



AUSTRALIAN INSTITUTE OF PACKAGING

AIP NEWS

FEBRUARY 2021

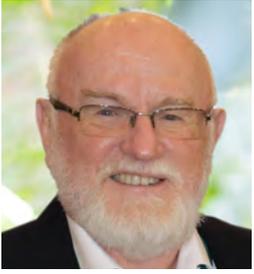


AUSTRALIAN INSTITUTE OF PACKAGING



AIP: PEAK PROFESSIONAL BODY FOR PACKAGING EDUCATION & TRAINING IN AUSTRALASIA

AIP Education Coordinator recognised with Global Lifetime Achievement Award



The Australian Institute of Packaging (AIP) is extremely proud to advise that AIP Education Coordinator, Ralph Moyle FAIP, CPP, has been recognised as the only international Lifetime Achievement in Packaging Awardee for the 2021 WorldStar Packaging Awards.

The judges, from all over the world elected Ralph Moyle as the sole 2021 WPO Lifetime Achievement in Packaging Awardee.

According to Prof. Pierre Pienaar FAIP, CPP, President, World Packaging Organisation (WPO), "The WPO 'Lifetime Achievement Award', in the field of packaging, was established with the aim of recognising practitioners, from all packaging disciplines, who have made a significant national or international contribution in packaging over a prolonged and sustained period", says Pierre Pienaar, WPO President. In so doing, the WPO acknowledges and rewards excellence in all aspects of packaging science, technology, design and application across the globe.

"It is these people who have consistently pushed the boundaries in advancing packaging to serve the needs of an ever more demanding consumer base. These prestigious awards will celebrate and preserve, in perpetuity, the collective achievements of these innovators." Prof Pienaar said.

Still taking in the news Ralph Moyle wanted everyone to know that he is 'humbled and honoured to be recognised on a global scale by the World Packaging Organisation.'

"Being recognised with a WPO Lifetime Achievement Award is such an honour for me. I have been very fortunate to have been able to share my expertise with others and expand training into various parts of Australasia. We have been able to take our knowledge and expertise in Sustainable Packaging Design to Thailand, the Philippines, Singapore and New Zealand and I hope to continue this work in a post COVID World. These programs have brought together people from all professions within the packaging industry for a common goal of knowledge sharing and learning," Mr Moyle said.

"I would like to take this opportunity to personally thank the AIP education team for their fantastic support for all of the training, seminars and workshops that I run across Australasia. In this role I have met thousands of peoples over the years and I learn as much from them as they do from me,"

"I am very lucky that I enjoy what I do. To see students grow into remarkable packaging professionals makes it all worthwhile." Mr Moyle said.

[Click here to read the full article](#)



AUSTRALIAN FOOD WASTE



FRIENDS OF CHAMPIONS 12.3



AIP to Partner with **Connect APAC**

The Australian Institute of Packaging (AIP) is pleased to advise that it is working with Connect APAC to help you advertise roles within your business and to help you find employment if needed. Connect APAC are uniquely placed to help AIP Members as they understand this industry. We encourage you to reach out to Connect APAC at any time and let them know that you are a part of the AIP community. Please also let your Human Resources Department know that the AIP has a Job Board on our website and anyone can place a Job Advertisement in our Newsletter and we are here to help.

For Businesses

Connect APAC was formed out of a desire to highlight and attract the highest quality talent to our partners within the Packaging and Consumer Product industries. The Packaging talent market is at a turning point where organisations that value talent acquisition as a key pillar of organisational strategy must rely on industry and functional recruitment specialists in order to efficiently fulfil their recruitment requirements, whilst effectively representing their brand.

"Nothing your company does is more important than hiring and developing top talent,"

In association with the AIP, the aim of the partnership is to represent AIP Members in the market and assist partner organisations with attracting the best and brightest talent, giving a competitive edge in enticing

those key industry players into AIP partner organisations. Connect APAC will offer a complete revamp of your employer value proposition, a fully transparent market map showing you where the top talent is, what they think of you & how to attract them and a full retention program to help you retain your top talent, all backed up by an above industry standard extended guarantee.

For Members

Connect APAC was born with a specific focus solely on recruiting within a clearly defined industries, Consumer Products and Packaging, where their long-term experience and entrenched networks across the APAC region enable them to add significant value to their candidates and AIP Members within this space – from entry level through to senior management.

The differential for successful recruitment is and always has been experience, skill and long-term dedication to building a trusted personal brand within the market. Connect APAC are specialist Recruiters with sustained levels of success and networks across our industries and can provide a personalised service in presenting new career opportunities to AIP Members. Their small agile team takes a consultative approach to working with candidates, utilising their long-term relationships and trust of their respective industries to market potential candidates, together securing a successful, sustainable future together.

Contact Connect APCA today to find out how they can help you.

www.connectapac.com.au

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- Candidate Engagement Drive
- Entire Market Analysis
- Attract the top industry talent

Contact mike@connectapac.com.au or 0459 182 637



The Australian Institute of Packaging (AIP) Save Food Packaging project

As a part of the Australian Institute of Packaging (AIP) Save Food Packaging project under the Fight Food Waste CRC we are proud to have a PhD student undertaking their own research alongside the industry-led program.

Please meet Ruby Chan from RMIT university and hear all about her research project. Ruby Chan is fighting food waste!

<https://youtu.be/WPIDmJuBOKg>



Position Vacant National Manager Industrial Food Packaging

Ball & Doggett

MELBOURNE OR SYDNEY LOCATION

Ball & Doggett is Australia's largest distributor of paper, packaging, plastics, inks and wide format media to the graphics and communication industry. With over 100 years' of experience and distribution facilities across Australia and New Zealand, they pride themselves on generating a supportive business culture and living their company values.

