



AUSTRALIAN INSTITUTE
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AIP NEWS

SEPTEMBER 2020

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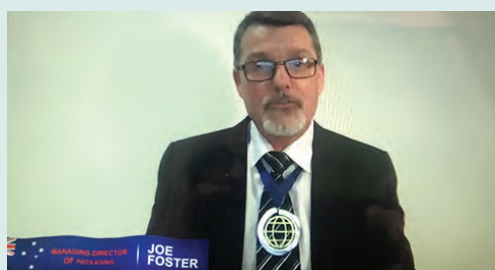


AUSTRALIAN INSTITUTE
OF PACKAGING

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

PIDA Award winners recognised at the 2020 WorldStar Packaging Special Virtual Awards ceremony

On the 26th of August at the Virtual 2020 WorldStar Packaging Special Awards ceremony, the Australian Institute of Packaging (AIP) saw the largest number of Australian and New Zealand companies recognised globally for their innovative packaging designs. (The annual Australasian Packaging Innovation & Design (PIDA) Awards are the exclusive entry point for ANZ companies for the WorldStar Packaging Awards.) <https://youtu.be/yg843hjEles>



2020 WorldStar Lifetime Achievement in Packaging Award

The World Packaging Organisation (WPO) recently announced the winners of the 2020 Lifetime Achievement in Packaging Award including our very own Joe Foster FAIP, Managing Director, OF Packaging (Australia).

<https://youtu.be/mK7FSyylwuQ>

2020 WorldStar Packaging Sustainability Special Award

The World Packaging Organisation (WPO) recently announced the winners of the 2020 WorldStar Packaging Sustainability Special Award which recognised two PIDA Award winners. The Gold winner was PACT Group for the New Zealand brand Lewis Road Creamery PCR 100% recycled PET milk bottle range. The Silver winner was Woolworths Australia for replacing plastic trays with pulp based trays nationally into all stores for over 50 of their in-store bakery products.

<https://youtu.be/ZplBtI6E2Lk>



2020 WorldStar Packaging President's Award

The World Packaging Organisation (WPO) recently announced the winners of the 2020 WorldStar Packaging President's Award which recognised PIDA Award winner Plantic Technologies for the NEAT Meat Tray using PLANTIC™ RV high barrier Skin Pack recyclable material to replace their previous non-recyclable tray made from black HIPS. This is the first time an ANZ entry has ever won an award in this category.

<https://youtu.be/zZBCmkWNcho>



2020 WorldStar Packaging that Saves Food Special Award

The World Packaging Organisation (WPO) recently announced the winners of the 2020 WorldStar Packaging that Saves Food Special Award with PIDA Award winner Hazeldene's Chicken Farm & Sealed Air taking out the gold award. Hazeldene Chicken and Sealed Air were recognised for Cryovac Darfresh on Tray vacuum skin technology that has been engineered to address food safety, 25% extension of shelf life over the previously used Modified Atmosphere Packaging (MAP) format, improved on-pack communication.

https://youtu.be/i4u3_o94hTU



NEW MEMBERS

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

NAME	GRADE	STATE/COUNTRY
Mufaddal Electricwala	Member	International
Gabriel Hancock	Member	NSW
Clem Tacca	Associate	NSW
Deon Van der Merwe	Member	NSW
Fiona Etherington	Associate	QLD

NAME	GRADE	STATE/COUNTRY
Jasmine Meagher	Associate	QLD
Regina Budiardjo	Associate	VIC
Kelvin Davies	Member	VIC
Damien Rolachon	Associate	VIC





Up-Coming Virtual Training Courses & Webinars

All AIP Education & Training activities attain points towards the Certified Packaging Professional (CPP) Designation



SEPTEMBER 2020

AIP Implementing the Sustainable Packaging Guidelines Within Your Business On-Line Training Course - NEW COURSE

WHEN: **1 September**

WHERE: On-Line via Zoom

WHAT: The 'Implementing the Sustainable Packaging Guidelines Within Your Business' Training Course will enable companies to deep-dive into how to implement Sustainable Packaging Design into your existing and new packaging development processes to ensure that the business is reducing the environmental footprint of all packaging where possible, and at the same time meeting the 2025 National Packaging Targets.

The Sustainable Packaging Guidelines (SPGs) have been established to assist the design and manufacture of packaging that meets the sometimes conflicting demands of the market, consumer protection and the environment. Sustainable Packaging ultimately ensures that the design provides the lowest possible environmental impact compared to existing or conventional packaging. Sometimes achieving the lowest possible environmental impact can be challenging, particularly when balancing various environmental criteria with other functional and commercial considerations.

TRAINER:



Ralph Moyle FAIP, CPP
Education Coordinator
Australian Institute of Packaging (AIP)



AIP Members to receive discount to attend first-ever AIPIA Virtual Congress Stay at home to attend the biggest Smart Packaging event of 2020

WHEN: **10 September 2020**

Whilst AIPIA may not be able to bring you the Reality of a face to face Congress this year, the AIPIA Virtual Congress on 10th September 2020 is shaping up to be the best Smart Packaging encounter of the year! More than 30 speakers and 22 booth holders in the presentation area means there is a real buzz of expectation.

As well as all the normal fun of an exciting program of speakers, including two major Brand Owner Challenges by Takeda and Kraft/Heinz, delegates will be treated to, and can participate in, Panel Q&As on some current 'hot' topics as well as Live Technology Streams and top notch Keynotes.

"We have decided to experiment with some really interactive sessions," explains Eef de Ferrante, managing director of AIPIA.

"One Panel will take as its theme the challenges facing the Smart Packaging sector and why things are not happening faster for some of the technologies. Another will explore 'circularity' and how our sector fits in to the sustainability equation."

Familiar names already lining up in the demonstration area include Aptar, AsahiKASEI, Digimarc, Kezzler, Systech, Toppan and Zappar. But they are also joined by several new faces such as Inspectron, Jenton Dimaco, Sincpress and Syntegon (the new name for Robert Bosch Packaging).

For ALL AIP Members and Partners who would like to attend the Congress please use the discount code AIPIA-VC-10 when registering <https://www.aipia.info/congress-registration.php>





SEPTEMBER 2020

Informa Markets & WPO Webinar 4:

How COVID-19 is impacting the role that Packaging plays in Food Waste and Food Insecurity

WHEN: **23 September**

WHERE: Via Zoom

WHAT: Webinar 4 in the series will discuss how COVID-19 is impacting the role that Packaging plays in Food Waste and Food Insecurity. The interactive session will include a global panel of experts who will discuss Safety, Save Food Packaging Design, Food Security and Insecurity, Food Recovery & Collection programs.

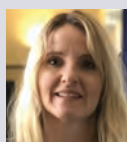
The Panellists will include:



Dr Manfred Tacker
Head of Department of Packaging
Technology and Resource Management at
University of Applied Life Sciences, Vienna



Dr Srin Srinivasan
President
World Design Organisation (WDO)



Nerida Kelton MAIP
Executive Director – Australian Institute of Packaging (AIP)
ANZ Board Member – World Packaging Organisation (WPO)



Kishan Singh
Global Ambassador
World Packaging Organisation (WPO)

Facilitator:



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



PROPAK

The Use of Lifecycle Assessment Tools for Sustainable Packaging Design On-Line Training Course

WHEN: **30 September**

WHERE: On-Line via Zoom

WHAT: The Use of Lifecycle Assessment Tools for Sustainable Packaging Design training course is aimed at providing an introduction and learning framework for packaging industry professionals to apply lifecycle thinking to their working contexts. This includes an understanding of the reasons why lifecycle thinking is critical, as well as how the method may be used for packaging design projects they manage.

The course will be structured to cover the following:

- Understanding the current shifts and challenges in Sustainability
- What is Lifecycle Assessment?
- Why is Lifecycle Assessment an important tool in Sustainable Packaging Design?
- How do you quantify eco-efficiency?
- Lifecycle Thinking within Sustainable Packaging design
- Introduction to Lifecycle Assessment (LCA) and Its benefits
- Case Study Examples and Interactive hands-on LCA tool usage
- Seizing the strategic opportunity in Sustainability
- Better understanding of how to use LCA tools for competitive advantage and to establish strong relationships across your Supply Chain partners



TRAINER:



Dr Simon Lockrey

Coordinator - Design Action Program + ID Engineering Courses
Senior Lecturer/Research Fellow - School of Design
School of Design, College of Design and Social Context,
RMIT University, Australia



OCTOBER 2020

PROPAK ASIA 2020: NEW DATES

PROPAK
ASIA

WHEN: **20 to 23 October**

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

WHAT: ProPak Asia 2020 is the largest annual Processing & Packaging trade event for the ASEAN region with nine industry focused zones bringing buyers from across the world.

