

PIDA INDUSTRY EXCELLENCE AWARD WINNER RECOGNISED WITH GLOBAL LIFETIME ACHIEVEMENT AWARD



The Australian Institute of Packaging (AIP) are extremely proud to advise that 2019 PIDA Industry Excellence Award Winner, Joe Foster MAIP has been recognised as one of two international Lifetime Achievement in Packaging Awardees for the 2020 WorldStar Packaging Awards.

The judges, from all over the world elected Joe Foster, Australia and Keith Pearson, South Africa as the 2020 WPO Lifetime Achievement in Packaging Awardees.

According to Pierre Pienaar, President, World Packaging Organisation (WPO), "The Lifetime Achievement in Packaging Award was established with the aim of acknowledging and rewarding excellence in all aspects of packaging science, technology, design and application across every country around the world,"

"The discipline of packaging is one that is truly global and the WPO is in a unique position to identify leading practitioners from around the world who have consistently pushed the boundaries in advancing the art, science and application

of packaging to serve the needs of an ever more demanding society. These prestigious awards will celebrate and preserve in perpetuity the collective achievements of these innovators."

Nerida Kelton, Executive Director, AIP, added that 'Joe Foster, Co-Founder & Director, OF Packaging has had a passion for flexible packaging for most of his life and has run four businesses across four countries over the last thirty-five years,"

"Joe has spent the majority of his career working to not only understand flexible packaging at its core, but progress the possibilities of flexible plastics with a continued focus on packaging innovation. His true legacy revolves around his resoundingly passionate attitude towards flexible packaging," she said.

"Joe sees beyond what flexible packaging is, to what it can be, and hopes to create an evolved understanding of flexible packaging and the place it holds in society. His goal is to improve the relationship we have with flexible packaging and plastics, helping inspire new respect for packaging and improving consumer and waste behaviours along the way." Mrs Kelton said.

Joe Foster will be recognised alongside 17 other Australia and New Zealand companies during the WorldStar Award Ceremony & Gala Dinner, in Dusseldorf, Germany, on 8 May, 2020. Winners from ANZ also received the third highest amount of WorldStar Packaging Awards in total in the world behind Japan and China.

NEW MEMBERS

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

NAME	STATE	GRADE
Jawed Rasheed Butt	Overseas	Associate
Natasha Figueiredo	QLD	Associate
Usman Gul	Overseas	Associate
Genelle Transom	NSW	Associate

JOIN THE AIP LINKED IN
GROUP TODAY



AIP NOW ON TWITTER
AIP@AIPACKAGING



WOOLCOOL Leaders of the pack
for insulated packaging



Sustainable



Biodegradable



Recyclable



Eco-responsible

www.woolcool.com.au

Award winners!

1st and 2nd place -
PIDA Awards 2017

3 times winners -
WorldStar Packaging
Awards



DON'T MISS OUT ON THE LATEST AIP ACTIVITIES FOR 2020



ALL MEMBERS ARE INVITED TO ATTEND ANY EVENTS ACROSS AUSTRALASIA

FEBRUARY 2020

**PROPAK
PHILIPPINES**

5th to 7th
Propak Philippines
Pasay City, Philippines

6th
Packaging Workshop 1.
The Journey towards Sustainable Packaging – 9.30 am to 12.00 noon
Packaging Workshop 2.
The Future of Food Packaging
Packaging Workshop 3.
The Move towards a Circular Economy
Alongside Propak Philippines
Pasay City, Philippines

7th
Flexible Packaging Training Course
Pasay City, Philippines

MARCH 2020

31st
AIP Annual General Meeting
Crown Promenade, Melbourne

CALLING ALL AIP MEMBERS

2020 AUSTRALIAN INSTITUTE
OF PACKAGING INC.
ANNUAL GENERAL MEETING

WHEN: 31 March
TIME: 5.00 pm to 6.00 pm
WHERE: Crown Promenade
Melbourne

APRIL 2020



1st
2020 Australasian Packaging & Innovation Design Awards
Crown Promenade, Melbourne



1st & 2nd
AIP Australasian Packaging Conference
Crown Promenade, Melbourne



2nd
Women in Packaging Breakfast Forum
Crown Promenade, Melbourne

29th to 30th
Fundamentals in Packaging Technology residential course (Semester One)
Viewpoint, St Kilda, VIC

MAY 2020

6th
How to implement Sustainable Packaging Guidelines training course
Sydney, NSW
(more details coming soon)



7th to 13th
Interpack 2020
Dusseldorf, Germany



8th
2020 WorldStar Packaging Awards
Dusseldorf, Germany

JUNE 2020

**PROPAK
ASIA**

17th to 20th
Propak Asia
BITEC, Bangkok, Thailand



17th
Global Packaging Forum
BITEC, Bangkok, Thailand



29th to 30th
MFPI FOOD90031 (Materials and Processes)
UOM, Melbourne

ALL MEMBERS ARE INVITED TO ATTEND ANY EVENTS ACROSS AUSTRALASIA

JULY 2020



1st
MFPI FOOD90031 (Materials and Processes)
Student Industry Site Visit, Melbourne



2nd to 3rd
MFPI FOOD90031 (Materials and Processes)
UOM, Melbourne



5th to 8th
FoodPro 2020
MCEC, Melbourne



6th to 10th
MFPI FOOD90032 (Design)
UOM, Melbourne

6th
Flexible Packaging training course
Alongside FoodPro, MCEC
(more details coming soon)

7th
How to implement Sustainable Packaging Guidelines training course
Alongside FoodPro, MCEC
(more details coming soon)



8th
MFPI FOOD90032 (Design)
Student Industry Site Visit, Melbourne

22nd to 23rd
Fundamentals in Packaging Technology residential course (Semester Two)
Viewpoint, St Kilda, VIC

AUGUST 2020

18th
Plastics Technology: Introduction to Polymers & Recycling Training Course
Melbourne, VIC
(more details coming soon)

19th
Plastics Technology: Introduction to Polymers & Recycling Training Course
Sydney, NSW
(more details coming soon)



26th to 27th
AWRE 2020
ICC Darling Harbour, NSW

SEPTEMBER 2020

16th to 17th
Fundamentals in Packaging Technology residential course (Semester Three)
Viewpoint, St Kilda, VIC



22nd to 24th
FoodTechPackTech
ABS Showground, Greenlane, Auckland, NZ

23rd
Flexible Packaging Training Course
ASB Showgrounds, Greenlane, Auckland, NZ
(more details coming soon)

LEGEND

-  Technical dinners/seminars
-  Site visits
-  Training courses
-  National Events
-  Tradeshows
-  International Events

NOVEMBER 2020



8th to 11th
PACK EXPO 2020
Chicago, USA

18th to 19th
Fundamentals in Packaging Technology residential course (Semester Four)
Viewpoint, St Kilda, VIC

The AIP plans to run additional events including site visits and seminars in 2020. As the events are finalised they will be added to the event page on the AIP website and listed in future newsletters.