Primarily responsible for the sales and profit performance of Industrial Packaging and Food Service products. This role includes implementing of sales and account management plans to achieve budget targets, sourcing and developing new products/markets, inventory management, key account management, supporting state-based sales efforts and assisting with maintaining existing supplier relationships.

Key responsibilities focus on the external and internal factors that contribute to business development. In particular, you will not only manage and grow key accounts within the packaging market by developing and implementing a national sales strategy but also identify and take advantage of new market and product opportunities.

To support the sales strategy, you will develop new supplier relationships that align with anticipated client needs and industry trends. Internally, you will develop staff training modules, develop strategic relationships with key stakeholders within the business, and manage not only inventory but also product quality.

Effective performance in this position requires high levels of technical knowledge and interpersonal skills. Technically, you should have knowledge of and experience in business analysis, planning, and change implementation; along with detailed knowledge of the packaging segment and either printing or print-related manufacturing processes. You will also need to possess strong financial acumen and problem-solving skills. Interpersonally, to support your sales and marketing activities, you will need the ability to build rapport with, and influence, a wide range of stakeholders. Ideally, you will already have well-established and positive relationships with key stakeholders in the Australian packaging market.

This is a position that will provide an opportunity for an individual to work within a company that values all employees and sees this position as integral to our success.

PLEASE APPLY TODAY

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Australia & New Zealand 4th in the WorldStar Packaging Awards



The Australian Institute of Packaging (AIP) is pleased to announce that 10x Australian and New Zealand companies have been internationally recognised with 13x awards across 7x categories in the prestigious WorldStar Packaging Awards, which are run by the World Packaging Organisation. Winners from Australia and New Zealand combined, received the fourth highest amount of WorldStar Packaging Awards in the world behind Japan, China and USA which is an incredible feat for the ANZ region. The ANZ winners are winners from the annual Packaging Innovation & Design (PIDA) Awards program which is the exclusive feeder program for the two countries into the WorldStar Packaging Awards.

The categories where ANZ designs were recognised include Food, Beverage, Labelling & Decoration, Health & Personal Care, Household, Packaging Materials & Components and Transit. Planet Protector Packaging was recognised in three categories and NCI Packaging/Birdstone Collective in two categories. (NB: The WorldStar Special Awards, of which there are a number of ANZ entries, will not be announced until the 2021 virtual WorldStar Awards ceremony).

The 2021 WorldStar Packaging Award winners for Australia and New Zealand are:

WorldStar Packaging Awards **Food Category:**

- Planet Protector Packaging for the Lobster Protector
- Disruptive Packaging for Uniqcor for cold chain environments
- Platypus Print Packaging for the Youfoodz Meal Kit
- Sealed Air Brand Protective Packaging for the TempGuard kerbside recyclable packaging for pre-packaged, temperature sensitive goods

WorldStar Packaging Awards **Beverage Category:**

- Coca-Cola Amatil for 100% recyclable rPET bottles
- Ecolean for the Bannister Downs Dairy WA chilled pasteurised range
- Brownes Dairy for Australia's first renewable gable top milk carton

WorldStar Packaging Awards **Labelling & Decoration Category:**

- NCI Packaging & DuluxGroup for the Porter's Paints superior crafted paint can range

WorldStar Packaging Awards **Household Category:**

- Pact Group for New Zealand's Earthwise brand of PCR 75% rHDPE household cleaning range
- Birdstone Collective & NCI Packaging for the DuluxGroup Cabot's Ready Bucket

WorldStar Packaging Awards **Packaging Materials & Components Category:**

- Planet Protector Packaging for the Lobster Protector

WorldStar Packaging Awards **Health & Personal Care Category:**

- Pact Group for the New Zealand Earthwise Glow Labs brand of PCR 100% rPET bottle range

WorldStar Packaging Awards **Transit Category:**

- Planet Protector Packaging for the Lobster Protector



APPLICATIONS ARE NOW OPEN FOR THE 2021 AUSTRALASIAN PACKAGING INNOVATION & DESIGN AWARDS

Deadline: 5 March 2021. To download the entry forms and criteria visit <http://aipack.com.au/2021-pida-awards/> or email pida@aipack.com.au for further information.



APPLICATIONS NOW OPEN FOR THE 2021 AUSTRALASIAN PACKAGING INNOVATION & DESIGN AWARDS

DEADLINE: 5 MARCH 2021

Entries are now open for the 2021 Australasian Packaging Innovation & Design Awards for Australia and New Zealand. The Australian Institute of Packaging (AIP) have designed the Australasian Packaging Innovation & Design Awards (PIDA) to recognise companies and individuals who are making a significant difference in their field in Australia and New Zealand.

The PIDA Awards are the exclusive award program for all Australia and New Zealand entries into the prestigious WorldStar Packaging Awards, which are coordinated by the World Packaging Organisation (WPO).

2021 PIDA Categories include:

1. Design Innovation of the Year: Food
2. Design Innovation of the Year: Beverage
3. Design Innovation of the Year: Health, Beauty & Wellness
4. Design Innovation of the Year: Domestic & Household
5. Design Innovation of the Year: Labelling & Decoration
6. Design Innovation of the Year: Outside the Box
7. Sustainable Packaging Design Special Award
8. Save Food Packaging Design Special Award
9. Accessible & Inclusive Packaging Design Special Award
10. Marketing Special Award
11. Young Packaging Professional of the Year
12. Industry Packaging Professional of the Year

To download the entry forms and criteria visit <http://aipack.com.au/2021-pida-awards/> or email pida@aipack.com.au for further information



FEBRUARY 2021

OF Packaging Virtual Site Tour: Members Only

WHEN: **17 February 2021**

10.00 am to 11.00 am AEDT

WHAT: You are invited to join the AIP on a virtual tour of O F Packaging's manufacturing plant. O F Packaging provides flexographic print packaging options primarily to the horticulture, pet food, produce and bakery markets through their local business Plasticover Australia, based in Carrum Downs, Victoria.