Informa Markets & WPO Webinar 5:
How COVID-19 is impacting Global Supply Chains

WHEN: **21 October**

WHERE: Via Zoom

NOVEMBER 2020

AWRE 2020 REIMAGINED ONLINE

25-26 NOVEMBER 2020

Australasian Waste & Recycling Expo 2020: NOW ON-LINE

The past few months has continued to see much disruption to the way we conduct business and live our daily lives. AWRE is committed to providing an essential platform for the waste, recycling and resource recovery sector to grow, learn and do business safely, and therefore we are excited to announce that AWRE 2020 will be reimagined and launched as an interactive online event making it accessible to everyone, irrespective of geography or social distancing rules, to run as planned on 25-26 November 2020.

After much consideration and consulting with the industry, running a face to face event this year is not in the best interests of our community. With restrictions on gatherings and other government regulations casting uncertainty over the coming months, it's never been more crucial for us to come together as a community with a united front.

The AWRE 2020 reimagined online event has been established to offer the flexibility to connect while staying apart, learn and hear from the industry's best as we navigate a changing world. The Federal Governments announcements on the review of the Product Stewardship Act the \$190 million Recycling Modernisation Fund and the NSW State Governments forthcoming 20 Year Waste Strategy are all positive signs for the industry and AWRE are excited to provide a platform to discuss, reflect and explore the strong future of the industry.

FEBRUARY & MARCH 2021

Interpack: NEW DATES

WHEN: **23 Feb to 3 March 2021**

WHERE: Dusseldorf, Germany

WHAT: Internationally the most important event in the packaging sector and the related process industry, interpack will be held at the Düsseldorf Exhibition Centre. Both exhibitors and visitors can look forward not only to an entirely new Hall 1 and a new Entrance Süd but they can also benefit from an overall clearer hall structure with even more sharply focused segments. This means even shorter distances thereby making for more efficient trade fair visits.

Interpack's unique selling point is its distinctive solutions package and coverage of entire value chains. This includes processes and machinery for the packaging and processing of packaged goods plus packaging media and materials and the manufacturing of packaging aids as well as services for the packaging business.

The last edition of interpack attracted 2,866 exhibitors and 170,899 visitors from 168 countries and thanks to busy orders from three-quarters of the decision-makers among them made for significant impulses in the sector.





APRIL 2021

FOODTECH PACKTECH 2021: NEW DATES



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: NEW DATES

WHEN: 20 to 30 April 2021
WHERE: Dusseldorf, Germany
WHAT: There is no other industry event that has such great international appeal as the leading trade fair for printing technologies. More than half of its visitors come to drupa with specific investment projects.



drupa provides crucial impulses for print, media, packaging production, and industrial applications – especially in the vertical markets as well. The world's leading trade fair for printing technologies offers outstanding networking opportunities and potential for excellent business dealings. This is where innovations are brought into the market, new business models are developed, and new partnerships are formed.

drupa is an international magnet for visitor target groups from a wide variety of industries. In addition to the printing and packaging industry, there are also groups from vertical markets such as consumer goods, luxury goods, cosmetics, bank and safety technology, and many more. More than half of its visitors come to drupa with specific investment projects. **AIP Members to receive discounted visitor tickets.**

JULY 2021

Foodpro: NEW DATES

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.



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Hello AIP members and associates,

I am lucky to be the AIP Education Coordinator and have the true privilege of working with all of the students on our Diploma in Packaging Technology and Certificate in Packaging courses. All of our students are talented and are leading the way as our next generation of skilled technical packaging professionals.

Often, our students are confronted by external influences that disrupt their plans and the AIP tries to work closely with each and every student to help them balance their work and family lives. However, there is one student who stands out to me for pure courage and determination. Often these terms are used in sport but I am referring to life which is far more challenging. That student is Shabbeer Ahmed. You may not be aware of Shabbeer's story, so he has given me permission to share it.

Shabbeer was going through the Degree very well with great results. He had buddied up with Michael Van Dord MAIP and they were both progressing extremely well. Three months after getting married, Shabbeer was struck down with a form of cancer called ALL (Acute Lymphoblastic Leukemia). Shabbeer and his wife returned to India for initial treatment and family support. He returned to Australia to continue the treatment in 2019 and to receive better medical support. He has worked through great pain over the past couple of years to get back on his feet. Shabbeer recently resumed his work with General Mills and is now working full time. During all of this he kept studying his Diploma Degree in parallel and completed his Units 3 & 4.



I am just so delighted to inform you that his Unit 4 results were received this month, and he has received a Merit for that section and Distinction for the entire course.

I am sure you would agree with me that this is an exceptional result by any measure.

May I ask you to please give him a round of applause, raise your glass or give him a note on social media.

We are proud to have people of his quality as a member of the AIP and he truly is a remarkable person who has fought hard to attain his Diploma in Packaging Technology. The entire AIP Education Team holds him in the highest regard for his outstanding achievements and wants nothing but the best for Shabbeer.






Ralph Moyle FAIP, CPP
Education Coordinator
Australian Institute of Packaging (AIP)

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Shabbeer Ahmed Dip.Pkg.Tech. MAIP, Packaging Engineer, Fresh Meals Solutions, ITQ – R&D, One Global Meals is the AIP's latest Diploma in Packaging Technology graduate and the AIP asked him what he has learnt during his studies...

Q1: What is your current role? What are your areas of responsibility?

Shabbeer: I am currently working as a Packaging Engineer at General Mills primarily focussed on FMS (Fresh Meals Solutions) business in the Australian market. My key responsibilities involves managing packaging projects, supporting packaging development which includes innovation, renovation and cost saving exercises, providing technical support to the project teams and most recently, exploring recyclable options and solutions as part of our company's packaging sustainability ambition.



Q2: What does graduating from the Diploma in Packaging Technology mean to you?

Shabbeer: It definitely means a lot to me, especially when coming from a pharmaceutical and quality background. It all started 4 years ago when I challenged myself to step out of my comfort zone and explore new areas. My colleague at work recommended me to take up this course and with the help of my company's support, I enrolled in the Diploma in Packaging Technology Degree. In this journey, this course has truly guided me to understand the key aspects of packaging, literally from scratch. I must say here, my company has immense faith in me and supported unconditionally in my packaging career evolution process. General Mills and the AIP are my key ingredients in this success recipe.

Q3: How will you apply this knowledge moving forward?

Shabbeer: Speaking in packaging terms, I can use the right materials and tools to design my packaging career, calibrate my packaging performance while interacting with key stake holders and peers, have more confidence to try new things through trials and successfully keep launching myself into the market through packaging. I have received a great exposure on different packaging materials and their properties which I think is definitely valuable. Also, as sustainability topic is the new normal these days, I am really keen to apply my learnings in this area and be a force for good in protecting our planet earth.

Q4: Do you have any advice on why other people should complete the Diploma in Packaging Technology?

Shabbeer: Simply put, you need to learn alphabets before writing essays and this Degree exactly does that. Packaging is just not about boxes or plastic as most believe. It is a science in itself and to excel you need to have a command on the basics first. So, I highly recommend this Degree, if you are really keen to surf or dive into the packaging ocean.

Q5: So where to from here for your career?

Shabbeer: It is time to accelerate. I am already enjoying and growing in my packaging career by applying the knowledge that I acquired through this Diploma. Graduating with a Diploma in Packaging Technology Degree is a boost now. I am currently leading a few sustainability projects in my company which I am really excited about and really hoping this journey will open new doors for me to step up in my career.

Q6: Will you consider applying to become a Certified Packaging Professional in Training as your next professional development stage?

Shabbeer: Of course, if I have a chance why not. I am trying to understand more about this and assessing how it can help me more in my job activities. I will reach out to the AIP for guidance.

The Diploma in Packaging Technology is a PIABC accredited Level 5 qualification which is internationally recognised for those wishing to pursue a career in the packaging industry or for those who are already in the industry and who wish to extend their knowledge and expertise. It has been offered by the AIP continuously for forty years and has an exemplary record of successful students. The Diploma in Packaging Technology prepares students to take responsibility for packaging operations at any level through the supply chain. The qualification is comprehensive, and provides an opportunity to study the principles of packaging, packaging materials and packaging processes.