AIP TO RUN THREE PACKAGING WORKSHOPS AND A ONE-DAY TRAINING COURSE ALONGSIDE PROPAK PHILIPPINES



5th to 7th February
Pasay City, Philippines

PROPAK
PHILIPPINES

As a part of its commitment to providing training & education to the ASEAN Region the Australian Institute of Packaging (AIP) will be running three packaging workshops and a one-day training course on Flexible Packaging alongside ProPak Philippines 2020.

The three Packaging Workshops will be held on the 6th of February in partnership with the Philippines Institute of Packaging (PIP) and the World Packaging Organisation (WPO), which will enable attendees to attain Global, Australasian and Domestic perspectives to the current trends and challenges facing the industry.

Topics to be discussed will include the journey towards Sustainable Packaging including global targets, Best Practice Sustainable Packaging Design, the future of Food Packaging, the role that packaging plays in minimising Food Waste, Best Practice Save Food Packaging Design, Understanding how to move towards a Circular Economy and Best Practice Closed Loop and Circular programs and more.

Guest speakers will include Prof Pierre Pienaar, President, World Packaging Organisation (WPO), Ralph Moyle, Education Coordinator, Australian Institute of Packaging (AIP), Paolo Bunag, President, Philippines Institute of Packaging (PIP) and Nerida Kelton, Executive Director, Australian Institute of Packaging (AIP). Each Packaging Workshop will also incorporate a panel discussion to enable open and interactive discussions with the attendees. The Packaging Workshops are free for all to attend.

THURSDAY 6TH FEBRUARY 2020

Packaging Workshop 1

The Journey towards Sustainable Packaging

9.30 am to 12.00 noon

The Journey to Sustainable Packaging Workshop will discuss Global, Australasian, Asian and Domestic perspectives including targets, the challenges that lie ahead, the move away from Single Use Plastics – international and domestic challenges, the 5R Hierarchy and how to apply it to your business, Recycled Content, Best Practice Examples of award-winning Sustainable Packaging and Sustainable Packaging Guidelines. Book your place now as spaces are limited.

Packaging Workshop 2

The Future of Food Packaging – 1.00 pm to 3.00 pm

The Future of Food Packaging Workshop will discuss Global, Australasian, Asian and Domestic perspectives on the Future of Food Packaging including the role that packaging plays in minimising food waste, the global issue of Food Waste, Save Food Packaging guidelines and criteria and Best Practice Examples of award-winning Save Food Packaging designs. Book your place now as spaces are limited.

Packaging Workshop 3

The Move towards a Circular Economy

3.00 pm to 4.30 pm

The Move towards a Circular Economy Packaging Workshop will discuss Global, Australasian, Asian and Domestic perspectives including Moving away from a linear model, how a Circular Economy works, Closed Loop Best Practice Examples and how these programs work. Book your place now as spaces are limited.

https://www.propakphilippines.com/ppkp/2020/en/aip_pip.asp

FRIDAY DAY THREE – 7TH FEBRUARY 2020

AIP Future of Flexibles Training Course

9.30 am to 3.30 pm

The Australian Institute of Packaging (AIP) will be running their one-day Flexible Packaging: Now & Into the Future training course alongside ProPak Philippines on the 7 February. All of industry is invited to attend the one-day course.

The Flexible Packaging: Now & Into the Future training course will cover the basic fundamentals of flexible packaging, its benefits, how you choose the specific structures to match the product, its performance, marketing challenges and how the packaging is manufactured.

The objectives of the course are to provide participants:

- A good broad understanding of the benefits of Flexible packaging.
- The process of manufacturing.
- Where the future lies with flexible films and the changes ahead.
- Snapshot of some of the latest packaging trends and what are the driving forces.
- Understanding the challenges facing us with the sustainable packaging race toward 2025.

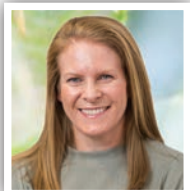
Limited places are available for the course so book today

BOOK YOUR PLACE TODAY

JUST SOME OF THE SPEAKERS...



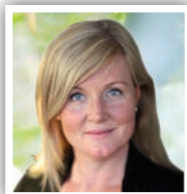
Toshinori Ohashi
Mitsubishi Corporation



Sally Strautins
Nestlé



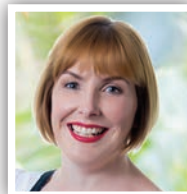
Hein van de Reek
BillerdKorsnäs



Nicole Ohm
Brownes Dairy



Andrew Pooch
Tetra Pak



Siobhan McCrory
Pact Group



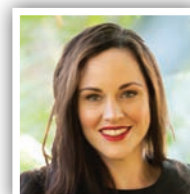
Martin Orzinski
Coca-Cola Amatil



Siva Shankaran Natarajan
Uflex



Jean Bailliard
TerraCycle



Krista Watkins
Natural Evolution



April 1 & 2 2020
Crown Promenade, Melbourne

Following over two decades of highly successful technical conferences, the 2020 AIP Australasian Packaging Conference will be designed to deliver a two-day educational program that will cover a broad range of topics relating to the theme **PACKAGING: FIT FOR THE FUTURE**.

The packaging industry is facing many challenges at the moment with global plastic pollution and recycling issues and transformational changes to value and supply chain models, resulting in negative government and consumer perceptions. These challenges are requiring packaging companies, manufacturers and retailers to re-think their approaches and undertake strategic changes to address the challenges of meeting global and domestic Sustainable Packaging, 2025 National Packaging Targets, transform supply chains; all the while having clear parameters for driving the 4R's.

Now more than ever is the time to collaborate, share ideas and success stories, discuss the challenges and journeys the industry is facing openly and what we can do collectively to work towards the same targets.

PROUDLY SUPPORTED BY



MEDIA PARTNERS



Contact the AIP to find out more about the limited sponsorship and partnership opportunities that are available for the Conference.
info@aipack.com.au www.aipack.com.au



PACKAGING TECHNOLOGIST

Short Term Contract – Packaging Technologist at McCain Foods

ABOUT THE COMPANY

McCain Foods is a world-leading food company and one of the largest manufacturers of frozen potato specialities. We also produce other foods including pizza, appetisers, vegetables, oven meals and desserts and our products can be found in restaurants and supermarket freezers in more than 160 countries around the globe.

A contract Packaging Technologist position is available at McCain Foods – based on Ballarat – to cover an employee taking Long Service Leave.