Through the virtual tour, participants will be taken on a detailed walk-through of the flexographic central-impression printer and colour management services that are available on-site, as well as both the solvent-free lamination and film slitting machinery. The tour will end with a look at the multiple pouch and bag converting machines, and the in-house laboratory for product testing and quality control.

Participants will gain a better understanding of the entire manufacturing process for flexo-print, large-format packaging, and view the important aspects of production that ensure the best outcomes for packaging that is made right here in Australia.

This virtual tour, for AIP Members only, will take you through the facilities and the O F Packaging team will be available to answer questions during the tour.

MEET THE TEAM:



Joe Foster FAIP
Managing Director
OF Packaging



Jessica Ansell AAIP
Marketing Manager
OF Packaging



MARCH 2021

Zipform Packaging Virtual Site Tour: Members Only

WHEN: **10 March 2021**

2.00 pm to 3.00 pm AEDT

WHAT: You are invited to join the AIP on a virtual tour of Zipform Packaging. Zipform Packaging is an innovative sustainable packaging company specialising in the utilisation of the latest material and manufacturing technologies to increase the use of fibre as a functional packaging material.

Join us as they take you through Zipform Packaging's state-of-the-art, BRC Grade AA accredited manufacturing site in Perth Australia which is dedicated to the manufacture of rigid composite packaging for food and non-food markets. With the region's only linear formed composite pack manufacturing line, Zipform Packaging's composite packs utilise >90% paperboard content with a paper base and a wall structure incorporating an integrated printed layer. This delivers both the functional and aesthetic benefits of composite materials with multiple printing options available to promote the customer's brand.

This virtual tour, for AIP Members only, will take you through the facilities and the Zipform Packaging team will be available to answer questions during the tour.

MEET THE TEAM:



John Bigley MAIP
Chief Executive Officer
Zipform Packaging



Nicholas Payne MAIP
Business Development & Marketing Manager
Zipform Packaging



David Kilpatrick MAIP
Innovation, R & D, Technical & Quality Director
Zipform Packaging



MARCH 2021

Business Clean Up Australia Day: REGISTRATIONS NOW OPEN

WHEN: **2 March 2021**

WHAT: Business Clean Up Day is the perfect opportunity to:

- Engage your team on fun, practical, (COVID-19-friendly) volunteering experiences
- Enjoy the great outdoors and improve your local environment
- Involve your staff, customers and stakeholders
- Grow relationship connections through shared experiences



Fundamentals of Plastic in Packaging Training Course: VIRTUAL

WHEN: **25 March 2021**

WHERE: Via Zoom

WHAT: This course will build your understanding of plastics materials and processing - helping you avoid common errors made when selecting the most suitable polymer. The course gives a good account of the importance of plastics and the part they play in packaging. It is not imperative to have had any prior knowledge of polymers or chemistry as the course is structured to accommodate someone with little prior knowledge to the packaging industry as well as those who are new to plastics.

By the completion of the training, you will feel more confident in material selection, have a better knowledge of application, e.g. melting points, etc. and certainly a good understanding of what the various recycling symbols mean.

As an additional feature attendees are invited to bring along problem examples or product failures for general discussion or private consultation.

The key objectives of this training is to gain a good understanding of:

- Molecular structure of the main stream plastics used in packaging
- The difference between thermosets and thermoplastics
- How to establish what polymer is being used
- Have a good understanding of the mainstream plastics used in Packaging
- Understand the recycling symbols and what they mean to the industry and the consumer
- How does one convert a plastic from raw material to a finished component
- Get an understanding of plastic applications in the industry
- Discuss problems and find solutions to plastic issues



TRAINER:



Prof Pierre Pienaar MSc, FAIP, CPP
 President - World Packaging Organisation (WPO)
 Education Director- Australian Institute of Packaging (AIP)

APRIL 2021

FOODTECH PACKTECH 2021

WHEN: **13 to 15 April 2021**

WHERE: ASB Showgrounds, Auckland, New Zealand

WHAT: New Zealand's leading trade show for the food & beverage manufacturing and supply chain industries.



drupa: VIRTUAL EDITION

WHEN: **20 to 23 April 2021**

WHAT: After close consultation with exhibitors and partners, drupa, the world's leading trade show for print technologies, has had to be cancelled for 2021 due to the effects of the corona pandemic. Until then, the organizers are bridging the time window with "virtual drupa", a four-day digital event. The date of "virtual.drupa" falls within the period originally planned for drupa: April 20 to 23, 2021.



AIP Annual General Meeting: VIRTUAL

WHEN: **28 April 2021**

WHERE: Via Zoom

WHAT: **CALLING ALL AIP MEMBERS:** 2021 Australian Institute of Packaging Inc. Annual General Meeting. RSVP no later than 25th April 2021.





Up-Coming Virtual Courses, Webinars & Tradeshows

Please note that 2021 AIP events will be held as virtual programs

MAY 2021

2021 Australasian Packaging Innovation & Design (PIDA) Awards: VIRTUAL Ceremony

WHEN: **25 to 26 May 2021**

WHERE: Via Zoom

WHAT: You are invited to virtually attend the announcement of the winners of the 2021 Australasian Packaging Innovation & Design Awards.

1. Design Innovation of the Year: Food
2. Design Innovation of the Year: Beverage
3. Design Innovation of the Year: Health, Beauty & Wellness
4. Design Innovation of the Year: Domestic & Household
5. Design Innovation of the Year: Labelling & Decoration
6. Design Innovation of the Year: Outside the Box
7. Sustainable Packaging Design Special Award
8. Save Food Packaging Design Special Award
9. Accessible & Inclusive Packaging Design Special Award
10. Marketing Special Award
11. Young Packaging Professional of the Year
12. Industry Packaging Professional of the Year



JUNE 2021

GLOBAL PACKAGING FORUM 2021: VIRTUAL EDITION

WHEN:
15 to 17 June 2021

WHERE:
Alongside ProPak Asia 2021



PROPAK ASIA 2021

WHEN: **16 to 19 June 2021**

WHERE: BITECC (Bangkok International Trade & Exhibition Centre)
Bangkok, Thailand

WHAT: The 30th International Processing and Packaging Exhibition for Asia, ProPak Asia, the regional's number one international trade event for Food, Drink & Pharmaceutical Processing & Packaging Technology, is a part of ProPak exhibition series running across the globe – Myanmar, India, Philippines, Middle East & North Africa, Vietnam, and China.