POSITION VACANT



PACKAGING TECHNOLOGIST

SNAPSHOT:

Location: Rhodes, Sydney
Duration: Full Time, Permanent
Include Cover Letter in Application
Degree qualified and ideally possess FMCG experience
Minimum 3 years of experience in Packaging Technology

POSITION SUMMARY:

As a Packaging Technologist in their Innovation Acceleration Team, you will deliver packaging innovation and renovation projects with their contract-manufacturing and inter-market supply partners for the Australian and New Zealand markets.

In this role you will work cross functionally, particularly closely with marketing and supply chain teams, to identify and translate business requirements into packaging solutions. You will be exposed to iconic products and brands and will work with leading and novel packaging technologies and multiple manufacturing and packaging supplier partners both locally and globally.

ARE YOU A FIT?

If you have a food, science or engineering-related qualification and 3+ years' practical experience in packaging technology, they are inviting you apply for this unique position with our global FMCG. The ideal candidate will have demonstrated success in delivering packaging projects with cross-functional teams, have a strong technical mind, a good eye for detail and the ability to quickly familiarise yourself with their many products, sites and cutting-edge technologies. You will be able to confidently communicate with corporate, factory and external stakeholders both locally and internationally, and previous experience with contract-manufacturing models is desirable.

Applicants must be eligible to work in Australia and have Permanent Residency.

NESTLÉ STORY

Nestlé enjoys a reputation as one of the world's largest FMCG companies and we are driven by our purpose – enhancing quality of life and contributing to a healthier future. Their inclusive and high-performance culture is a testament to the great training, development, rewards and recognition we extend to every member of our 5,000-strong Oceania workforce. Nestlé Oceania supports a culture of diversity and inclusion in all that they do. Take a look at <https://www.nestle.com.au/careers/> to see some of the ways they live and practice this every day in their workplace.

For more information please visit our website @ www.nestle.com.au/careers or Our LinkedIn page: <http://www.linkedin.com/company/nestle-s-a>

INTERESTED?

With the exceptional circumstances being experienced globally due to COVID-19 (Coronavirus), Nestlé is working hard to support all their candidates and new starters during these critical times. Please be aware that their entire recruitment processes will be conducted virtually. This includes the application process, telephone screening, video-interviewing, online assessments and offer paperwork.

PLEASE APPLY TODAY



MERCHANDISE PACKAGING OPTIMISATION MANAGER

ABOUT THE COMPANY:

At Bunnings they believe home improvement should be accessible to everyone. When it comes to working with them, the same applies. Whether you've mastered DIY, you may just be able to find a role that's made for you.

In their support offices, they may not quite resemble their iconic green sheds, but working behind the scenes are a team of people that make their stores come to life.

To create a work environment where their team members feel like they belong, they do their best to nurture a supportive culture. Their trust in each other gives them confidence to make an impact in their roles and to their customers.

Their team members are encouraged to lead their own way. Their teams are empowered and encouraged to be accountable for making an impact, no matter how big or small.

ABOUT THE ROLE:

The **Merchandise Packaging Optimisation Manager** will review the product range and the way products are brought into the business in order to deliver productivity gains that further optimise their position.

Reporting to the Head of Global Sourcing, this role will reduce their cost of doing business by removing unnecessary packaging, improving supply chain flow through, improving operational efficiencies favouring more floor and shelf ready packaging formats while delivering on their sustainability commitments.

Their ideal candidate will be an individual willing to provide expert support and lead the effort with the various teams to reconfigure product and transit packaging to optimise container fill, stockturns, reduce handling costs and improve speed to market and exceed their sustainability targets.

AS THE MERCHANDISE PACKAGING OPTIMISATION MANAGER, RESPONSIBILITIES INCLUDE:

- Reviewing and presenting opportunities in line with existing business planning and review processes to capitalise on the ability to make change.
- Early involvement in the process to ensure all items introduced meet all requirements.
- Identify ways of removing and reducing costs associated with transit packaging without compromising on the product quality while in transit.
- Executing more store ready packaging formats that reduces supply chain and operational costs.
- Drive continuous improvement of process and function and elevating the awareness of the importance of the role to the teams in line with APCO commitments and lowest prices pillar.
- Establish reporting measures that monitor the savings that can be easily communicated throughout the business.

- Delivering on all PDP and sustainability commitments & initiatives while always operating with a sustainable, savings orientated and low operational and supply chain touch mindset.
- Manage multiple projects and programs end to end in the supply chain process e.g. Factory to Floor optimising all components and lowering costs.
- Clearly communicate the benefits, engage and influence key stakeholders and getting the various teams on board to co-support the end to end changes proposed.
- Ongoing leadership, training and development of all direct reports.

You can communicate with confidence and are a passionate influencer with the ability to gain the trust of both internal and external stakeholders across all levels of the organisation. You have a strong commercial acumen and experience in packaging with a detailed knowledge of pricing, sourcing options and models and supply chains. Further requirements include;

- Qualifications in business/commerce and or packaging/engineering.
- 5+ years proven leadership experience.
- Proven record of success in transforming to packaging in a large business.
- International sourcing and or supply management.
- Proven track record in designing, implementing and managing large scale packaging supply chains and or quality and cost control systems.
- Experience in project and program management
- Able to review, modify and interpret procedures, standards and develop guides.

WHAT'S IN IT FOR YOU:

- Competitive salary package
- Team member and partner discount
- 12 weeks paid parental leave for eligible team members
- The opportunity to participate in Wesfarmers Share Plan
- Access to discounted offers from corporate partners
- Ongoing career development and training
- Work in a fun and informal team
- Offers flexibility in an inclusive work environment
- Chances to create a real difference in your community and environment.
- Retaining an inclusive, family feel while growing into one of Australia and New Zealand largest and most widely recognised brands has come naturally to us and we'd love to welcome you to the family.

PLEASE APPLY TODAY



PACKAGING TECHNOLOGIST

Job no: 670902
Work type: Full time
Location: VIC – Metro

ABOUT THE COMPANY:

Their customers are at the heart of Merchandise. Connecting with and understanding their customer needs is an important part of everything they do. The merchandise team sits within all Business Units (Grocery, Non-Food, Fresh Produce, Bakery, Dairy/Freezer and Meat/Deli/Seafood/Meals) across Coles Supermarkets. This is a diverse team, from category management and supply chain, to product development and marketing. Merchandise is a dynamic, high profile area and is committed to identifying and delivering what's best for Coles and their customers, today and into the future.

THE ROLE

Reporting to the Responsible Sourcing Manager you will be the custodian of technical packaging details for Coles Own Brand products.

This newly created position will see you executing sustainable packaging solutions, maintenance and quality enhancements; creating and adding value to the business. As an innovative team member, you will land new product ideas and review products, aligning to the brand guidelines and overarching strategy.

Utilising your strong communication skills you will communicate and influence outcomes with both internal and external stakeholders, delivering supplier accountability and performance in packaging.

TO BE SUCCESSFUL, YOU'LL HAVE:

- A Bachelor's Degree in packaging, food, science or engineering related qualification
- Significant relevant packaging industry experience in the food industry, or relevant Subject Matter Expertise
- Food focused professional experienced across FMCG, manufacturing & retail
- Working knowledge of Product Development
- Technical management Subject Matter Expertise
- Proven experience in supplier management, investigations, audit response & data analysis
- Experience working with legislation, internal policy & guidelines additional to legislation
- Proven ability to engage and influence internal and external stakeholders to align on strategic direction
- Experience in working with various sized suppliers, including international suppliers
- A current Drivers License, this position requires regular travel (including interstate)

BENEFITS

Their commitment of making good things happen at Coles starts with their people. It is important for them to celebrate their wins and develop their people. In addition to a competitive salary, the other good things include:

- Receiving a team member discount and exclusive team member offers;
- Sampling new products and flavours before they hit the shelves;
- 12 weeks of paid parental leave for primary care givers and 1 week of paid leave for secondary care givers;
- Access to an onsite childcare School Holiday Program;
- Access to a Fitness Centre and Body Therapy Clinic;
- Being part of a fun and inclusive culture where you can learn and develop your skills through their excellent ongoing training and development

CULTURE

At Coles, they are all about their people. As a top-30 ASX listed company, they are a dynamic, empowering and collaborative organisation that is focused on ensuring a positive, inclusive work environment for all team members. They believe in energising everyone by having you become part of a more purposeful work life. At Coles, they believe they are better together when team members can perform at their best and will support you in bringing your best self every day. So, how will you make good things happen at Coles?