ABOUT THE ROLE

This role is a Packaging Technologist level role (3-5 years previous packaging experience required) which will be focussed on:

- Creation and management of Packaging Specifications
- NPD and Packaging Development project support
- Technical support and problem solving to McCain ANZ manufacturing sites
- Key contact for internal departments to deliver activities
- Packaging support to Value Engineering activities within the ANZ region
- About the Person

To be successful in this contract position, the ideal candidate will be able to demonstrate:

- Minimum 3 years previous packaging experience in FMCG food packaging
- Clear and accurate decision making using both data analysis and consultation with stakeholders
- High energy and attention to detail to progress approved activities
- Ability to prioritise and communicate project actions and outcomes
- Experience with frozen product packaging formats, storage and in-store display
- Strong technical skills across polymer, corrugated and rigid packaging materials
- Solid mechanical aptitude to support capital and Value Engineering projects
- Tertiary qualifications are an advantage

DURATION OF CONTRACT

The contract period commences on 24th February 2020 and finishes on 8th September 2020. An extension of this contract period may be available to the successful candidate.

To be considered for this role, you must have the legal right to work in Australia.

PLEASE APPLY TODAY



DIRECTOR PACKAGING DEVELOPMENT ANZ

With an outstanding portfolio of brands across biscuit, soup, stock, and juice categories, Campbell Arnott's is committed to proudly building consumers' best loved brands. Through our talented employees and teams, we deliver our brand promise; there is no substitute for quality.

We're looking for an experienced Director Packaging Development with exceptional business partnering, leadership, team development and organisational awareness skills to join our successful R&D team.

Reporting to the Head of R&D – ANZ, you will play a vital role in the development and commercialisation of our new product and product enhancement agenda supplying the expertise from a packaging perspective.

As a key member of the R&D leadership team, you will have the ability to drive relationships with technical and non-technical business partners whilst setting the strategic vision and creating strategic direction for the packaging needs of the business. You will champion sustainability, understanding external technical capabilities and translating this into business opportunities.

You will have a proven track record in building technology roadmaps, identifying key strategic priorities for packaging and leading these within the business along with a strong ability to engage senior stakeholders and decipher technical constraints and opportunities within a business context.

The attributes and skills you will bring to the team also includes:

- Extensive industry experience (preferably within FMCG)
- Degree qualification in Packaging, Food Technology, Engineering or related field
- Expert knowledge of packaging materials, design formats, systems and related logistics processes
- Ability to build trust and engender a collaborative team approach with all partners
- Proactivity
- Outstanding demonstrable coaching skills
- Passion for people development
- Experience building talent pipelines

Our love of food and pushing the boundaries is what keeps us at the forefront of our industry. Our people pave the way and our culture is inclusive – you will be part of our family. We pride ourselves on our work/life balance, our focus on health & wellbeing, our dedication to growing our employees and our fantastic work perks!

PLEASE APPLY TODAY



PACKAGING TECHNOLOGIST (FMCG)

There's never been a more exciting time to be at McCormick Australia. We're a respected global flavour leader with more than 12,000 employees across 27 countries. From favourite drinks to iconic burgers and in every aisle in the grocery store, McCormick is flavouring many of the biggest brands you know.

What makes us a great place to work? Simple. We put people first. We champion growth, respect everyone's contributions and do what's right for our business, our people and our planet. The best part: we get to bring our passion for flavour to work every day. Join us on our quest to make every meal and moment better.

This role will report to the Packaging Manager and be responsible for the delivery of packaging solutions for the Australian business across Consumer and Industrial. Manage all aspects of packaging development projects from concept to commercialisation. The ideal candidate will have experience in packaging development, ideally within the FMGC industry.

ABOUT THE COMPANY

What if there was a company who puts people first – people who take what they do seriously, but not themselves? People who strive for excellence, have a great attitude, care for the safety of each other and our consumers, people who are innovative and lead by example – because these are the values necessary for a successful career with McCormick Australia.

McCormick's Passion for Flavour is brought to life through our consumer brands Gourmet Garden, Keen's, Aeroplane, French's and Frank's. But more than this, we are passionate about our people and our supportive, high performance culture – that's what it takes to build Australia's Leading Flavour Company!

ROLE RESPONSIBILITIES

- Support the packaging design and development components of new projects
- Work closely with internal and external stakeholders as the subject matter expert on all things Packaging to ensure our sustainability targets are on track
- Support the APCO action plan, report writing and conduct PREP tool analysis
- Conduct packaging line trials
- Maintain all packaging and testing specifications as well as conducting relevant packaging testing

TECHNICAL SKILLS & EXPERIENCE REQUIRED

- 3-5 years packaging experience in a FMGC environment
- Ability to manage multiple projects and prioritise accordingly
- Strong attention to detail
- Excellent communication skills
- Able to build and manage key stakeholder relationships (internal and external)

If you believe you are the right candidate for this position, please apply with a CV and cover letter.

Note: We will not accept unsolicited CVs from recruitment agencies/third parties and we will not be liable or responsible for any fees or costs associated with unsolicited CV's sent directly to line managers at McCormick.

PLEASE APPLY TODAY



SALES EXECUTIVE FLEXIBLE PACKAGING

The Auspouch division of Metalprint Australia Pty Ltd is seeking to appoint an experienced sales professional to its team based in Sydney.

ABOUT THE COMPANY

The core business of the Metalprint company is the globally successful Cheerpack spouted pouch recognised in Australia by all Baby Food and Yogurt producers.

Metalprint established the Auspouch Division in 2015 for the specific purpose of marketing pouches of higher technology to Australian food producers

Metalprint / Auspouch has many exclusive international agencies which include Mitsubishi Gas & Chemical Japan (Ageless sachets) , Hosokawa Yoko Japan (Spouted Pouches, Collapsible cartridges) , Gualapack Italy (Pouch Fillers) , Uflex India (Flexible Packaging) , Torr Industries USA (bag in box) as well as extensive relationships with converters in Asia.

ABOUT THE ROLE

The opportunity for a self-motivated, energetic, experienced person is based in our Sydney office to cover the territories of NSW and QLD.

PRIMARY PURPOSE OF POSITION:

- Responsibility for visiting allocated customer and prospects in NSW and QLD.
- Responsibility for pre-sales activity for allocated customer and prospects in NSW and QLD.
- Coordinate the artwork and specifications for allocated customer and prospects in NSW and QLD.
- Be a key resource for internal sales, and mailing contacts being both a self-motivated and energetic.
- 5 years experience in flexible packaging or related businesses
- Conformance to detailed and meticulous checking activity and communication during activity for pre-sales.
- Be up to date with industry best practice in packaging and be open to a mentor assisting with these activities

KEY RESPONSIBILITIES

- Managing and growing sales in the FMCG sector
- Presenting our range of products to prospective customers
- Identifying business opportunities that exist outside of our current customer base.
- Develop effective business relationships with customers establishing an understanding of their needs.
- Establish sales and business plans
- Ensure consistent communication with internal stakeholders

REMUNERATION AND LOCATION

The role is Sydney based with interstate travel. Salary will be commensurate with experience and value.

