Awards 2020 for Circular Economy Innovation. This technology is expected to bring significant advances to packaging, sorting and post-consumer recycled resin supply. HolyGrail will continue to explore possible test markets throughout 2021. IPL is one of more than 100 companies across the value chain leading this initiative.



SMART PACKAGING SORTING FOR A CIRCULAR ECONOMY

Standard high resolution



camera detects the digital watermarks & decodes their information

> Packaging waste coded with digital watermarks arrives at the sorting plant

Packaging waste is sorted into different streams for recycling (e.g. food vs non-food)







Sustainability Highlights Environmental Stewardship

As we grow, we will continue to focus on reducing GHGs, energy and waste impacts across our value chain, including upstream raw materials.



Sustainability Highlights **Environmental Stewardship** Action Area Highlights 2020











Sustainable Development Goals and Strategic Objectives

SDG 7.2

By 2030, increase substantially the share of renewable energy in the global energy mix

SDG 7.A By 2030, facilitate access to renewable energy, energy efficiency and advanced and cleaner fossil-fuel technology

SDG 9.4 By 2030, retrofit industries to make them sustainable, with increased resource-use efficiency

SDG 12.2 By 2030, achieve the sustainable management and efficient use of natural resources

SDG 13.2 Integrate climate change measures

into policies, strategies and planning

SDG 13.3 Improve education on climate change mitigation



Scope 1 (emissions) reduced by 16.1% YoY, primarily due to mild 2019/2020 winter in North America

Scope 1+2 emission intensity improved by 5.6% vs. 2019

Scope 3 reported for first time

Action Area 04 **Climate Change**

Scope 2 (emissions) reduced by 3.7% YoY, due to combination of grid improvements and energy efficiency at plant level

Weight reduction on SnapPack Series delivered GHG savings of 12 tonnes CO2e per 1.0M units

Action Area 05

Energy

Energy intensity improved by 1% YoY, due to increased production which is driving efficiencies

Absolute electricity consumption increased 2.1% YoY; actual tonnes processed increased by 3.1% – we produced additional volume without increasing energy demand

Product light-weighting may negatively affect our efforts to reduce energy intensity since volume processed is our preferred denominator



Action Area 06 and 07 Waste and Water

Created an outlet for 23,461 tonnes of recycled plastics a 5.8% YoY increase on 2019 volumes

MasterCart Series redesigned for up to 75% PCR in its design, facilitating significant outlet for circular economy

Scrap rate reduced by 90% on paint can assembly line at Tamworth Plant. US\$0.6M savings annualized

Global review of production scrap rates undertaken in 2020. Action plan being implemented









Sustainability Highlights Environmental Stewardship Climate Change

A reduced environmental footprint for tamper-evident consumer packaging application

The Challenge

IPL had several objectives for the upgraded SnapPack Series, including:

- Maintain supply chain performance;
- Lower part weight;
- Deliver GHG reductions;
- Better pallet density;
- Less littering (break tab); and
- Easy to open and modern look.

The Approach

IPL undertook the following steps to deliver a successful project:

- 'Voice of Customer' engagement;
- Concepts mockup;
- Finite Element Analysis (FEA);
- Moldflow analysis;
- Plastic weight and palletization density optimization; and
- Quantitative GHG savings analysis.

The Result

A superior product, with the following product improvements:

- 18% weight reduction;
- 12 tons CO2e reduction per million units (weightbased calculation);
- +20% containers per pallet;
- +60% lids per pallet; and
- Reduced littering potential.





Reduced weight A weight reduction of 18% achieved



Less emissions CO2 emissions (12 tonnes CO2e per million units)



More space efficient +20% containers +60% lids





Sustainability Highlights Environmental Stewardship Waste

Scrap rate reduced by 90% on paint can assembly (annual savings US\$0.6M)

The Challenge

A new assembly process with a challenging scrap rate was restraining outputs on our pail assembly line. Scrap rates internally for the welding stage of the line were well in excess of acceptable tolerance levels. In-depth investigations as well as extensive investment in people via training was required to address this challenge.