At Coles, they know they are at our best when their team is representative of the communities we serve and are proud of their commitment to providing supportive work environments for all team members. We actively encourage applications from all candidates, including the LGBTI community, Aboriginal and Torres Strait Islander peoples and people with disabilities.

PLEASE APPLY TODAY



PACKAGING SPECIALIST

Patrese People is a recruiter working together with clients to find 'right fit' staff.

This is an excellent opportunity to bring your packaging specialist skills to the Gold Coast where these roles are rarely on offer.

THE ROLE

Initially a fixed term contract of 6 months with a view to becoming a full-time position.

As the packaging specialist your duty will be to assist the company in ensuring its packaging innovative, efficient and cost effective packaging for their products whilst working with the relevant departments.

YOUR DUTIES:

- Working with a collaborative approach with the new product development departments in creating all new packaging design, upgrades, redesign and development from concept right through to product launch using sustainability initiatives. Communicating with internal and external stakeholders, branding management and suppliers.
- Liaising with all internal and external stakeholders to ensure packaging is fit for purpose and technically feasible
- Development the process from idea to launch including specifications for material and form, print, factory and transit trials
- Work with the team to ensure the new product packaging is cost-effective, of quality and is value engineering
- Work together with the Procurement Department for sourcing and implementation of solutions
- Proactive market innovations around packaging (e.g. Sustainability)

TO BE SUCCESSFUL:

- 5 years' experience in packaging development in the FMCG industry
- Have worked direct for an FMCG manufacturer
- Strong strategic, analytical and commercial skillset
- Out of the box thinker with cross-functional mindset

Only shortlisted applicants will be contacted.

PLEASE APPLY TODAY

Trish McFadyen
Patrese People
Director
trish@patresepeople.com.au
mob: 0437 424 133
www.patresepeople.com.au

2020 Salary Survey offers snapshot of the packaging industry



AUSTRALIAN INSTITUTE
OF PACKAGING

The IoPP is a sister-association of the AIP. Keep an eye out for the AIP Australasian Salary Survey later this year.

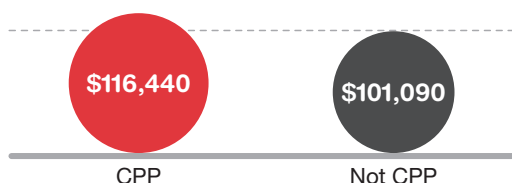


2020 Salary Survey Report Highlights

Visit
iopp.org

Certification Pays

- 19% of respondents are Certified Packaging Professionals (CPP)
- Engineers and R&D scientists who are CPPs earn more than those not certified



Why Join IoPP?

- 49% of respondents are IoPP members
- IoPP member respondents earn more on average than non-member respondents



A Narrowing Wage Gap?

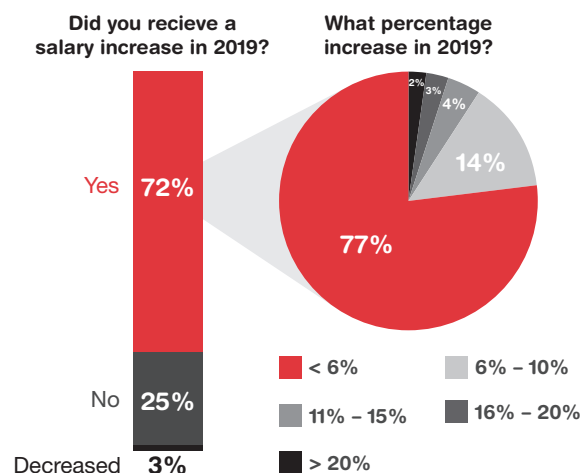
The difference between average earnings for males and females shrank from \$17,000 in 2019 to \$13,000 in 2020 – a possible sign of a narrowing pay gap.

Average Total Compensation



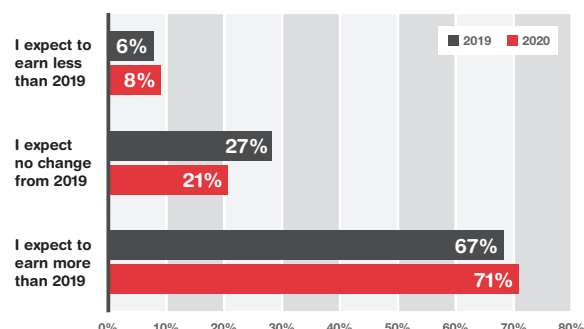
2019: A Good Year for Raises

- 72% of respondents reported that they received a pay raise in 2019.



Expect Salary Growth in 2020

- Among respondents, expectations for greater salary grew from 61% in 2019 to 71% in 2020.



The Institute of Packaging Professionals' (IoPP) 2020 Salary Survey report is now available in the IoPP bookstore.

Visit www.iopp.org and click on Bookstore for more information and to access the report.



The Detmold Group has responded to the Government and community call to expand local medical Personal Protection Equipment manufacture in Australia. Tacca has signed a six-month supply agreement with Detmold Medical to localise manufacture of the critical surgical mask material at its NSW facility.

Tacca Medical is tooling up to commence production of the meltblown polypropylene layer for medical masks. This will help ensure that Detmold Medical can access the vital raw material that prevents microscopic particles from passing between patients and medical professionals.

Chief Executive Officer of TACCA, Clem Tacca AAIP says "This is a great boost to Australia. Detmold Medical can now work with Tacca Medical to produce the key ingredient for medical masks that is very scarce around the world, unpredictable in its delivery schedules, and subject to unstable pricing."

"The partnership between Detmold Medical and Tacca Medical consolidates and ensures the supply of the raw material within Australia without relying on any overseas suppliers. This in turn, not only ensures the protection of our frontline workers but also establishes the opportunity for more jobs and the commitment to meet Australian Standards, that recent media reports suggest may be an issue from some overseas suppliers," says Mr Tacca.

"This partnership will also boost the opportunity for both Australian companies to be key players in overseas PPE markets. This is a win for Australia and Australian workers," says Clem.

Alf Lanniello, Chief Executive Officer, Detmold Group says that "securing a domestic supply of what has quickly become a scarce, and sought after raw material is vital to ensuring that Detmold Medical can deliver on its contracts to produce 145 million medical masks for SA Health and the Australian Government."



Darren Tan checks raw material on machine



"We have secured initial material to meet production requirements, but localising the supply is important in ensuring the welfare of our frontline health workers and promoting capacity of our mask manufacturing facility. We will be making over 20 million masks per month for the remainder of the year, and that requires a robust supply chain."

Alf stated that "the collaboration of Government and Industry has enabled us to quickly establish a manufacturing footprint in Australia, supported by a local supply chain."

"Localising the meltblown PP production will promote availability of locally manufactured medical masks," Alf said.

To find out more, please head to www.tacca.com.au or www.detmoldmedical.com



Qenos eXsource: Optimising its online offering to keep everyone safe

With operations both in NSW and Victoria, this month Qenos eXsource advised that operations fell within the category of businesses that are permitted to be open for on site work with a COVID Safe Plan in Victoria.

Qenos eXsource service a diverse range of industries including agriculture, aquaculture, dairy, mining, petroleum production, medical equipment, chemical manufacturing, cleaning products, sanitary products, telecommunications infrastructure, residential building, gas services, water supply, sewage and drainage, waste and recycling, food and beverage, construction and laundry.

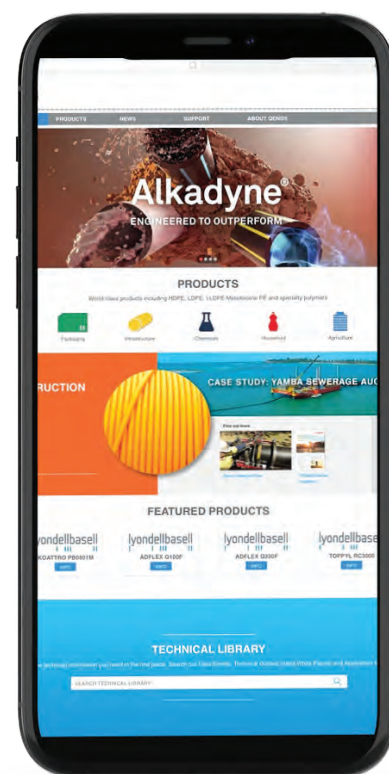
These industries have been disrupted on a massive scale over the past five months due to the COVID-19 crisis. Day to day, it's been a challenge for manufacturers to assess the impact of the crisis and to find the best way to respond quickly. Countless businesses in the market are facing real challenges: whether it be surges in orders, disruptions in supply chains, customer behaviour changes, closures and more.