Master of Food & Packaging Innovation Materials & Processes

WHEN: **28 to 30 June 2021**

WHERE: University of Melbourne

WHAT: The Master of Food and Packaging Innovation is an inter-disciplinary degree that explores food processing, entrepreneurship and innovation in product and packaging design at an advanced level. The Master course is a joint initiative between the University of Melbourne and the AIP.



Spread the word about packaging sustainability



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Up-Coming Virtual Courses, Webinars & Tradeshows

Please note that 2021 AIP events will be held as virtual programs



JULY 2021

Master of Food & Packaging Innovation Materials & Processes

WHEN: 1 to 2 July 2021

WHERE: University of Melbourne

Master of Food & Packaging Innovation Food Packaging & Design

WHEN: 5 to 9 July 2021

WHERE: University of Melbourne

WHAT: The Master of Food and Packaging Innovation is an inter-disciplinary degree that explores food processing, entrepreneurship and innovation in product and packaging design at an advanced level. The Master course is a joint initiative between the University of Melbourne and the AIP.

Foodpro

WHEN: 25 to 28 July 2021

WHERE: Sydney Showground, Sydney Olympic Park

WHAT: Foodpro is Australia's leading food manufacturing event, showcasing design innovations, new technology and the latest in processing and packaging solutions. Whether it's through exhibiting at the triennial event, or taking advantage of the digital opportunities available, foodpro brings the food industry expertise to one place.



AUGUST 2021

2021 AIP Australasian Packaging Conference: VIRTUAL

WHEN: 17 to 18 August 2021

WHERE: Via Zoom

WOMEN IN PACKAGING FORUM: VIRTUAL

WHEN: 18 August 2021

WHERE: Virtual



Australian Waste Recycling Expo (AWRE)

WHEN: 25 to 26 August 2021

WHERE: ICC, Sydney NSW

WHAT: As the premier business event for the waste, recycling and resource recovery sector, AWRE is where the best come together to join forces for a world of solutions towards a cleaner, more sustainable future.



MOVED TO 2023

Interpack

WHEN: May 2023

WHERE: Dusseldorf, Germany

WHAT: Interpack is far more than just a packaging show. As the world's leading trade fair, it is the major inspiration for the packaging industry and all related process technologies.

2,700 exhibitors from more than 60 countries will present their latest ideas, innovate concepts and technological visions at interpack - not only in equipment and machinery for packaging and processing, but also in production tools for packaging materials, materials themselves, and services for the entire industry.



Morrison Government sets food waste firmly in its sights

The Morrison Government has unveiled a new \$4 million body with the sole focus of reducing the nation's food waste - a crucial step in its mission to halve the millions of tonnes of food that ends up in landfill every year - by 2030.

Minister for the Environment Sussan Ley said the newly formed Stop Food Waste Australia, will bring together the brightest minds in supply chain management, food waste NGOs and all tiers of government to tackle the problem, including the Australian Institute of Packaging.

"Australians have focused on recycling for years, but very few of us think about the amount of food that we waste every week," Minister Ley said.

"To put it in perspective, every year, we throw away more than 7.3 million tonnes of food at a cost to the economy of more than \$20 billion and on average, households are throwing away up to \$3800 of food a year.

"Stop Food Waste Australia will work with industry to create real, practical changes that help everyday Australians reduce their food waste like adding clearer instructions on packaging for storage or creating consistent package design with easier to find use by or packed by dates."

Assistant Minister for Waste Reduction and Environmental Management Trevor Evans said food waste has a knock-on effect that even hurts our farmers.

"When we waste food, we also waste the precious resources that are used to make it: land, water and the work of our farmers plus the energy used to process, package and transport the food from farm to fork," Assistant Minister Evans said.

"Stop Food Waste Australia will support change in all parts of the food supply chain, from farmers and food manufacturers through to retailers and households.

"By reducing food waste, we can improve business bottom lines, put money back into household budgets and make better use of our natural resources."

CEO of Stop Food Waste Australia, Dr Steven Lapidge said the partnership has the experience to drive real change.

"We've got a passionate and committed group of Australian food industry leaders around the table," he said.

"Between all our Stop Food Waste Australia partners, we work across the entire food supply chain and that is exactly what is needed to tackle the system-wide problem of food waste here in Australia."

Nerida Kelton, Executive Director of the Australian Institute of Packaging (AIP) added that the establishment of the Stop Food Waste Australia body is a very important step to ensuring that food waste that goes to landfill is halved by 2030.

"The work that the AIP is undertaking on developing guidelines and criteria for improved Save Food Packaging Design aims to minimise food waste wherever possible, across the Supply Chain. Being a part of the Stop Food Waste Australia body allows the AIP to continue this conversation and raise awareness for the important role that packaging can play in minimising food waste." Mrs Kelton said.

Stop Food Waste Australia will comprise of the following members:

- **Australian Institute of Packaging (AIP)**
- ACT NoWaste
- Australian Food & Grocery Council
- Australian Food Cold Chain Council
- Department of Agriculture, Water and the Environment
- Fight Food Waste Cooperative Research Centre
- Foodbank
- Green Industries South Australia
- National Farmers Federation
- National Retail Association
- New South Wales Environment Protection Authority
- OzHarvest
- Queensland Department of Environment and Science
- SecondBite
- Sustainability Victoria
- Waste and Resource Action Programme (United Kingdom)
- Western Australia Department of Water and Environmental Regulation

NEW MEMBERS

The AIP would like to welcome the following new Members...