POSITION DESCRIPTION

A detailed Position Description is available on application

PLEASE APPLY TODAY

You are Invited to Attend the **2020 AUSTRALASIAN PACKAGING INNOVATION** **& DESIGN AWARDS GALA DINNER** **April 1 2020**



TO BE HELD FOLLOWING THE 2020 AIP AUSTRALASIAN PACKAGING CONFERENCE
Crown Promenade, Melbourne

Pre-dinner drinks will commence at 6.30 pm and dress code is Cocktail Lounge Suit

PROUDLY SUPPORTED BY



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EXCLUSIVE
ENTRY TO



COORDINATED BY





AUSTRALIAN INSTITUTE
OF PACKAGING

Women In Packaging Breakfast Forum

2 April 2020

Crown Promenade, Melbourne

PRESENTED BY:

PKN + **Food&Drink**
PACKAGING NEWS BUSINESS

IN PARTNERSHIP WITH:



AUSTRALIAN INSTITUTE
OF PACKAGING



WOMEN IN PACKAGING

PKN Packaging News and Food & Drink Business will be hosting their third Women in Packaging Breakfast Forum, in partnership with AIP, during the Australasian Packaging Conference 2020, at Crown Promenade in Melbourne.

KEYNOTE: Acclaimed inspirational speaker and behavioural economics expert **Sonia Friedrich** will deliver the keynote address, giving insight into the unconscious behaviours that cause shoppers to pick up a product. She will show how understanding how the brain works and applying this into packaging and design can change behaviour choice.

Sonia is renowned for her clarity and has created models that apply Nobel Prize-winning knowledge and experimental research in behavioural economics to shatter entrenched paradigms and transform industry.

Sonia believes the opportunity lies in sharing brain knowledge across departments, which will create a closer relationship between packaging, design and marketing and impact bottom line revenue outcomes.



PANEL SESSION: Passion & Purpose in Packaging

Our panel of industry professionals will share their experience on how aligning passion and purpose can lead to business success while making a positive impact on the planet and its people.

Panellists will include co-founder of start-up The Better Packaging Company, Kate Bezar; award-winning global philanthropist and co-founder of tna, Nadia Taylor (OA) and Brisbane-based plastics researcher and PhD Candidate at the University of Queensland, Nicole Garofano (MAIP).

TIME: 7.00 am registration & coffee for a 7.30 am (sharp) start. Event ends at 8.45 am

DATE: 2 April

VENUE: Crown Promenade, Melbourne

Everyone is welcome. The event is free of charge for AIP Australasian Packaging Conference delegates. Register for the 2020 Women in Packaging Breakfast forum here: <http://aipack.com.au/event-registration/?ee=252>

Women in Packaging 2020 is supported by:



DID YOU MISS THE 'TOOLS TO MEET THE 2025 NATIONAL PACKAGING TARGETS: ARL/PREP TRAINING COURSE LAST YEAR?



AIP/APCO to offer updated version of tools to help you meet the 2025 national packaging targets: Prep & arl training course in 2020

- Is your business doing enough to ensure that 100% of your packaging is reusable, recyclable or compostable by 2025?
- Have you audited your current packaging for recyclability?
- Have you started using the Packaging Recyclability Evaluation Portal (PREP) during your design process?
- Are you looking for a way to validate your on-pack recyclability labelling?
- If a consumer picked up your product, would they easily understand which bin to put it in?
- Are you shifting your packaging design to incorporate the Australasian Recycling Label (ARL)?
- If you answered no to any of these questions, then this training course is for you.

So where do you start? This training course will help attendees to better understand what tools are available, how to use them, why they are needed and how they link to the 2025 National Packaging Targets.

This course will help attendees to understand how to more accurately use PREP and the ARL including:

- How to complete a PREP evaluation
- How to convert PREP outcomes to an ARL artwork
- How to apply the ARL on-pack correctly

Attendees will learn about the APCO Recycling Label Program and consumer recycling behaviours then deep-dive in to the purpose of PREP, gain an understanding of the governance and data collection process behind PREP, review samples and material templates and work through sample assessment templates. Attendees will be able to undertake a hands-on interactive session using PREP to complete an evaluation, review a report and understand the reasons behind the assessment.

This training course will enable participants to gain a better understanding of how using PREP and applying the ARL can help your business to meet the 2025 National Packaging Targets. The course will also enable participants to have a better and more realistic view of what packaging is truly recyclable and being recycled in Australia. Understanding these tools will enable agencies and marketers to provide verifiable and consistent recyclability information to their consumers.

If you and your colleagues are interested in receiving more information and costs for this course please contact the Australian Institute of Packaging (AIP) on info@aipack.com.au

Showcasing brands with progressive packaging solutions from Zipform Packaging



(08) 9456 1020 | www.zipformpackaging.com.au

Fundamentals of Packaging Technology Residential Course Now Available in Australasia

The Australian Institute of Packaging (AIP), in partnership with the IoPP, are bringing the Fundamentals of Packaging Technology course to Australasia as a residential course for the first time in 2020.

AUSTRALASIAN PARTNER



**AUSTRALIAN INSTITUTE
OF PACKAGING**

OWNED BY

Institute of
PACKAGING
PROFESSIONALS

GLOBAL ENDORSEMENT



info@aipack.com.au

www.aipack.com.au

In today's challenging packaging environment, you can't afford to make mistakes or overlook the critical details that cost precious time and money.

You need the knowledge—from materials properties and selection to transport packaging issues—that can help you make better decisions regarding your company's packaging dollars—now.

The Fundamentals of Packaging Technology course content is developed in consultation with packaging subject matter experts at leading global consumer packaged goods companies who face packaging challenges just like yours. Undertake the complete course and learn about all the major segments of packaging—and beyond.

The Australian Institute of Packaging (AIP), in partnership with the IoPP, are bringing the Fundamentals of Packaging Technology course to Australasia as a residential course for the first time in 2020. The residential course is divided into semesters to provide maximum flexibility around your work schedule. This course is also the basis for the examination side of the Certified Packaging Professional Designation; bringing you one step closer to becoming an internationally recognised CPP.

1. Take the entire course

Participate in the full Fundamentals of Packaging Technology residential course which will be broken up into 8x classroom days as 4x semesters over 12 months.

OR

2. Attend Semesters relating to your subject-interests or knowledge gaps

Content is divided into 4x Two-Day Semesters with each semester focussed on specific areas of packaging. You have the choice to enrol in one semester, or as many as you wish based on your professional development needs & knowledge gaps.