As the coronavirus outbreak continues to evolve, Qenos eXsource is working hard to ensure it is fully optimised to do business with customers and the market, and to support them in ways that suits them best.

With an increasing reliance on online tools to keep business (and home lives) running, the focus is now on online ease. Whether it be grocery shopping, telemedicine, or video conferencing, the avoidance of in-person contact to reduce risk has become an everyday part of our lives.

In response, Qenos eXsource has focused on its online marketplace offering – Qenos Chemz – to provide a convenient channel for businesses now looking online to do their daily operational activities.

Designed to supply secure login entry to account information (invoices, price letters and COAs) as well as live purchasing and delivery tracking, the Chemz platform is one of the only online tools in the market reducing risk and providing support 24/7 to businesses in manufacturing.



"We are still open and operating at normal levels, but at the same time keeping our staff and customers safe. Our online store – Chemz – has been a big help in keeping our service levels up and providing ordering options for our customers 24/7, regardless of location or time."

Says eXsource Sales Manager, Jackson Allan:



The Qenos eXsource team is available to check in with customers and the wider industry, whether it is to discuss product, how businesses are operating or whether the Qenos eXsource team can help to address any product or production challenge businesses may be facing.

To find out more, email Jackson.Allan@qenos.com to set up a video call or telephone meeting.

To find out more and register for the Qenos eXsource online platform, go to <https://qenos.chemz.com/>

Alternatively, call the Qenos eXsource customer service team directly on (AU) 1800 331 230 or (NZ) 0800 440 901.



The recording is now Available of Webinar #3 in the five-part global series run by Informa Markets and WPO, which was held late August.

The Panellists included Nerida Kelton MAIP, Executive Director - Australian Institute of Packaging (AIP)/ANZ Board Member - World Packaging Organisation (WPO), Aslihan Arikan, President - Asian Packaging Federation (APF)/Vice President Education - World Packaging Organisation (WPO), Henky Wibawa, President, Indonesian Packaging Federation (IPF) and Chakravarthi AVPS, Global Ambassador, World Packaging Organisation (WPO).

The Series is run by Informa Markets, in collaboration with the World Packaging Organisation (WPO), and supported by the Australian Institute of Packaging (AIP).

<https://www.youtube.com/watch?v=V1sf2JNsSSc&feature=youtu.be>



Woolworths receives WorldStar Special Award

Woolworths Australia recently received their trophies for the WorldStar Packaging Awards and the WorldStar Sustainable Design Special Award for replacing plastic trays with pulp based trays nationally into all stores for over 50 of their in-store bakery products.

<https://youtu.be/ZpIBtI6E2Lk>



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NAME: Somayeh Shirdel MAIP
POSITION: Packaging Technologist
COMPANY: Re4Pack

When I am doing shopping, opening a food pack, using household items, as plastics are almost everywhere, I curiously look at the packaging design to see if it is optimum in terms of material consumption, functionality and sustainability.

What I see is that many packs in use are over designed and need to be reformulated. Utilising less, but through more sustainable materials can still deliver acceptable or even better functionality at a reasonable cost. Therefore I had an idea to establish a packaging consultant business, Reformulated Packaging which I abbreviated it to 'Re4Pack' that reminds everyone of the Four R's: Reduce, Reuse, Recycle and Recover.

I believe that any change in packaging requires a comprehensive review and flow mapping through the whole chain of production. You need to care about all aspects of product and packaging functions for instance: food regulations, product shelf life, ease of use, providing information and communications, packaging strength and integrity, shipment analysis, and many other factors depending on the nature of the product and target audiences, while considering procurement, handling, processing and filling, distribution, waste collection & sorting and of course the total cost.

HOW LONG HAVE YOU BEEN IN THE INDUSTRY? WHAT ARE YOUR AREAS OF EXPERTISE?

Being a Mechanical Engineer, I always take care of operational processes when developing a new product. I have led several operational projects during my career and been involved in tool design projects as well. Manufacturing of injection moulding tools, extrusion dies, laboratory and production line fixtures are some of design accomplishments that I have done, other than designing the plastic part itself or the packaging product. Some of the operational projects that I have undertaken included as small as processing a new product being made on a pre-established line for instance a new film on a blown extruder, or could be a massive and more challenging one like implementation of a brand new solvent free adhesive lamination line for the first time in a packaging company. For this case I had to master the machine itself while designing new films and their corresponding SOC's (Standard Operating Conditions), as well as managing the trials and validation tests.

When it comes to work on a converting or assembling machine, for example bag/ pouch making machines, I curiously read the machine manual and try to completely understand the machine functions and limits, rather than focusing only on packaging material and routine machine feeds. This has helped me to be able to have a good understanding of problems and issues happens to such machines.

I am truly honoured and humbled, bringing a quote from Scholle IPN's General manager, Erik Bosch, who wrote to me in his last email "You have proven to understand the scientific background in all the technical challenges that you have dealt with during your employment here and always delivered sound judgement and test plans to resolve these."

I try to stay abreast of latest trends in marketplace packaging and innovations with strong focus on intelligent, sustainable packaging and recyclable products meeting circular economy principles.

As Re4Pack's founder, I wish to have a significant role in reducing municipal solid waste (MSW) in Australia and globally and I look forward to being a part of the global packaging network through the AIP.

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AIP Gold partner Choice Energy is offering businesses a **\$50 prepaid credit card** if you request an **obligation-free energy assessment** by **30 September 2020.****

How to claim your complimentary energy assessment:

1. **Call Senior Energy Consultant Mark Bortolin on 0418 202 340** or email him at mark@choiceenergy.com.au with a **copy of your latest business electricity bill** - be sure to mention you're an AIP member.
2. Mark will review your energy usage and latest electricity bills to identify and **discuss strategies to help your business save on energy.**
3. Once you've received the findings, you are under **no obligation** to act on the recommendations and will receive a **\$50 prepaid credit card within one week** of receiving your assessment.



Michael Reed
Recyclable Packaging

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SYDNEY • MELBOURNE • BRISBANE • AUCKLAND

Nerida Kelton, executive director of the Australian Institute of Packaging, takes a look at the many paths that lead to a career in packaging, and the value of investing in training packaging professionals.



Well, how did I get here?

AS DAVID Byrne sang in *Once in a Lifetime*, “You may ask yourself, well, how did I get here?”

If you stop and think about how you ended up working in the packaging industry, I am confident the majority will say they started their careers in food science or technology, industrial design, or engineering, and somehow ended up designing packaging. It might have been because the boss asked for help on a packaging-related project, the packaging department held intrigue, or you were one of the lucky people who had “packaging” added to your job description. Most people do not start here.

Now ask yourself how much technical training you have undertaken in the fundamentals of packaging design. Have you been trained in the science behind designing packaging? Or, like so many, have you tried to learn on the job?

With consumers now wanting to know what brands are doing to reduce, reuse, and

recycle their packaging, there is a bright spotlight on packaging technologists and designers. This means that brand owners can no longer ignore the most important role that packaging technologists and designers play within the business.

KNOWLEDGE TO SUPPORT SUSTAINABLE OUTCOMES

The move to sustainable and circular packaging design has also seen even more people working in, and around, packaging development and design. People that hold roles in environment and sustainability, procurement, sales, marketing, design agencies and packaging machinery also need to understand packaging at a more technical level than ever before – especially those who are responsible for achieving the 2025 National Packaging Targets for the business.

Not having the right technical packaging training and knowledge can ultimately cost companies if the packaging design or material selection is in contradiction of 2025

National Packaging and Waste Targets and true recyclability of the packs.

Starting to hire packaging professionals that are qualified, or upskilling current staff, will ensure that the people who are responsible for packaging design understand the fundamentals of packaging technology.

SHIFTING SKILLSET

We must also consider that there is a monumental skillset shift currently occurring, as the qualified packaging professionals currently working in the industry are not sufficient to be able to fill the gaps that will be left behind by those set to retire.