NAME	GRADE	STATE/COUNTRY
James Walker	International	Associate
Damian Marcantonio	VIC	Associate
Chandresh Wadhvana	NSW	Associate
Scott Browning	QLD	Member
Elena Leonteva	NSW	Associate

NAME	GRADE	STATE/COUNTRY
Maria Becerril Roman	VIC	Associate
Michael Cunningham	NSW	Associate
Deepa Bhoola	New Zealand	Member
Anchit Taneja	New Zealand	Member

LOOKING TO UNDERSTAND MORE ABOUT SALARIES WITHIN THE INDUSTRY?

Simply complete the Annual Salary Survey and receive the final report in your in-box.



The AIP partners with IoPP to bring Annual Salary Survey to the region

The Australian Institute of Packaging (AIP) is pleased to advise that it has partnered with sister-association the Institute of Packaging Professionals (IoPP) to bring their annual salary survey to the Australasian Region.

The IoPP continues to be the authoritative force in reporting salary and employment information within the packaging industry in the United States, and the partnership with the AIP will expand the reach of the survey into new regions.

The survey results for the Australasian Region will be developed from data derived from questions pertaining to our region that have been added to the IoPP Salary Survey in North America.

The AIP is seeking input from packaging professionals like you to ensure that we can develop a definitive resource for our industry for the region, as IoPP has done.

Given COVID-19's impact on the world, there has never been a more important time to respond to the Salary Survey. This year's Salary Survey – the only survey dedicated exclusively to benchmarking salaries and employment trends within the packaging industry – will provide a clear look into how the pandemic has affected the salaries of packaging professionals.

With just a few minutes of your time, your thoughtful responses to the survey's open-ended questions, will contribute to this important industry staple: IoPP's Annual Salary Survey Report. The report created from this survey does more than report your salary; it touches on your current employment status, educational factors, future career prospects and more.

Those who complete the confidential survey will receive the final 2021 report from the AIP for free.

The deadline to complete this survey is Wednesday, March 24, 2021

Thank you in advance for your valuable input and we look forward to the results. Please extend this invitation to all of your colleagues across the region.

To complete the confidential survey please click here

Australasian Media Partner

PKN
PACKAGING NEWS

Food SA and AIP help South Australian companies to better understand Sustainable Packaging to reduce Food Waste

The FOOD SA 'Sustainable Packaging to Reduce Food Waste Program' was an industry-led pilot project bringing together South Australian food and beverage businesses, packaging experts and government to explore the complexities and challenges of sustainable packaging to reduce food waste and provide sustainable packaging solutions. The project was delivered in partnership with the Australian Institute of Packaging (AIP) and was established as a three stage program across ten months.

Stage 1: businesses visited a Materials Recovery Facility (MRF) to expose participants to the realities and limitations of recycling equipment and material handling issues.

Stage 2: offered one-on-one consultation sessions with AIP packaging experts which encouraged participants to get more customised help in addressing their own packaging needs and to collaborate with other businesses addressing the same types of challenges.

Stage 3: offered participants follow up assistance through FIAL's Food Matrix online portal/website.

"The Sustainable Packaging to Reduce Food Waste Program was developed in partnership with the Australian Institute of Packaging (AIP) as we believe they would provide professional and personal development around sustainable packaging and save food packaging innovations to encourage adoption of best practice by industry. AIP provided a high degree of adaptability for each of the participants enabling each business to get the most value from the program. Follow up was done with each participant, providing all relevant information to assist them as much as possible. This project has been a real catalyst for businesses to think about food waste as a priority. Options for sustainable packaging material and ways in which the businesses can improve their waste management system have been common themes throughout the project." Catherine Sayer, Chief Executive Officer, Food South Australia

Watch the Food SA Wrap UP video to learn more about the program

O F Packaging and One Paper to form O F Resource Recovery



AIP Partner O F Packaging take their role in sustainability very seriously, having spent much of the past 24 months researching and developing better packaging alternatives to the market that would still provide their main purpose of product protection and safety. These alternative products have now been launched and enjoyed great success over the past 6 months.

As their ambitions move beyond their sustainable product offering, O F Pack felt it necessary to forward integrate and consider their place in the entire life cycle of packaging, and as a manufacturer of packaging materials, felt the need to contribute in reclaiming and recycling packaging materials at their end of life.

In order to achieve this, they have looked to those with long-term experience in this sector, who share the common goal of diverting waste from landfill and utilising these resources in more sustainable ways, while understanding the true value packaging has to offer.

With this they are excited to announce that they have found the perfect partners for this endeavor, and will be joining with One Paper, Laverton, to form the new business O F Resource Recovery.

The current team are well established with great experience in the recovery industry for cartons and paper, and together with O F Pack saw this as a great opportunity to continue their sustainability efforts along the entire supply chain. O F Packaging can see the potential for expanding the current operation to eventually include soft plastic recovery, while allowing them to offer a breadth of recovery and recycling services to O F Pack clients and the market in general.

For more information, please email O F Packaging at: info@ofpack.com.au or call the offices on (03) 9021 0490.

Vale Richard Mason

AIP Life Member

The Australian Institute of Packaging (AIP) sadly lost one of our family, Richard Mason MAIP in December 2020.

Life Member Richard Mason MAIP was the man who greeted you at every AIP conference and on every AIP exhibition stand around the country for close to three decades.

He and his wonderful wife Jayne would volunteer to help with the setting up of every conference, awards ceremony, technical forum, or exhibition stand that was held around the country.

Richard has been responsible for packing hundreds and hundreds of delegate bags and handing out name badges for the AIP and grading Members for so long that we will not know what to do without him.