The Fundamentals of Packaging Technology Residential course will be broken up into 4x Two-Day Semesters over a 12 month period. An extensive array of packaging topics will be covered including graphic design, market research, printing, lithography, gravure, labelling, barcoding, paperboard, folding cartons, corrugate fibreboard, box compression, supply chain and logistics, polymers, extrusion moulding, flexible packaging, thermoforming, blow moulding, injection moulding, closures, bottle design, metal cans, adhesives, containers, glass packaging, packaging machinery, filling machinery, production line equipment and more.

Fundamentals of Packaging Technology Residential Course

Semester One

Day One – 29 April

Day Two 30 April

Viewpoint, St Kilda, Melbourne

Fundamentals of Packaging Technology Residential Course

Semester Two

Day One – 22 July

Day Two – 23 July

Fundamentals of Packaging Technology Residential Course

Semester Three

Day One – 16 September

Day Two – 17 September

Fundamentals of Packaging Technology Residential Course

Semester Four

Day One - 18 November

Day Two - 19 November

Book your place today as spaces are limited per Semester
<http://aipack.com.au/event-registration/?ee=253>

BEING A SUSTAINABLE BRAND: GOOD FOR THE ENVIRONMENT, GREAT FOR BUSINESS



AUSTRALIAN INSTITUTE
OF PACKAGING

CHOICE
ENERGY[®]
Use less, pay less

With a growing sustainability-conscious consumer base, modern business owners continue to be challenged by the demand of greener products and brands with a pro-environment outlook.

And rightfully so: economically and socially, we face mounting pressure in the face of climate change, energy shortages, liveable wages, ethical consumption... the list goes on, and overwhelms quickly.

It seems so easy to ignore the necessity of sustainable practice, as either immeasurable for stakeholders or too difficult to implement, when in reality the inspiration to do so is both fiscally and culturally available. Simply put, showing consumers your commitment to sustainability has been proven to increase brand value and offer an incentive to your soon-to-be customers when comparing you to other competitors.

INCREASING BRAND VALUE



The definition of brand value is, in essence, the total viewed worth of the business. Value is impacted by visibility, loyalty and - sometimes most importantly - association. We see major brands make association decisions every day that enhance reputation, position a product, or defer focus from less

customer-aligned elements of the brand.

For example, Nike's decision to feature controversial sports star Colin Kaepernick in their advertisements was considered a bold but intriguing move. Despite a social media led war cry promising to boycott the brand, Nike saw a value increase of \$26.2 billion: a testament to the impact of association, and the appeal of a brand choosing to take a stance and show their values. Impact beyond morals

Associating your brand with sustainability and a proactive environmental stance has been seen to improve brand value, even when the "eco" element of the brand is not actively taken up.

For example, Honda's choice to move ahead of the curve and offer an eco-friendly alternative to the fuel guzzling competitor standards saw them as the only car manufacturer in the US to report better sales in June 2008 when compared to June 2007.

According to a recent Nielsen report, coffee that reflects a sustainability message in their advertising enjoyed a better shelf placement in supermarkets, thanks to higher demand - 12% market growth, to be exact.

The Nielsen report continues, "Brands that are able to strategically connect (sustainability) to actual behaviour are in a good place to capitalise on increased consumer expectation and demand." Most importantly, the report adds, that "Sustainability claims on packaging must also reflect how a company operates inside and out."

Further FMCG areas that saw growth thanks to sustainability demands include chocolate and bath products. None alike, but all recognising the impact a sustainable ethos has to the bottom line. Sustainability as a corporate initiative continues to grow in importance, with more than 90% of CEOs saying that sustainability is fundamental for success.

INTRODUCING THE NEXT STEP

Embracing a sustainable initiative doesn't demand an overnight revamp of your entire process. Implementation can begin with practice that makes sense to the cultural officer, as well as the financial controller.

Multi-award winning Australian brewery KAIJU! Beer turned to solar as a reflection of their brand values and their concern about the impact their Dandenong brewery had on the environment. The acquisition of \$21,000 worth of government rebates also meant for a high user like them, the installation of a 40kW system resulted in savings from day one.



Enthusiastic, confident and inclusive, their investment in solar helps position the brand as an independent with values that align to the growing demand for sustainable products. This also set the groundwork for KAIJU! Beer to continue to grow with their operations strongly aligned with their brand ethos.

Replas, Australia's leading recycled plastic manufacturer, sought out a solar opportunity to take their sustainable practice to the next level. With a fundamentally eco-friendly offering, the introduction of a clean energy solution meant furthering consumer confidence. Customers turn to Replas to provide them with over 200 recycled plastic products, which are now produced with the assistance of a sustainable energy source, rounding out that commitment through the entire manufacturing process. Replas will now also save \$2.5 million dollars over the next 25 years across their two sites, and avoid generating the greenhouse gas equivalent of 40.7 vehicles per year.

Your power to change the world

If you're ready to introduce an environmentally and economically positive solar solution to your business, reach out today and organise your complimentary solar feasibility assessment with Australia and New Zealand's trusted solar provider.



University of Queensland PhD candidate Nicole Garofano will soon be on the sea voyage of a lifetime, helping tackle the world's ocean plastic crisis.

Ms Garofano is one 300 women involved in the eXXpedition program, facilitating scientific studies and allowing participants to explore solutions to ocean plastic, whilst connecting with a global network of multidisciplinary women researchers.

Her journey, from Cairns to Darwin this July, will take her through the islands of the Great Barrier Reef, the Torres Strait and the Gulf of Carpentaria.

"Not being a sailor, per se, I'm a little nervous about being in open waters for at least 10 days of the voyage," she said.

"But I'm keen to experience first-hand the presence of plastics in the oceans off our coastline, and particularly in the Great Barrier Reef."

She is no stranger to the problems of plastic waste in island communities, having lived in, and travelled to, island states around the world over the last 15 years.

"My PhD research focuses on the movements of plastic food and beverage packaging materials to and through small island developing states," she said.

"Being able to participate in eXXpedition adds the missing piece of the puzzle as my research focuses on land-generated issues from these materials, not marine.

COMMUNITY

Ms Garofano (left) has been working diligently with communities in island nations, like this one in Vanuatu, to reduce plastic waste pollution.

"I've seen first-hand the challenges communities face in many developing nations, and there are really two solutions needed to solve this plastics puzzle.

"The first is to address separation of materials, and collection – with collection being the big challenge.

"In Asia, where just over half of the world's population resides, there are serious capacity issues in managing solid waste, including plastic.

"If we can at least find a way to capture and collect these plastics, this would be a great help.

"The other part of the puzzle is the presence of fishing gear - depending on which study you refer to, fishing gear makes up some 50 per cent of the plastic in the ocean.

"So we need to do some serious education and enforcement with our global fishing fleets as well."

Ms Garofano is counting down the days – ready to sail away from the harbour while adding valuable knowledge and experience to help pursue her passion – to make a difference for island communities and the world's oceans.

"The eXXpedition is the first of its kind in conducting marine plastic pollution research," she said.