The Approach

Firstly, the team assessed each stage of product welding to gain a better understanding of this process. Using slow-motion video, the team identified the welding process as being problematic. Scrap rate fluctuations were directly linked to early parameters in the component manufacture.

The Result

The welding process was upgraded in terms of stability and reliability, resulting in scrap rate reduction of 90%. Raw material and costs savings of US\$0.6M (annualized) were also realized.









Sustainability Highlights Environmental Stewardship Water

US\$0.1M annualized savings in using advanced oil skimmer to treat wastewater

The Challenge

In prior years, the Washington facility was spending +US\$0.1M per annum in oily water removal due to cooling water losses containing hydraulic oils. This issue was further compounded by a high-water table, which generated excess amounts of water requiring treatment.

The Approach

Installation of a novel oil/water skimming plant, which uses heat to accelerate the oil/ water separation process. Skimmed oil is then decanted into used oil totes for collection and recycling by a waste oil reprocessor.

The Result

For a capital investment of US\$35K, the plant eliminated the mixed oil and water issue with annualized savings of +US\$0.1M realized. This upgrade also addressed the high-water table challenge. Learnings from this project have been shared with other facilities in the Group to promote continuous improvement.





Sustainability Highlights People, Safety and Communities

The success of our business depends on strong engagement with our people. We strive to create safe working environments where our people feel valued, can work to their full potential and where their achievements are celebrated.

We also believe in the importance of giving back to the communities in which we operate.



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Sustainability Highlights People, Safety and Communities Action Area Highlights 2020







Sustainable Development Goals and Strategic Objectives

SDG 8.3

Promote policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation

SDG 8.5

By 2030, achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities

SDG 8.8

Protect labour rights and promote safe and secure working environments for all workers

SDG 9.2

Promote inclusive and sustainable industrialization and by 2030, significantly raise industry's share of employment



All plants kept fully operational throughout pandemic, despite challenges

EHS compliance assessments undertaken by external auditors at all production plants, with no critical findings identified in 2020

Action Area 08 Health and Safety

Recordable case rate improved by 9% YoY (4.37 vs. 4.78 in 2019)

Days away and restricted duty rate (DART) improved by 27% YoY (3.2 vs. 4.4 in 2019)

Early response to COVID-19 in 2020 ensured the safety of our people remained a top priority

IPL COVID-19 manual commended by regulators in multiple locations

Action Area 09 **People Development**

Employee Assistance Programs rolled out to all locations to support our people and their families during a challenging year due to COVID-19

Targeted compensation review to provide support to operations where labor challenges exist

Increased focus on wellness activities

Through performance management, manager/ employee communication process significantly improved

10% of current workforce at Rotherham plant now made up of apprentices



Action Area 10 Communities

IPL Macro continued to contribute significantly to '1% for The Planet' Foundation (US\$38K)

Increase in community spend by 11% (US\$80K vs. US\$71K in 2019)

Logistics support and CAD\$25K worth of products donated to food networks across Canada -COVID-19 response

Donation of waste carts to local rugby and football clubs in UK used as 'ice baths'

Forget-Me-Not charity uses IPL wheeled bins across West Yorkshire and Manchester

Redesign of a waste cart lid via outreach program with Arthritis Action Charity





Sustainability Highlights People, Safety and Communities Health and Safety

36% improvement in safety at St. Damien plant

The Challenge

In 2019, management at our St. Damien plant introduced new measures to bring a renewed focus to the importance of health and safety at this location. Following consultations with numerous internal and external stakeholders, a detailed plan was prepared, and clear objectives set for the 2020 period.