He was also famous for driving to other states to help the AIP at many of our major events; as that was the type of volunteer he was.

Richard was dedicated to Central Region and to the AIP as a whole and his kindness and pure heart was a joy to be around. He truly was the epitome of the finest gentleman.

He will be sadly missed by many and we ask everyone to raise a glass for Richard Mason during the holiday season.

The AIP cannot THANK YOU enough for being such an invaluable member of our family.





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ti-films.com

Metalprint managing director Bernard Waterson AAIP shares how growers can meet market demands and sustainability with its latest packaging solution.

Ensuring sustainability when it comes to selling fruit and vegetables can require a number of conflicting priorities, requirements and sentiments to be met by fruit retailers.

On the other side of the supply chain, growers are required to meet the demands of not only the retailer, but also the end consumer, who expects safe and hygienic fresh produce in store, and increasingly, a preference for more sustainable packaging formats, while also preventing food waste.

Australian packaging specialist Metalprint is the region's distributor for Frutmac Zippmatic solutions and managing director Bernard Waterson says these solutions tick more boxes than other packaging formats.

"It's not just for recyclability, but also for food preservation and other market demands as well," Waterson told Food & Drink Business.

"Consumers prefer the recyclability of paperboard, but don't want to compromise on other features."

"Retailers want solutions that limit damage in transport, improve tamper evidence, are consistent with weight and measures requirements, and limit the handling of fruit in store and meet consumer demands.

"Fruit growers are required to meet all the above while maintaining an efficient and cost-effective operation.

"Frutmac's Zippmatic packaging is optimised to work together with existing logistics systems, and allows low touch and safe merchandising in store. The produce is protected from the damage often caused by other packaging formats."



NEW

SUSTAINABLE and FLEXIBLE PACKAGING – the new ZIPP Solution for fruits & Vegetables

AIP Partner Metalprint Australia has partnered with Frutmac Italy for Distribution of Frutmac + Zippmatic machines and packaging which is specifically designed for retail packs of fruits and vegetables.

The Frutmac paperboard foodtainer is linked with Eco Zipper, a glueless and ecological closure. Benefits include Consumers have high product visibility of the packed products and Retailers gain with stack ability though protection from patented Zipper closure forming a bridged handle.

Despite being fairly new to the Australian market, Frutmac's solutions are becoming widely accepted by European retailers and produce suppliers.

These packs have helped preserve and deliver a variety of produce in fresh and sellable condition, from apples, pears and kiwi fruit, to cherries, stone fruit, asparagus and potatoes.

"Packaging of fresh produce is necessary to get food to the consumer in the best condition possible," says Waterson.

"Fruit that is damaged through the supply chain becomes food waste, either due to a shortened useable life, or through simply being overlooked by the consumer. Produce packaging must primarily preserve foods through the supply network, and once in store."

There is a diverse range of materials and formats which fresh produce can be packed in,

such as punnets, plastic wraps, board-based trays and plastic bags. Although they may satisfy a subset of consumer and retailer requirements, "most of these represent a compromise in terms of function and/or sustainability," Waterson says.

"We're always working with growers in ensuring the produce they deliver to retailers is in its freshest and best condition possible, minimising the risk of food waste once it reaches stores. We believe Frutmac's sustainable solutions are going to change the way fresh produce is packed, transported and delivered for the better across Australia."

<https://www.foodanddrinkbusiness.com.au/special-report-fresh-produce/where-sustainability-meets-demand-in-packaging>

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EREMA has the Answer to an Increased Demand for Food Packaging Recycling

Legal and Industry requirements, such as the 2025 National Packaging targets for recycling content and brand initiatives, increasingly encourage packaging suppliers to search for stable and reliable sources for food contact compliant recycled material.

The Austrian manufacturer EREMA offers systems to solve this increased demand for food contact compliant recycle. EREMA set the industry's benchmark by being the first machine builder that received in 2019 the U.S. Food and Drug Administration's (FDA) approval for their PCR-HDPE to be used in food packaging with an unlimited mixing rate (up to 100%) for sourced from milk and juice containers. A new addition to the approval now covers that new food packaging can contain up to 100% of PCR-HDPE, whilst the input material can also be sourced from all food-grade containers, including containers and closures, and not only limited to drink containers.

All HDPE containers and closures can therefore consist of 100% PCR-HDPE that has been produced with the EREMA process.

This process combines the patented Intarema® TVEplus®, ReGrindPro® extrusion systems with the well-proven ReFresher module. The TVEplus® offers filtration, homogenisation, and degassing at the

highest level. The ReGrindPro® turns a wide variety of regrind material into application-optimised recycled pellets through gentle processing and highly efficient filtration. The pre-treatment of the material during the dwell time in the preconditioning unit of the recycling extruder enables a high decontamination performance of this machine. The additional removal of low-volatility odorous substances from the granulate by the ReFresher module further decontaminates the material.

Besides HDPE recycling, EREMA also offers food compliant PET recycling with their new Vacunite system, which is a combination of a further developed Vacurema system with the V-LeaN Solid State Polycondensation from Polymetrix.

Because Vacunite is forgiving with input quality requirements, it can process lower quality post-consumer PET into high quality food-grade PET. The key quality of Vacunite is the nitrogen and vacuum atmosphere in which all thermal process steps take place.

PET and HDPE recycling with EREMA means meeting a consistently high quality of recycle output while being flexible with input material.



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Transporting fresh produce in a COVID climate is challenging more than ever. Metalprint has a shelf-life solution for growers making the switch to sea freight export.

The nation's fresh produce sector has faced a number of challenges in the past year in the environment of the COVID-19 pandemic. In particular, the delivery of products to overseas markets has shifted to previous years – access to airfreight capacity has greatly diminished and costs have skyrocketed, while lead times to deliver produce to markets in good condition has become more difficult to manage, according to Metalprint managing director Bernard Waterson AAIIP.