According to the 2019 annual Salary Survey undertaken by sister association IoPP in the US, there was a large shift in the age bracket of the professionals in the industry with 55 per cent of the respondents aged 18 to 34 and a 16 per cent decrease in the

BELOW: AIP offers a wide range of training courses to the ANZ packaging industry.





BELOW LEFT: Young Packaging Professional of the Year 2020: Kelly Wade applies knowledge of intervertebral disc structure-function relationships to characteristics of paperboard packaging.

LEFT: Site visits are an important component of AIP's training courses.

numbers of people over 65. The technical packaging skills of the under 34 age bracket was minimal and limited.

Over the past few years, the AIP has seen encouraging signs from many businesses across Australia and New Zealand that they are serious about upskilling their packaging professionals. This is evident through the 25 students undertaking the Diploma in Packaging Technology degree, a high number of professionals working on their Certified Packaging Professional (CPP) designation, the uptake in enrolments in the Fundamentals of Packaging Technology bite-sized modules, the 2000 people who attended the AIP training courses in the last year, and a record 64 students undertaking the last round of the Master of Food & Packaging Innovation degree.

While these statistics are a great start, we need to see more packaging professionals undertaking these degrees and courses to improve the skillset in the industry, ensure that we have technically qualified packaging technologists and designers for the future, and to strengthen the profession and its standing globally.

The next generation of packaging professionals that we are seeing in Australasia is quite remarkable and is evident in Diploma in Packaging Technology graduates, Harry



Lovell Award Winners and the Young Packaging Professional of the Year finalists and winners over the past decade.

A perfect example of the next generation is Kelly Wade, who was awarded the 2020 Young Packaging Professional of the Year award. He came to the industry with a Bachelor of Engineering in Chemical and Materials Engineering from the University of Auckland and a PhD investigating intervertebral disc nucleus microstructure and biomechanics relationships. He is now responsible for managing and operating Scion's WHITE room where he combines his previous knowledge around intervertebral disc structure-function relationships with characteristics of paperboard products and how their structure responds to loading and the environment. Kelly Wade is someone who did not start here, but aren't we glad he is here now?

This is a dynamic industry with so many opportunities available for a wide range of career paths, and while most people might not start here, they certainly stay until they retire.

I would encourage everyone to take stock of not only your packaging skills and knowledge gaps, but those of your team. Ask the AIP how you can build your packaging career on firm foundations. ■

ADVANCED EDUCATION

Recommended skillsets for packaging technologists and designers:

- Foundation Undergraduate Degree – either in Science, Engineering, Chemistry or Industrial Design
- Diploma in Packaging Technology Degree
- Certified Packaging Professional (CPP) Designation
- Master of Food & Packaging Innovation Degree
- For people who are new to packaging roles and responsibilities
- Foundation Undergraduate Degree
- Certificate in Packaging
- Fundamentals of Packaging Technology
- AIP Training Courses
- Certified Packaging Professional in Training (CPIT) Designation
- For people employed in other roles who need to fill knowledge gaps
- Fundamentals of Packaging Technology Course
- Certificate in Packaging
- AIP Training Courses
- Certified Packaging Professional (CPP) Designation



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Fellow, founder, and friend of the industry

An active contributor to Australia's packaging industry during a career spanning 30-plus years, a past president and Fellow of the Australian Institute of Packaging, Ralph Moyle was recently recognised with the AIP Founders Award for his tireless work across many spheres of packaging, and especially in education and training. PKN asked him to share career highlights and his view on the future of the industry.

WHAT LED YOU TO A CAREER IN PACKAGING AND HOW HAS THAT EVOLVED TO CULMINATE IN YOUR CURRENT ROLE?

I started in technical/QA/product development then moved into various operational roles but packaging was always a component. My first job with packaging as its focus was with Golden Circle. I was the first manager appointed to this role. The first task was shelf-ready packaging being imposed by the retailers. Golden Circle was a very early adopter. The outcome was a great success for Golden Circle with increased sales and six-figure savings. Many of those designs are still industry standards today.

WHAT AREA OF PACKAGING TECHNOLOGY DO YOU FIND MOST INTERESTING AND WHY?

Tough decision... aseptic packaging is high on the list but I will choose glass. Glass-making is part science, part engineering, and part alchemy, which is what makes it so special. A combination of sand and soda ash that becomes a fluid, then cools to a very hard and strong material that you can see through, the process delivers a fantastic result in so many shapes and sizes. And it's recyclable if collected and sorted well.

IN RECENT YEARS YOUR VOCATION AS AN EDUCATOR HAS COME TO THE FORE. WHAT DOES YOUR ROLE AS AIP'S EDUCATION CO-ORDINATOR INVOLVE?

For the AIP education team, bringing the latest relevant training courses to industry is the core. My role is diverse, from running



Educator extraordinaire: Ralph Moyle (FAIP, CPP)

our Diploma in Packaging Technology and Certificate in Packaging degrees (still the only formal packaging training courses in Australia and New Zealand), and working with the best and brightest students as they develop their careers, to taking our training courses in Sustainability/PREP Tool and shortly Sustainable Packaging Guidelines around Australia and New Zealand. The AIP is currently transitioning a number of these courses to the virtual world so we can reach regional Australia and Asia and new audiences. The AIP has a real presence in Asia after many years of working with the ProPak series of trade shows. This area, alongside working with the Australian Packaging Covenant Organisation (APCO), will be our growth pathway going forward.

WHAT'S YOUR VIEW ON THE LEVEL OF INVESTMENT BY AUSTRALIAN COMPANIES IN EMPLOYEE EDUCATION AND TRAINING IN PACKAGING?

A generation of expert packaging technologists are leaving the industry in the next five years, so who is going to replace them as the industry gets into more complexity? There are so many countries that have dedicated packaging schools within their tertiary institutions as they recognise the value of having well-trained packaging technologists. Australian companies tend to rely on a she-will-be-right attitude yet are

demanding more sophisticated, lightweight, sustainable packaging that protects our products through one of the longest and toughest supply chains on earth.

SUSTAINABILITY IS CORE TO YOUR TRAINING CURRICULUM. WHAT IS YOUR VIEW ON THE PROGRESS BEING MADE TOWARDS THE 2025 NATIONAL PACKAGING TARGETS?

AIP is so pleased to be APCO's education arm to assist in delivering these targets. Progress towards these targets has been underway for 20 years and not just the last two, due to the skills of Australian Packaging Technologists throughout the industry. While I am proud of what the AIP and the Australian packaging industry has achieved to date, let's not forget this is a society issue that needs everyone's involvement. Litter is still a massive issue and it has been forgotten by the politicians and the anti-packaging groups. How did that plastic bottle get into the ocean? It doesn't have legs. People put it there.

THE PANDEMIC HAS BROUGHT MANY CHALLENGES, BUT WHAT HAS BEEN THE UPSIDE FOR PACKAGING?

Packaging protects the item from manufacturer to consumer. That is, and always has been, its primary role. In the case of food and pharmaceuticals, packaging provides essential life support. Consumers confronted with the ugly reality of Covid-19, reacted swiftly and clearly; they left the open unprotected plastic-free zones in droves and when straight to glass jars, cans, and fully sealed plastic bags. So much so, the shelves were empty of these packaging formats and stayed empty week after week. I think that speaks volumes for the value of packaging. ■

A generation of expert packaging technologists are leaving the industry in the next five years, so who is going to replace them?"

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Certified packaging professional designation raises the bar globally for packaging technologists

*Nerida Kelton, MAIP, Executive Director – Australian Institute of Packaging (AIP);
ANZ Board Member – World Packaging Organisation (WPO)*

As the peak professional body for packaging education and training in Australasia, it is paramount that the Australian Institute of Packaging (AIP) offers professional designations that are internationally recognised and have the ability to raise the profession of packaging technologists and designers across the globe. Such a designation is the Certified Packaging Professional (CPP), which is a registered trademark of the Institute of Packaging Professionals (IoPP) in the United States.

The designation 'Certified Packaging Professional (CPP)' is recognised as the premier designation in the industry signifying excellence as a packaging professional.

Attaining the CPP recognises the designation as a commitment to excellence in the packaging profession and the credential demonstrates that a packaging practitioner possesses packaging knowledge, experience and skills to the degree that they deserve recognition as a true packaging professional. CPPs are in demand as speakers and as leaders on packaging teams.