The Approach

Measures introduced in early 2020 included:

- In-house training and coaching on safety leadership to supervisors and managers;
- Detailed analysis of all injury and near miss reports;
- Investigation coaching to managers;
- Reinforcement of housekeeping measures; and
- Daily floor inspections by management

The Result

Year-on-year improvement across all key performance indicators for health and safety, with an overall Total Recordable Case (TRC) rate improvement of 36% in 2020 versus the previous 2019 performance. This performance also led to an overall Group improvement of 9% on the TRC rate when compared to 2019.







Sustainability Highlights People, Safety and Communities People Development

Enhanced performance management processes are changing the conversation

The Challenge

A streamlined and consistent approach was needed to enable the business to continue its growth trajectory. Receiving frequent and high-quality feedback, followed by recognition of their valued contribution, will further empower our people and enable them to realize their full potential.

The Approach

Our people perform better and are more engaged when they know clearly:

- What is expected of them;
- How they contribute to IPL's success; and
- When they receive regular and quality feedback.

We adopted a consistent approach to setting and cascading objectives and having performance conversations.

The Result

In 2020 there was a considerable increase in the adoption of our revised process, stimulating conversation across the business around performance objectives. These improvements have generated a greater level of conversation and performance feedback as well as increasing empowerment of our people across the business.



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Sustainability Highlights People, Safety and Communities Communities

IPL takes part in the largest solidarity food preparation event in Canada

The Challenge

Our St. Damien plant partnered with "Les Cuisines Solidaires" (Solidarity Kitchens) to help with food bank networks across Canada. In Edmundston, we sponsored COVID-19 events to encourage solidarity in the community.

The Approach

We provided logistical support and also a product donation of CAD\$25K towards the Solidarity Kitchens Campaign. In Edmundston we contributed towards the purchase of PPE for a local charity caregiver to continue their services. We also sponsored the Edmundston firework display.

The Result

Les Cuisines Solidaires achieved their goal of 2 million meals for food banks across Canada, the largest solidarity food preparation event in the Country. Community events in Edmundston were also very well received, meeting our ambition to create a positive impact by actively engaging in the communities in which we operate.











Your Partner IPL The Future of Plastics Sustainability Governance Sustainability Highlights **Our Performance**



Our Performance Innovation and The Circular Economy

	What we said	What we did in 2020	Performance in brief	2019	2020*
Recycled Plastics	Develop products that	5.8% YoY volume increase of recycled content used in the Group	14.3% recycled content vs. virgin resins used across the Group	13.9% ^Δ	14.3% ^Δ
	contain significant amounts of recycled plastics	Significant increase of recycled content at Tamworth Plant, primarily driven by plastic packaging tax due in April 2022			
		New product trials in ERIS division will facilitate up to 75% PCR across a range of products			
Innovation and Product Development	Innovate our products. Ensure more recycled plastic polymers come	R&D investments made in emerging polymers, new process technologies, high-end injection mold development, recycled content trials and process automation	US\$11.046M [△] represents 1.80% of total revenues for 2020	1.64%	1.80%
	back into the circular economy	New generation returnable bins brought to market for agriculture market (MacroBin® 26NG and 32NG)			
		Omnicart Series also launched – universal design to withstand all types of collection equipment and waste streams in North America			
Design for Circularity	Develop new solutions that enable us, and our	Principles of design for recyclability integrated into the IPL Product Development Process	29% of products in the Group are re-usable or returnable	n/a	29%
	customers, to reduce our collective footprint	Enhanced design of pails in North America will reduce associated carbon emissions in value chain	100% of IPL products recyclable		
		Redesign of consumer SnapPack Series will also reduce customer GHG emissions.			