Metalprint has serviced Australian businesses for more than 35 years with a wide range of packaging solutions. It has a focus on providing the latest, innovative technology from around the world to the domestic market, and once COVID-19 hit, the company has continued to find solutions for its customers in the fresh produce sector.

One of its products helping tackle the ongoing challenges of export is Flexfresh. Produced by Uflex, one of the largest vertically-integrated packaging manufacturers in India, Flexfresh naturally supports the extension of the produce being transported, and allows producers to deliver fresh produce in its premium, fresh state.

"It uses the natural processes of the fruit itself and without the use of any additives or chemicals, making it ideal for all types of fruit and vegetables, and in particular organic and premium fruit," Waterson told Food & Drink Business.

"Flexfresh limits the aging process of the fruit, while also preventing the development of moulds, which contribute to spoilage. It allows the choice of sea freight over airfreight for products that have a limited shelf life of weeks. Each product has its own specific performance, but shelf-life extension averages around seven weeks or more."

Flexfresh is bio-based, and has been certified compostable in Europe. It is responsibly sourced, without petroleum-based plastic, meaning it also has a responsible end of life.

Waterson says that Uflex perform and manage all aspects of its Flexfresh process in-house, from designing the composition of the films, through to materials production and manufacturing of finished packaging, allowing Uflex to design and specify speciality materials for Flexfresh, composed from the ground up.

"It ensures that the maximum performance is achieved through a unique combination of physical design elements and material characteristics to achieve shelf-life extension, weight loss reduction and flavour retention," says Waterson.

"Flexfresh is also suitable for fruits that are affected by condensation and fogging, as it's unique formulation eliminates condensation. It's optimised for each specific fruit and vegetable, ensuring the most fit for purpose liner possible.

"Flexfresh can even be specified for cut flowers such as roses, where it's used to empower e-commerce florists to deliver product of the highest quality."

The solution further eliminates the need for growers to include secondary additives to their produce, as Flexfresh also prevents any product deterioration.

Waterson says Flexfresh has been proven as a promising solution in export across a wide range of produce, such as beans, capsicums, mangoes, cherries, grapes and stone fruit. Its specialist design allows it to be targeted at almost any fruit or vegetable, meaning Australian growers and producers can be assured its produce – regardless of export or domestic transport – is reaching its destination in optimal condition.

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<http://www.foodanddrinkbusiness.com.au/special-report-fresh-produce/challenging-covid-19-for-fresh-export-delivery?>



A fresh arrival: Hass avocados packed in Flexfresh (left image) versus control delivery (right).

New APCO report maps the state of packaging in Australia and progress on Australia's 2025 National Packaging Targets

The Australian Packaging Covenant Organisation (APCO) has recently published 'Australian packaging consumption and recycling data 2018-19' a new report tracking Australia's progress towards the 2025 National Packaging Targets (2025 Targets).

The second in a series of annual publications mapping the state of packaging in Australia, the report's findings demonstrate that overall trends are positive, and Australia is making progress towards the 2025 Targets year-on-year. However, significant action from stakeholders across the supply chain is still required in order for Australia to meet the 2025 Targets.

The 2018-19 benchmarking results include:

- **Target 1: 100% reusable, recyclable or compostable packaging.**
 - Result: Proportion of recyclable packaging increased from 88% to 89%
- **Target 2: 70% of plastic packaging being recycled or composted.**
 - Result: The plastics recycling rate increased from 16% to 18% (Figures are higher for individual polymers e.g., 36% of PET and 23% of HDPE were recycled).
- **Target 3: 50% of average recycled content included in packaging (revised up from 30% in 2020).**
 - Result: average recycled content increased from 35% to 38%
- **Target 4: The phase out of problematic and unnecessary single-use plastics packaging.**
 - Result: apparent reductions in some of the priority materials - PS, EPS, PVC.

The report shows improvements to packaging sustainability in a range of areas including a reduction in the volume of plastic (-6%) and an increase in the volume of recyclable packaging on market.

The biggest area of challenge continues to be the recycling rate of plastics. While the recovery rate increased from 16% to 18%, significant progress is still required to meet the 2025 Target of 70%. These findings clearly support the need for stronger interventions into the way Australia manages plastic packaging.

This year's report also contains new data exploring the volume of packaging in landfill and reusable packaging formats. 2.9 million tonnes of packaging were disposed to landfill in 2018-19, accounting for 50% of the total amount of packaging placed on market. The impacts of landfilling instead of recycling these materials include lost economic value of around \$520 million (the value of this packaging if it had been sorted and diverted to recycling instead of landfill) and an additional 2 million tonnes of CO2 emissions.

The 2020 report also quantified reusable packaging for the first time. The pilot project examined material flows associated with five common reusable packaging systems, which were found to avoid the use of an **estimated 1.7 million tonnes** of single-use packaging. This demonstrates the enormous potential of reusable packaging systems to reduce consumption of single-use packaging, which will be a major area of focus for APCO and its Members over the next five years.

Brooke Donnelly, APCO, Chief Executive Officer, commented: "I cannot overstate the importance of taking collective action to work together in response to the issues identified in this report.

"There are plenty of positives to take away from this year's findings and it's particularly heartening to see that almost 9 out of 10 items of packaging on shelves can now be recycled. However, what the data reiterates for us yet again is that plastic recycling is the critical issue that needs to be addressed.

"We currently have more than 1500 organisations, representing the complete supply chain, actively working to deliver the 2025 Targets. It's time for all stakeholders to actively be part of the community driving the change towards a more sustainable approach to packaging in Australia - to find out more get in touch with APCO today."

Assistant Minister for Waste Reduction and Environmental Management, Trevor Evans MP, said: "I welcome this new report from APCO and the data that shows we're working towards the 2025 National Packaging Targets. Getting to 100% reusable, recyclable and compostable packaging across the country will set us on the path to creating a vibrant circular economy in Australia.