Recognising the importance of the CPP designation, the AIP approached the IoPP to become the first association globally to roll out the program outside of the US. The Australasian region now has over 25 Certified Packaging Professionals, with enrolments coming in every week from across Australia, New Zealand and Asia. All AIP educational and training activities now attain CPD points towards the CPP Designation, which allows active members the opportunity to accrue points simply by learning, networking and attending packaging-related educational programs.

Through the guidance of the AIP, this model has been replicated through the World Packaging Organisation (WPO) and all WPO Member Associations are being encouraged to offer the CPP program in their country to not only elevate the profession globally but to also ensure that packaging technologists and designers are recognised for their skills and expertise. There are currently 23 countries across the



globe that have qualified Certified Packaging Professionals and this number is growing every day.

WPO Member Associations currently rolling out the program include the Institute of Packaging, Nigeria, the Brazilian Packaging Association, the Institute of Packaging in South Africa and the Spanish Packaging Association. The CPP designation is now inter-

nationally recognised by the IoPP, the AIP and the WPO.

By encouraging other countries to roll out the CPP program, the aim is to see packaging technology and design become more globally recognised as a profession, which in turn will encourage more people to attain greater packaging skills and knowledge, with the flow-on effect of more people developing long-term careers in packaging across the globe. The CPP designation should also assist companies to recognise and employ highly skilled packaging professionals through international transfers and exchange programs.

Attaining the CPP designation is an excellent investment in a person's professional development and the credential defines the packaging professional allowing organisations to seek out and hire the right professional based on verified knowledge, skills and industry contributions. In an ideal world, all companies who are hiring packaging professionals should ensure that the CPP designation is a recognised and required skill set for the hiring and promotion processes.

The CPP is the premier designation in the industry, signifying excellence as a packaging professional with the most recent IoPP salary survey revealing that CPPs can earn between 7% and 10% more than their non-certified co-workers.

Using the CPP program to assess and evaluate one's professional competency validates them as internationally proficient as a packaging professional, a cut above their peers.

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As the peak professional body for packaging training and education in Australasia, it is important that the Australian Institute of Packaging (AIP) is continually recognising local packaging innovation and design. This recognition is undertaken through the annual Australasian Packaging Innovation & Design (PIDA) Awards, which are coordinated by the AIP. The PIDA Awards are also the exclusive entry point for Australia and New Zealand for the prestigious WorldStar Packaging Awards and many of our winners have been recognised on the world stage for their innovative designs.

A continual theme throughout the award-winning packaging designs in our cluster is that Australian companies are incredibly creative and innovative and have designed packs that stand out on shelf above their competitors. These are the innovators and the disruptors who design packaging that comes to life, just like the PIDA Award winners in this book.

What is also evident is the packaging technologists and designers behind these packs have considered everything from functionality to fit-for-purpose design, sustainable packaging design through to openability and ease of opening, packaging to minimise food waste and save food packaging to consumer convenience; all the while ensuring the packs are visually appealing for customers. This is not an easy task and every company in our cluster should be commended for the work undertaken to create these packs.



AUSTRALIAN INSTITUTE
OF PACKAGING

Flavour Creations



DYSPHAGIA CUP

Flavour Creations promotes the restoration of dignity and independence to individuals experiencing difficulties in holding or utilising their own cup. The company supplies a range of ready-to-drink products in its groundbreaking Dysphagia Cup packaging.

Challenge

Dysphagia — difficulty or discomfort in swallowing — is usually the result of an underlying medical cause such as a neurological or degenerative neuromuscular disorder. These conditions tend to be predominant in the elderly, with an estimated 40–50% of those in long-term aged-care facilities experiencing some degree of dysphagia.

The range of potential consequences arising from dysphagia is extensive: discomfort, coughing and choking are all commonplace and infection or pneumonia can develop from food or fluid entering the lungs caused by swallowing difficulty. There is an additional associated risk of dehydration and malnutrition, as the individual experiences an inability to adequately ingest liquids or food.

An inability to easily open or hold food packaging disempowers patients, leaving them reliant on others for simple tasks.

Solution

In 1997 Bernadette Eriksen started Flavour Creations with the aim of addressing dysphagia patient needs. After seven years of research and development, the company launched the innovative Dysphagia Cup, with accessible features that facilitate self-feeding in patients who struggle to hold or open traditional packaging designs.

The cup's design incorporates an easy-to-read foil label with external ribbing and embossed texture to assist with manual grip. These features make the product easier to open and hold, allowing greater autonomy and restoring dignity

in those who rely on carers to aid in simple tasks, like drinking a glass of water.

The easy-peel foil lid features an extended pull tab, enabling users of all ages and dexterity levels to easily open the lid. The cup rim design minimises liquid leakage through poor lip control and the unique angled cup shape allows contents to be sipped without requiring any neck extension. The patented Dysphagia Cup design meets and or exceeds criteria outlined in Arthritis Australia's Packaging Design Accessibility Guidelines.

Outcomes

Recognised as a pioneer in dysphagia management, Flavour Creations consistently delivers innovative solutions. The Dysphagia Cup was Awarded Silver in the Accessible Packaging Design category at the PIDA 2019 Awards because it offers a better patient experience, empowering individuals to comfortably feed themselves while minimising malnutrition.

The Dysphagia Cup delivers a better patient experience by empowering individuals to comfortably feed themselves, while subsequently minimising malnutrition and hydration rates.

The product design reduces individual waste through minimisation of spillage and dribbling, while additionally minimising facility wastage through provision of a portion-controlled, shelf-stable ready-to-drink solution complete with a self-sealing lid that can be safely refrigerated for up to 24 hours.

Dysphagia Cup and lids are made of fully recyclable polypropylene, in line with Flavour Creation's commitment to sustainable packaging targets.



Detpak

Detpak



RecycleMe™ SYSTEM

Designed to provide a true recycling takeaway cup solution, the RecycleMe™ system has received national recognition for its contribution to a circular economy.

Challenge

Traditional hot and cold takeaway cups incorporate a difficult-to-remove polyethylene plastic liner. That liner is tightly bonded to the paper cup, which not only makes it waterproof and therefore capable of containing liquids, but also makes it impossible to recycle through standard paper processes.

Even 'compostable' takeaway cups are difficult to process in Australia due to a lack of suitable facilities — less than 1% make it into a commercial composting plant. Even if more did make it into processing, there is more value in creating an alternate use for the base paper product than to mulch it after a single use.

As a result, over 1 billion takeaway cups are sent to landfill in Australia each year, causing unnecessary waste management burden and effectively ending the life of valuable paper fibres which could be easily repurposed for an alternate use.

Solution

Detpak has been designing, manufacturing and supplying the foodservice industry with world-class paper and cardboard packaging products since 1948. In response to demand for a truly recyclable single-use cup, the company developed the RecycleMe™ System.

The RecycleMe™ System begins with a next-generation innovative mineral-based cup lining which is easier to remove during the recycling process. The cup is supported by an extensive

collection and recycling network that guarantees collected cups are diverted from landfill across Australia, New Zealand and the UK and are recycled into new paper products.

The full-service system has been made simple for users: cups are captured in specially designed collection stations that sit front-of-house, consolidated in a back-of-house bin and picked up by one of Detpak's collection partners

Outcome

Since launching, RecycleMe™ has prevented 1,569,531 takeaway cups from being sent to landfill, finding an alternate use for paper fibre and saving 408 trees' worth of paper from avoidable harvest.

Detpak's RecycleMe™ was recognised at the 2019 Australasian Packaging Innovation and Design Awards. Hosted by the Australia Institute of Packaging, the awards acknowledge companies and individuals that make a significant difference to their industry through innovative design. The RecycleMe™ System was called out for its contribution to a circular economy in the Sustainable Packaging Design Special Award category.

RecycleMe™ is the only system of its kind to be endorsed by Planet Ark and recognised as providing a credible end-to-end solution for takeaway cup and lid disposal. Collection logistics are facilitated through industry partnerships with Shred-X and Parcel Point in Australia.



Metalprint



OXYGEN ABSORBING POUCH



Challenge

When a smallgoods client sought to review existing packaging, Metalprint was asked for a solution that would be less generic. Extension of product shelf life was a key requirement, as was a way to address consumer demand for a more user-friendly portion-managed solution.

Current packaging was uninspired in terms of differentiation, did not guarantee the shelf life targets desired and was not functional in terms of resealability, messaging or differentiation.

Solution

To address the extended shelf life requirement, Metalprint engaged partner Mitsubishi Corporation, recognised leaders in oxygen-absorbing technology.