"Conducting research while sailing as part of a team of 300 women on a global voyage, many of whom are not sailors, who then continue to be ambassadors for the mission to share knowledge and act as changemakers, is truly remarkable.

"It's time to learn, educate and help change perspectives and actions around plastics."

Fundraising contributions can be made to Ms Garofano's journey via her GoFundMe website.



FOUR ANZ ENTRIES TIPPED FOR SPECIAL WORLD STAR PACKAGING AWARDS

The Australian Institute of Packaging (AIP) is pleased to announce that 4x Australian and New Zealand companies have been shortlisted as finalists for 3x of the WorldStar Packaging Special Awards, which are run by the World Packaging Organisation. What makes this recognition even more meaningful is that no ANZ packaging innovation has ever been recognised or shortlisted in the President's Award and two of the three finalists in the Sustainability Award are also PIDA 2019 Award winners.



ANZ finalist for the President's Award is Plantic RV Skin Packaging Materials (PlanticTechnologies, Aust)



ANZ finalist for Packaging that Saves Food Award is Hazeldene's Chicken Farm and Sealed Air for Cryovac Darfresh on Tray (SealedAir, Aust)



ANZ finalists for the Sustainability Award are Woolworths Bakery Plant Fibre Tray (Woolworths, Australia) and LewisRoad 100% rPET Milk Bottle (#Pact, NZ)

The winners of each Special Award will be announced during the 2020 WorldStar Packaging Awards at Interpack in Duesseldorf, Germany on the 8th of May.

Winners from ANZ also received the third highest amount of WorldStar Packaging Awards in total in the world behind Japan and China. This brings the ANZ total awards to 17 for the 2020 WorldStar Packaging Awards.



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PIDA Awards lead to global success

The Australian Institute of Packaging has announced that 11 Australian and New Zealand companies have received international recognition with 13 wins across six categories in the WorldStar Packaging Awards, run by the World Packaging Organisation.

The winning categories include Food, Beverage, Labelling and Decoration, Health & Personal Care, Household, Packaging Materials and Components.

Winners from Australia and New Zealand also received the third highest amount of WorldStar Packaging Awards in the world behind Japan and China.

The winners all came to the WorldStar Packaging Awards through the annual Packaging Innovation & Design (PIDA) Awards programme, the exclusive feeder programme for the two countries into the WorldStar Packaging Awards.

The 2020 WorldStar Packaging Award winners for ANZ are as follows.

Impact International

For the Sarah, Craig and Margorie 100 per cent recycled PE and sugar cane PE tubes.

Nulon Products Australia & Caps and Closures

For the Nulon Ezy-Squeeze fluid transfer system which replaces the traditional rigid packaging with a flexible pouch and applicator that has made accessing hard to reach fill points on a car quick and easy.



Pact Group's Lewis Road Creamery milk bottle

Kiwi and Aussie companies achieve WorldStar success



Oji Fibre Solution's RJ's Licorice packaging

Currie Group

For the new transformational printing technology for packaging that showcases high-end printing, finishing, coding, marking and AR technology driving awareness to The Australian Rhino Project.

Pact Group

For the New Zealand brand Lewis Road Creamery post-consumer sourced PCR, 100 per cent recycled rPET milk bottle range.

Stay Tray

For its reusable drink tray that is designed with 100 per cent recycled material sourced from Australian businesses to reduce single use.

Danone ELN New Zealand Supply Point

For its sachet multipack for both Aptamil and Karicare Infant Formula ranges for sale in Australia and New Zealand.

Oji Fibre Solutions

For RJ's Licorice open top and open front Shelf Friendly Packaging, designed to withstand export from New Zealand to Australia as well as handle stacking from pallet displays straight into supermarkets.

Hazeldene's Chicken Farm and Sealed Air

For Cryovac Darfresh on Tray vacuum skin technology that can provide an increase of shelf



Punchbowl Packaging's Kaituna Blueberries punnets

life by 25 per cent over existing MAP applications. Food waste reduction is further facilitated by the fact that the packaging is easy-to-open as the tear tab and peelable top film allows for easy product access.

Moana New Zealand and Sealed Air

For Cryovac Grip and Tea (including small tab) was designed to foster ease-of-use for packaged meat, poultry, seafood products for processors, food service and retail markets.

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 high impact polystyrene.

Punchbowl Packaging

For the Kaituna Blueberries peelable, re-sealable, tamper-proof top seal fibre punnets. Punchbowl's design approach was to deliver a simple, practical and sustainable solution for customers, while ensuring a range of end of life options for the packaging.

Woolworths

For undertaking a major project in replacing its previous black plastic non-recyclable plastic trays with a renewable sourced pulp/plant-based fibre sourced from unbleached bamboo (40 per cent) and unbleached sugarcane (60 per cent).



Defining compostable and biodegradable packaging

AIP president, Dr Carol Kilcullen-Lawrence, gives the run down on the difference between biodegradable and compostable packaging.

Packaging is under the spotlight, and rightly so as we progress towards achieving Australian National Packaging Targets, whereby all packaging, by 2025 should be recyclable, reusable or compostable.

So let's have a closer look at what is meant by compostable, why it is so often confused with biodegradable and, in a packaging context, what does the consumer do with the empty package?

For compostable packaging to be utilised to its full potential, what needs to change in our waste

collection streams? Now that renewable packaging is starting to gain momentum, what does bio-based add to the supply chain and why are bio-based raw materials not necessarily biodegradable?

What is compostable?

Although not many consumers have access to one, we are familiar with compost heaps. The composting process allows us to dispose of leftover foods for example to decompose and creates fertiliser for your soil. When it comes to

compostable packaging however, we need to understand that backyard composts have a completely different set of physical conditions than industrial composting facilities – an important distinction. Industrial composting can cope with a wider range of compostable products as it involves pre-processing – where materials are ground and chipped down into smaller pieces, and in addition, industrial composting provides the higher temperatures needed for more efficient break down. Home composting takes place

at much lower temperatures and over an extended time frame, which can typically go up to a year, compared to a matter of weeks for industrial composting.

Compostable packaging will likely not break down in a landfill, as they lack the right conditions, especially in a modern landfill where there will be no oxygen. The only desirable waste stream for compostable packaging is an industrial compost facility. And while not currently available in all regions of Australia, industrial



composting facilities are becoming increasingly widespread with many more councils and private companies providing bins, where food scraps and garden waste can be disposed of together. However, with a significant amount of education required to advise consumers about what can go into such bins, many council schemes do not permit packaging of any type, in case it results in a negative impact due to the wrong packaging ending up at an industrial composting facility. As the volumes of compostable packaging on the market are relatively small, the impetus to study its compatibility with council schemes is low.

What is Biodegradable?