[Click here to access the Report](#)



Dairy packaging made from recycled PET – to protect our environment

Three Upper Austrian companies show how the circular economy can work: with sustainable dairy packaging made from recycled PET. Starlinger viscotec, PET-MAN and the dairy producer Biohof Zauner developed the first white yoghurt cup made from 100% rPET, which can be recycled after use and made into a yoghurt cup again.

Benefits of PET in a closed loop

PET is currently the only plastic in the European Union that can be recycled back into foodgrade plastic packaging. Compared to virgin PET, recycled PET has a much smaller carbon footprint. The recycling rate have to increase though, to take full advantage of the benefits of rPET. The European Union set a quota for the separate collection of plastic packaging waste of 90% by 2030 and introduces a tax for non-recycled plastic waste in 2021. It is the right moment to demonstrate the efficient and sustainable possibilities of the PET recycling cycle.

Organic yogurt in rPET cups

The Zauner family runs an organic dairy and wants to pack their organic products as ecologically and sustainably as possible. “In the past, we sold our yogurt in glass containers. These are heavy and the washing is time-consuming and requires a lot of water and detergent,” Christina and Leonhard Zauner name their reasons for looking for more sustainable packaging. Their requirements were clear, but none of the existing solutions met all of them, since “the packaging should be environmentally friendly, stable and lightweight. We wanted the packaging to be recyclable and to protect the dairy products from UV light - ideally, it is white.”

100% recyclable

In Europe, dairy products are currently mainly packed in polypropylene (PP) or polystyrene (PS), which according to the European Food Safety Authority (EFSA) cannot be reprocessed into recycled material for food contact. Strictly speaking, recycling these materials is 'downcycling' rather than 'recycling'. With rPET, Starlinger viscotec and PET-MAN rely on upcycling. “For us, recyclable means that the same product can be made again after it has been used by the consumer and recycled.” Since there has been no packaging solution for yoghurt which is recyclable according to food grade standards, they developed the first white cup made from 100% rPET.



The new rPET cup is not just made from recycled material, it is also designed for recycling. This assures 100% recyclability and turns the cup into valuable input material for recyclers after its use. First, the consumer removes the cardboard banderol and peels off the seal made from aluminium. What remains is the rPET cup itself, which is not printed nor laminated with other plastic types. Both print colors and multilayer material would contaminate the material and impede recycling for food packaging applications.

Closed loop recycling

PET-MAN and Starlinger viscotec highlight the importance of efficient collection and sorting of packaging waste. It is a crucial prerequisite for recycling and for the circular economy to work. The project partners, therefore, initiated a regional collection system for the white rPET cups and installed collection points at recycling centers and supermarkets. Thousands of cups have since been collected and then recycled and reprocessed, to close the recycling loop.

rPET is the most sustainable option

Packaging made from rPET has a low CO₂ footprint and leaves reusable glass packaging and plastic packaging made from virgin material far behind in terms of emissions. Unfortunately, many consumers are not aware of this. Starlinger viscotec and PET-MAN provide information for customers to allow a factual discussion about what constitutes an environmentally friendly packaging. When recycling PET, energy is saved, emissions are reduced and waste is being avoided. With Starlinger viscotec's technology, PET can be recycled virtually infinite times. From cup to cup – as shown by the rPET yoghurt cup.

Benefits of the cup made from 100% rPET

- Lowest CO₂-Footprint
- Endlessly recyclable
- Highest packaging quality
- Environmentally friendly

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APCO launches Action Plan for Problematic and Unnecessary Single-Use Plastic Packaging

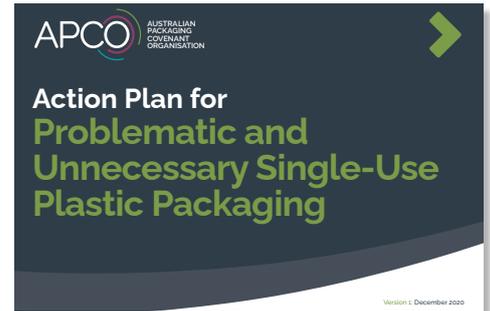
New resource will help Australian businesses eliminate approximately 50,700 tonnes of problem plastics every year.

The Australian Packaging Covenant Organisation (APCO) has recently published 'APCO Action Plan for Problematic and Unnecessary Single-Use Plastic Packaging' a practical new resource designed to help Australia's packaging supply chain phase out problematic and unnecessary single-use plastic packaging through innovative, sustainable solutions.

Approximately 50,700 tonnes of single-use plastic packaging enter the market every year and include some of the most challenging to recycle and environmentally harmful packaging formats.

The plan sets out how Australia can eliminate the following nine priority materials:

1. Lightweight plastic shopping bags
2. Fragmentable plastics
3. Expanded polystyrene (EPS) packaging for food and beverage service and retail fresh produce
4. EPS loose fill packaging
5. Moulded EPS packaging for white/brown goods and electronics
6. Rigid polyvinyl chloride (PVC) packaging
7. Rigid polystyrene (PS) packaging
8. Opaque polyethylene terephthalate (PET) bottles
9. Rigid plastic packaging with carbon black



Assistant Minister for Waste Reduction and Environmental Management, Trevor Evans MP, said: "APCO's Action Plan on single-use plastics is a practical resource to help drive the change we want to see through Australia's packaging supply chain to achieve the 2025 National Packaging Targets. The Morrison Government has endorsed these ambitious targets for recycling packaging in Australia, including to phase-out problematic and unnecessary single-use plastic packaging by 2025. We want Australians to be confident that our recyclable materials are not dumped in landfill or left to pollute our oceans and waterways".

[Click here to access full report](#)

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Australia's Federal and State Environmental ministers and the Australian Packaging Industry have committed to ambitious sustainability targets leading up to 2025.

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