^{*} Progress performance metrics do not include data from aquisitions made in the 2020 period. These will be included in the 2021 report. Δ Independent Assurance provided by EY

Our Performance Environmental Stewardship

	What we said	What we did in 2020	Performance in brief (vs. 2019)	2019	2020*
Climate Change	Factor climate change into our decision-making and risk management processes	Scope 1 (On-site emissions from fuels) Absolute tCO2e reduced primarily due to milder weather conditions in North America during 2019/2020 winter	Absolute: 2,810 tonnes CO2e (-16.1% YoY variance)	3,350 tCO2e [△]	2,810 tCO2e [△]
		Scope 2 (Emissions from purchased electricity) Absolute tCO2e reduced primarily due to greening of the electricity grid across most jurisdictions	Absolute: 67,846 tonnes CO2e (-3.7% YoY variance)	70,430 tCO2e [△]	67,846 tCO2e [△]
		Scope 3 (Emission from raw materials) First year for IPL to calculate scope 3 emissions	Absolute: 385,019 tonnes CO2e	n/a	385,019 tCO2e ∆
		Scope 1+2 (Combined emissions) Intensity decreased due to greening of the electricity grid and improved energy efficiency	Intensity: 115 tonnes CO2e per \$1.0M revenue (-5.6%YoY variance)	122	115
Energy Efficiency	Transition to a low-carbon energy future	Absolute energy use (electricity) increased, driven by increased sales in CPS and ERIS in Europe	Absolute: 234.4 million kWH (+2.1% YoY variance)	229.5 MkWH [△]	234.4 MkWH ^Δ
			Intensity: 1,426 kWh/tonnes processed (-1.0% YoY variance)	1,440 kWh/t ^	1,426kWh/t ^Δ
Waste	Develop new solutions that enable us, and our customers, to reduce our collective footprint	Global review of production scrap rates undertaken in 2020. Action plan being implemented following results	100% of plants audited to determine production scrap rate		

* Progress performance metrics do not include data from aquisitions made in the 2020 period. These will be included in the 2021 report. Δ Independent Assurance provided by EY



Our Performance People, Safety and Communities

	What we said	What we did in 2020	Performance in brief (vs. 2019)	2019	2020*
Health and Safety	Maintain a culture where the health and safety of our people is a key priority	Early response to COVID-19 in 2020 ensured the safety of our people remained a top priority	Total Recordable Case Rate (TRCR): 4.37 (-8.6% YoY variance)	4.78 ^Δ	4.37 Δ
		IPL COVID-19 manual commended by regulators at multiple locations			
		Significant management focus on Health and Safety performance throughout 2020 with improvement plans initiated where required			
People Co Development div	Continue to build a diverse and inclusive culture in which our people feel empowered and supported as we invest in continued career development	Increased focus on developing the diversity of our teams	25% female representation on Executive Leadership Team, 0% in 2019	0%	25%
		communication process significantly improved Further development of apprenticeship programs in the UK	29% female representation across the Group		
			10% of workforce at Rotherham plant now made up of apprentices		
Communities	Actively engage with communities where we operate to create a positive impact and contribute to the local economy	 Increased spend in our communities, on projects including: Food banks across Canada to address COVID-19 challenges (St. Damien); Community events to support COVID-19 activities (Edmundston); Partnered with Arthritis Action to design fit for purpose bin lid (Tamworth); Science visits by local community to understand our plant (Rotherham); and '1% For The Planet' contributions for certain agricultural bin products. 	11% YOY increase on total spend vs. 2019	\$71,428 ^Δ	\$79,494 [∆]

* Progress performance metrics do not include data from aquisitions made in the 2020 period. These will be included in the 2021 report. Δ Independent Assurance provided by EY



Our Performance Independent Assurance Statement to IPL Plastics Limited.

Scope

We have been engaged by IPL Plastics Limited ('IPL') to perform a 'limited assurance engagement,' as defined by International Standards on Assurance Engagements, here after referred to as the engagement, to report on IPL's selected subject matter information marked with the symbol Δ (the "Subject Matter") in the Sustainability Report ("the Report") for the year ended 31 December 2020.

Other than as described in the preceding paragraph, which sets out the scope of our engagement, we did not perform assurance procedures on the remaining information included in the Report, and accordingly, we do not express a conclusion on this information.