Everything will degrade over time, but true biodegradation occurs through a biochemical process, with the aid of enzymes produced by naturally occurring microorganisms, both in the presence and absence of oxygen i.e. aerobic or anaerobic, without leaving behind any toxins, yielding only carbon dioxide, water and humus or biomass. Biodegradation is just a natural process taking its course and breaking down materials to their component parts.

Biodegradable packaging can be derived from several sources, including renewable sources – like paper or bioplastics, as well as petroleum-based plastics, which are specifically engineered, to decompose in the natural environment, which is significant at the end of life. A biodegradable plastic will be considered a contaminant in the plastics recycling stream, as on being exposed to moisture and appropriate microorganisms, the biodegradation process will commence.

So, we are clear on what is compostable and what is biodegradable, subtle but important differences when it comes to disposing of the package in the right waste stream. Now let's not allow 'bio-based' to add any confusion. A package derived from a 'bio' source, can be designed to be compostable or biodegradable, however it is equally possible that it is not – meaning the package can be disposed of with like-packaging in a recycling stream for example.

Many different renewable 'bio-based' ingredients are now used

as packaging inputs. Some enable compostable and biodegradable packages, whereas others produce packaging that is identical to that from fossil-based sources hence, the bio-based packaging can be recycled with like polymers. Examples are bio-polyethylene and polypropylene derived from plant based renewable feed stocks, that have properties that cannot be distinguished by the equivalent polymers derived from petrochemicals. The following summarises the two sources of plastic – fossil based and renewable, with

their corresponding four attributes:

All these packaging formats are desirable – as long as the consumer has the right information and the right facilities for proper disposal. Currently whilst there are standards and guidelines from organisations such as the Australian Industrial Composting Standard (AS4736) and the Australian Organics Recycling Association, there is no universally recognised symbol for labelling consumer packaging. With the uptake of the Australasian Recycling Label (ARL), this

problem could be addressed down the track. Compostable and biodegradable packaging comes into its own where it enables food waste to be captured in the organics waste sector and this is predominantly at public events where the inputs to the waste stream can be controlled. This is likely to be the area in which we see the most growth in compostable and biodegradable packaging and provided that growth mirrors the capacity of the organics collections to handle it, that's a positive outcome on all fronts. **F**

	Biodegradable	Non-biodegradable
Fossil-based	Some fossil-based plastics, whilst not common in packaging, are biodegradable. Examples are polybutyrate adipate terephthalate (PBAT) and Polycaprolactone (PCL)	Conventional Plastics like HDPE, PP and PET are derived from fossil sources and whilst not biodegradable, they are recyclable.
Bio-based	Poly(lactic Acid (PLA) is an example of a Bioplastic which made from renewable sources. It is also biodegradable.	Plastics like PE, PP and PET can also be derived from renewable sources and hence are known as Bioplastics. This does not mean that they are biodegradable. However, they are recyclable with conventional plastics.



Image credit: dcuzon / Shutterstock.com

This plastic cup is ideal packaging – it is both compostable and biodegradable.

Packaging initiatives designed to reduce food waste

Innovation is key to good packaging. At the recent Australian Waste and Recycling Expo, a panel of experts discussed not only how to make packaging better, but offer up practical solutions. *Food & Beverage Industry News* explains.



Zero waste is achievable, especially if food producers research the type of packaging they use.

31 | Food & Beverage Industry News | December 2019 | www.foodmag.com.au

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The scale of food waste globally is epic. It is a huge amount of waste. It is probably one of the biggest environmental challenges of our time. Not only because of the food waste itself, but the resources and the cost of that waste. Not only the food that people don't use and consume, but all the resources wasted going into producing that food."

Thus said Sealed Air's sustainability director Alan Adams. He was speaking on the Food Waste Stage at the Australian Waste and Recycling Expo in a session titled The Role of Packaging in Minimising Food Waste. Emceed by FIAL's manager of food sustainability, Sam Oakden, Adams was joined by the Australian Institute of Packaging's (AIP) executive director, Nerida Kelton, as well as Mark Barthel, who acts as a special advisor to the Fight Food Waste Cooperative Research Centre (CRC).

Being a plastics packaging specialist, Adams knows that Sealed Air and other companies that use the multi-purpose product are fighting an uphill battle with regard

to public perceptions of packaging. Not just plastic, but any type of packaging that is not seen as being biodegradable (at a minimum) or compostable. However, as his title suggests, he, along with the other panellists, champion sustainability.

It is no longer in anybody's interest to have what can best be described as a laissez faire attitude towards packaging.

For some time now, industry bodies such as the AIP have been pushing for designers to produce smarter and more environmentally friendly packaging. And it's beginning to pay off. But Adams still belts out statistics that show there is still a long way to go.

"Food that is wasted consumes up to 25 per cent of the world's potable water," said Adams. "That's the environmental cost. Alongside that, the decomposing food we don't eat generates greenhouse gases, another significant environmental challenge. Then there are the costs including the social cost.

"Every country around the world has some people with food insecurity. It's criminal that



Food waste expert Mark Barthel.



The AIP's Nerida Kelton.

we waste so much food."

To encourage packaging designers to put their ideas out there, and at the behest of the World Packaging Organisation (WPO), the AIP created the Australasian Packaging Innovation & Design Awards (PIDA).

The awards, which are now in their sixth year, not only reward those designers who think outside the square but have a more practical purpose – making sure that any ideas that contribute to sustainability and the reduction of food waste become

mainstream.

And it's not just about extending shelf life – although that certainly adds to a reduction in food waste – but other criteria also need to be considered.

A more recent example is how packaging affects people with disabilities.

"If you look at the Arcadis baseline report this year, we have quite high losses in food waste in hospitals and aged care facilities," said Kelton.

"Anybody designing packaging



Tonnes of food is wasted, yet tens of thousands of Australians need food assistance.

in Australia and New Zealand has a responsibility to consider this. What we can do to craft better and intuitive designs that can minimise food waste for people who have difficulty opening a package? It is not only the ageing population that has issues with difficult-to-open packaging; it is also people with disabilities, arthritis sufferers and even children. People can't grip, open or close the product, which can be a huge issue."

Having spent quite a bit of time in the UK recently, Barthel had some interesting insights into that market – some of which he wishes he could implement here. He worked in a behavioural interventions lab in the UK whereby they spoke to businesses and consumers about some of the challenges around food waste and came up with interesting ideas on how to reduce it.

"For example, with a standard size loaf of bread, we were finding that, more often than not, the last quarter of the loaf was ending up as waste," said Barthel. "We worked with a couple of bakery companies

"Food that is wasted consumes up to 25 per cent of the world's potable water... That's the environmental cost. Alongside that, the decomposing food we don't eat generates greenhouse gases, another significant environmental challenge. Then there is the cost of it. Then there is the social cost. Every country around the world has some people with food insecurity. It's criminal that we waste so much food."

and tested some visual cues. By the time a consumer got to the last part of the loaf, there was message on the packaging that said 'freeze me, and toast me later'.