Within Japan, Mitsubishi had successfully developed solutions for pouch and lidding film applications in ready-cooked meals and pouches for oxygen-sensitive foods including fruit snacks. This was achieved using Ageless OMAC, a highly specialised food-safe film technology. Designed to preserve freshness, flavour and aroma, OMAC protects against colour change, prevents mould growth, maintains nutrition and prevents oxidation of fats and oils.

It incorporates the functional performance of Mitsubishi's Oxygen Absorbing sachet directly into the pouch material, negating the need for a separate sachet inside the pouch. OMAC is suitable for a range of processing conditions including retort and hot filling applications.

Together Metalprint and Mitsubishi developed the ideal pouch for a cold chain environment and achieved the first use of OMAC material outside of Japan. The pouch absorbs any residual oxygen, preserves the product and extends shelf life while improving food quality and appearance.

Outcome

The new pouch was able to outperform the shelf life of the legacy pack format by a significant factor. It was demonstrated to scavenge 100% of residual oxygen and, using its barrier properties, maintain the pouch interior oxygen level at zero for a period of months longer than the specified required shelf life.

Awarded Silver in the Labelling & Decoration Category at the PIDA 2019 Awards, the pack creates a more reliable product and delivers logistics improvements that provide cost-effective access to export markets.

Stay Tray

REUSABLE BEVERAGE CARRY TRAY



Challenge

Disposable paper drinks trays are generally a single-use item, contributing to the 5 million tonnes of paper waste generated every year in Australia. Despite consumer uptake of reusable and recyclable takeaway cup alternatives, the disposable cardboard drinks tray remains in high demand and is often the only available option.

In addition to an affinity with single-use product, Australia generates 2.2 billion tonnes of plastic waste every year. With every manufactured plastic item still existing today, this widely available material is ripe for reprocessing and reuse.

Solution

When Stay Tray founder Kate Stewart watched workmates carrying reusable cups in paper trays, the irony wasn't lost on her — using a disposable product that would be discarded or consume energy and water during recycling seemed out of sync.

Stay Tray is a reusable drink tray made from 100% recycled materials. Using a combination of polypropylene and recycled coffee cups collected in the Simply Cups upcycling scheme, Stay Tray is durable, weather resistant, UV-stable and dishwasher safe. A long-lasting alternative,

Stay Tray weights just 170 grams making it easy to use on-the-go.

Designed initially for use with coffee cups, the tray is also suitable for a wide range of beverage containers and reusable bottles.

Stay Tray is 100% owned, designed, tooled and manufactured in Australia. An example of the circular economy in action, Stay Tray reduces future waste and gives recycled material a second life.

Outcome

It was imperative for Kate that design and manufacture remain local, despite the economic benefit of offshore production. Design, engineering and manufacture are confined to a 60 km radius, making it a truly Australian made product.

A study by environmental consultants Empauer found eight uses of Stay Tray reduced environmental impact compared with disposable alternatives. Stay Tray's durability ensures a lifetime far beyond that.

Stay Tray was a silver winner of the 2019 Packaging Innovation & Design Award — Beverage Category and shared winner (with the Simply Cups recycling program) in the 2020 World Star Awards — Beverage Category.



SPC ProVital EASY-OPEN CUP RANGE



Challenge

Issues of quality nutrition and accessibility become increasingly important in an ageing population. While hard-to-open packaging is a barrier for all consumers, it is particularly troublesome for those with fine-motor impairment. Injury can result through use of knives or scissors and a high degree of wastage occurs through product spillage or product discard when opening attempts are unsuccessful.

In hospital and home care settings, consumer dexterity and/or cognition issues can be a barrier to nutrition, leading SPC ProVital to elevate accessibility of its fruit-based products used in the healthcare industry, improving consumer access to quality nutrition while minimising food waste.

Solution

The SPC ProVital team worked with industry experts, including Arthritis Australia's Accessible Design Division, Dr Brad Fain of Georgia Tech Research Institute and HealthShare NSW to develop a portion-control cup utilising the Initial Scientific Review (ISR) Accessibility Rating — a measure used to predict the percentage of the population who can open product without assistance. In

hospital testing this included patients with reduced fine motor skills, dexterity and strength.

The cup features an easy-grip decagon shape, textured lengthened pull tab, clear and helpful instructions in a large font for improved legibility and an optimised seal to reduce opening force.

Outcome

SPC ProVital's cup range was a world-first packaging innovation, receiving Arthritis Australia's highest possible accessibility rating and Easy-to-Open certification. The +8 rating predicts that 95% of the population can open the fruit cup easily, greatly enhancing nutritional access for users.

SPC ProVital has been recognised globally by the packaging industry as an accessible food packaging solution. It was awarded the 2016 Save Food Packaging Award from the Australian Institute of Packaging (AIP), a 2018 WorldStar Packaging Award from the World Packaging Organisation (WPO) and the PIDA 2019 Australasian Packaging Innovation & Design Award for Accessible Packaging Design.

SPC ProVital products are currently available through hospitals and aged-care facilities, with further plans for expansion.

Recipient of FIAL Innovation Funding

Impact International

SUSTAINABLY MANUFACTURED PACKAGING



Challenge

Family owned and operated, Impact International has built a reputation for designing and manufacturing industry-leading packaging tubes during its 62 years of operation.

In response to a global push for brand owners and operators to take charge of their supply chain and foster sustainability, combined with a more environmentally conscious consumer, Impact International committed to a program of ecologically responsible manufacturing for its range of collapsible tube products.

Solution

The company has a no heavy metals policy and recycles processing scrap where possible. The factory is powered by one of Australia's largest privately owned solar farms, and evaporative chillers are not used, saving significantly in water use.

Impact's Sarah, Craig and Margorie tube products already meet with the Australian Government's 2025 national packaging waste targets. Manufactured using green energy, the tubes comprise material derived from natural and renewable sugar cane combined with recycled polyethylene (PE). Sourced from an Australian company, the PE used has been processed to the point of achieving FDA approval for food contact.

Impact International collapsible tube products can also be fitted with internationally registered anti-counterfeit protective measures to help safeguard brands when exporting to overseas markets. A quick non-destructive test confirms product legitimacy, providing brand owners with

a proactive stance against counterfeit threat and brand reputation damage.

Outcome

Impact International's 100% recycled product already meets with the mandated national packaging waste targets, five years ahead of compliance requirement.

The Sarah, Craig and Margorie product was awarded the 2019 Packaging Innovation & Design of the Year Award in the Health, Beauty and Wellness category.



Plantic Technologies



SUSTAINABLE VACUUM SKIN PACKAGING



Challenge

As consumers demand more sustainable packaging solutions and governments around the world respond through legislative changes, leading companies are increasingly required to develop packaging strategies and formats that meet retailers' ever more stringent requirements.

Until waste imports were banned in January 2018, China had been processing at least half the world's exports of wastepaper, metals and used plastic. That ban pushed the need for environmentally friendly packaging to the top of the queue in many of the world's developed economies.

Solution

Plantic Technologies is a Kuraray-owned bioplastics company. In response to demand from all quarters, Plantic developed high-performance packaging that utilises environmentally friendly plastics.

The Plantic RV is a high-barrier skin pack material manufactured using modern technology. It combines recycled polyethylene terephthalate (rPET) — which provides moisture/water vapour barrier to the structure — with renewable

sourced high-barrier Plantic HP, which works as an exceptional gas barrier. The result is a barrier layer that incorporates 93% renewable or recycled materials.

The rPET material is sourced from recycled post-consumer PET bottles and trays, together with in-plant PET waste. Plantic HP barrier materials are the result of extensive research and collaboration. That cooperation led to the development of plastics derived from starch materials, which were subsequently formed into sheet product. Plantic HP barrier materials are produced using renewable industrial crops including corn and tapioca.

Outcome

A far more sustainable solution than alternative options, Plantic's fully compostable starch-based HP barrier material uses 50% less energy to produce and creates 70% less greenhouse gases.

The product's contribution has been recognised internationally, winning PIDA's Sustainability award and the World Packaging Organisation's World Star award for the sustainable packaging solution developed for end user Neat Meats.



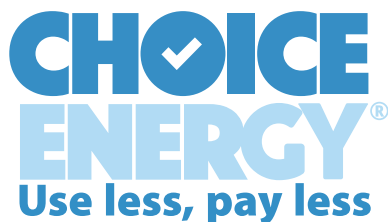
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