Criteria applied by IPL

In preparing the Subject Matter, IPL applied their internally developed KPI Boundary Reports ("the Criteria"). Such Criteria were specifically designed by IPL to guide the measurement and reporting of the Subject Matter. As a result, the Subject Matter may not be suitable for another purpose.

IPL's responsibilities

IPL's management is responsible for selecting the Criteria, and for presenting the Subject Matter in accordance with that Criteria, in all material respects. This responsibility includes establishing and maintaining internal controls, maintaining adequate records and making estimates that are relevant to the preparation of the subject matter, such that it is free from material misstatement, whether due to fraud or error.

EY's responsibilities

Our responsibility is to express a conclusion on the

presentation of the Subject Matter based on the evidence we have obtained.

We conducted our engagement in accordance with the International Standard for Assurance Engagements Other Than Audits or Reviews of Historical Financial Information ('ISAE 3000') and ISAE 3410 Assurance Engagements on Greenhouse Gas Statements (ISAE 3410), and the terms of reference for this engagement as agreed with IPL on 17th December 2020. Those standards require that we plan and perform our engagement to obtain limited assurance about whether, in all material respects, the Subject Matter is presented in accordance with the Criteria, and to issue a report. The nature, timing, and extent of the procedures selected depend on our judgment, including an assessment of the risk of material misstatement, whether due to fraud or error.

We believe that the evidence obtained is sufficient and appropriate to provide a basis for our limited assurance conclusions.

We do not accept or assume any responsibility for any other purpose or to any other person or organisation. Any reliance any such third party may place on the Report is entirely at its own risk.

Our Independence and Quality Control

We have maintained our independence and confirm that we have met the requirements of the Code of Ethics for Professional Accountants issued by the International Ethics Standards Board for Accountants, and have the required competencies and experience to conduct this assurance engagement. EY also applies International Standard on Quality

Control 1, Quality Control for Firms that Perform Audits and Reviews of Financial Statements, and Other Assurance and Related Services Engagements, and accordingly maintains a comprehensive system of quality control including documented policies and procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements.

Description of procedures performed

Procedures performed in a limited assurance engagement vary in nature and timing from, and are less in extent than for a reasonable assurance engagement. Consequently, the level of assurance obtained in a limited assurance engagement is substantially lower than the assurance that would have been obtained had a reasonable assurance engagement been performed. Our procedures were designed to obtain a limited level of assurance on which to base our conclusion and do not provide all the evidence that would be required to provide a reasonable level of assurance.

Although we considered the effectiveness of management's internal controls when determining the nature and extent of our procedures, our assurance engagement was not designed to provide assurance on internal controls. Our procedures did not include testing controls or performing procedures relating to checking aggregation or calculation of data within IT systems.

A limited assurance engagement consists of making enquiries, primarily of persons responsible for preparing the Subject Matter and related information, and applying analytical and other appropriate procedures.

Our procedures included:

- Interviewed management to understand the key processes, systems and controls in place for the preparation of the Subject Matter.
- Performed a review of the data management systems, tested reasonableness of conversion factors applied, reviewed alignment with the Criteria and conducted analytical review procedures over the Subject Matter.
- Undertook a remote desktop site visit to a selected IPL operation to understand the process of data collection and reporting from site level to head office.
- Agreed sample selection to supporting documentation and re-performed calculations.
- Assessed the appropriateness of the Criteria for the Subject Matter.
- Reviewed the Report for the appropriate presentation of the Subject Matter, including the discussion of limitations and assumptions relating to the data presented.

We also performed such other procedures as we considered necessary in the circumstances.

Conclusion

Based on our procedures and the evidence obtained, we are not aware of any material modifications that should be made to the Subject Matter for the year ended 31 December 2020, in order for it to be in accordance with the Criteria.

Ernst & Young Dublin, 23 March 2021



Partner. Package. Protect.

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