"It was mapping into a clear visual cue. It's normalising behaviour – in this case freezing bread to store it properly so you don't waste it.

"It is really a neat piece of behavioural intervention. It's a combination of understanding behavioural science and how you communicate that science to consumers, and the language, and

using visual cues that they will get."

Adams also came up with an example of the avocado, which made up part of entry in the Save Food Packaging Design Special Award in the PIDAs. One company had packaged avocados in such a way that the shelf life was extended markedly.

"Extending the shelf life of a product should be an obvious thing to do to reduce food waste," he said. "It gives us more time to consume the product, more time to buy it, more time to enjoy it.

"What this company did was

effectively make a guacamole product that had a shelf life of 90 days. An unseen win for this, was that when adding more shelf life, they also increased the processing window of the avocado industry. This enabled the industry to create products they can sell, therefore increasing the amount of harvest it utilised," Adams said.

A lot of food that is produced, particularly in fresh produce, doesn't even get off the farm, according to Adams. It doesn't get sold or a chance to be eaten. Some packaging strategies can enable solutions that can help consumers use a larger slice of harvest.

Kelton also outlined how criteria for the Save Food Packaging Design special awards are evolving, with food waste playing an important part when a product is being considered for an award.

Measures include its resealability, openability, portion control, consumer convenience, extension of shelf life and barrier, recyclability, as well as smart and intelligent packaging and more.



Packaging design has become more important when it comes to product development.



Foodbanks still make up an important part of reducing food waste.

“One of the most discussed criteria at the moment is; how do we meet the 2025 National Packaging targets, offer small portions, and provide consumer convenience?” said Kelton.

“That is where we hope the Save Food Packaging CRC project, led by the AIP, will engage with surveys, research, PhDs etc, as part of a project to better understand how it works and come up with really smart and intuitive design ideas that we can start implementing.”

Another topic covered during the session was that of Life Cycle Assessments (LCAs), which all three panellists agreed, that while laborious, are important in the designing process. While LCAs are not mandatory, the amount of information that can be garnered from doing one can be invaluable to both the designer and the customer.

“When it comes to LCAs, very few companies that I come across and I work with have a defined sustainable packaging strategy,” said Adams. “And if you don’t know where you are going, LCAs can be a waste of time, or potentially give the wrong result. I think it is incumbent on all of us to figure out what our objective is for the environment.”

“Optimisation, recycled content, functionality, shelf life extension – all of these things are important

when it comes to designing packaging,” said Barthel. “An LCA is a really good way of underpinning that, although in saying that, I would be happy if I never had to do another LCA study in my entire life because they are so detailed. But, they have to be.”

“For the institute, LCAs are really important for all packaging designers and packaging specialists to do,” said Kelton.

“If you are not doing LCAs at the moment, you are going to miss out. How you are going to help customers? Because if you can find what the true impacts are across your value chain, then you can communicate that.

“It’s really important to tell the customer what you are doing and why you are doing it. If you are extending the shelf life of meat because you are using vacuum

packaging, tell them.”

One thing all three agreed on – and has been a theme being pushed by the AIP especially over the past 12 months – is that processors and manufacturers have to do a better job of selling packaging to consumers. A lot of the time it is seen as the “bad boy” of the supermarket shelf space, when in fact most companies are doing their utmost to not only reduce the amount of packaging they use, but also trying to extend the life of on-the-shelf products. Barthel put it succinctly when he summed up the packaging versus food waste conundrum.

Barthel has the last word on where food waste stands in the pecking order of having an effect on greenhouse gas production in the UK, but whose numbers can be easily transposed to Australia, too.

“The latest WRAP (Waste and Resources Action Plan) estimates that the total carbon footprint of food and drink consumed in the UK is 130 million tonnes CO₂ eq per year,” he said.

“This is approximately equivalent (eq) to a fifth of UK territorial emissions, or two tonnes of CO₂ eq per person per year.

“Excluding emissions from wasted items, the average impact of a tonne of food and drink purchased is 3.4 tonnes CO₂ eq, rising to 3.8 tonnes of CO₂ eq per tonne of food alone.” **F**



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FOODTECH PACKTECH



Adding value to New Zealand's food chain

New Zealand's leading trade show for
the food & beverage manufacturing and
supply chain industry

**\$448,000,000+ total
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Average spend per
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4,000+ visitors

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INSIDE ROBOTICS



Join as a Partner today. The Australian Institute of Packaging (AIP) provides opportunities for your company to partner with the Institute through our on-line newsletter, website and social media sites. These communication tools will provide direct access and communication on a regular basis to our Members and wider industry colleagues on the AIP database. Ask the AIP how your business can become a partner today.

PROUD LONG-STANDING SUPPORTERS OF PACKAGING EDUCATION & TRAINING IN AUSTRALASIA

ARE YOU INTERESTED IN PACKAGING EDUCATION & TRAINING?

**IS PROFESSIONAL & PERSONAL DEVELOPMENT
IMPORTANT FOR YOU & YOUR STAFF?**



**AUSTRALIAN INSTITUTE
OF PACKAGING**

**AUSTRALASIAN
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**FIGHTING
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**ACCESS TO
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AIP: PEAK PROFESSIONAL BODY FOR PACKAGING EDUCATION & TRAINING IN AUSTRALASIA



AUSTRALIAN INSTITUTE
OF PACKAGING

Fundamentals of Packaging Technology

Residential Program Now Available In Australasia

In today's challenging packaging environment, you can't afford to make mistakes or overlook the critical details that cost precious time and money. You need the knowledge—from materials properties and selection to transport packaging issues—that can help you make better decisions regarding your company's packaging dollars—now.

The Fundamentals of Packaging Technology course content is developed in consultation with packaging subject matter experts at leading global consumer packaged goods companies who face packaging challenges just like yours. Undertake the complete course and learn about all the major segments of packaging—and beyond.

The Australian Institute of Packaging (AIP), in partnership with the IoPP, are bringing the Fundamentals of Packaging Technology course to Australasia as a residential course for the first time in 2020. The residential course is divided into semesters to provide maximum flexibility around your work schedule. *This course is also the basis for the examination side of the Certified Packaging Professional Designation; bringing you one step closer to becoming an internationally recognised CPP.*

1. Take the entire course

Participate in the full Fundamentals of Packaging Technology residential course which will be broken up into 8x classroom days as 4x semesters over 12 months.

OR

2. Attend Semesters relating to your subject-interests or knowledge gaps

Content is divided into 4x Two-Day Semesters with each semester focussed on specific areas of packaging. You have the choice to enrol in one semester, or as many as you wish based on your professional development needs & knowledge gaps.

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PER SEMESTER



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