60 YEARS 1963-2023

AIP NEWS

AIP activities CPD accredited | Certified Packaging Professional designation

NOVEMBER 2023

PIABC Approved Training Academy | Globally Recognised Education

60 YEARS 1963-2023

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

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CPD Accredited 12.5 CPP Points

Save Food Packaging Training Course - 6 December 2023 New

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Blackbook

Earthodic™

ENSIGN LABORATORIES

Job Vacancies Available

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CPD Accredited 1 CPP Point

AIP/GS1 Australia Webinar: Behind the 2D Barcode - 12 December 2023 NEW

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WPO President's Farewell Message

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Waste EXPO AUSTRALIA

AIP Partners with Waste Expo 2023

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tna packaging & processing solutions

AIP PROUD PARTNER

AIP Welcomes New Gold Corporate Partner

NEW MEMBERS

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

NAME	GRADE	STATE/COUNTRY
Jenni Booth	Associate (AAIP)	QLD
Kaye Cooper	Associate (AAIP)	NSW
Tim Grant	Associate (AAIP)	VIC
Eunice Joy Ison	Associate (AAIP)	International
Ray Anthony Maranon	Associate (AAIP)	NSW

NAME	GRADE	STATE/COUNTRY
Jasson Mills	Associate (AAIP)	VIC
Shivansh Naik	Associate (AAIP)	New Zealand
Natalie Vivian	Associate (AAIP)	NSW
Adam Waldron	Associate (AAIP)	VIC
Kuan Hwa Wong	Associate (AAIP)	NSW

Position Vacant Blackbook Executive: Packaging Technologist (Rooty Hill, NSW)

The Company

This global FMCG business manufactures a large portfolio of iconic grocery brands. Promoting values of quality, sustainability, innovation and community, they have a terrific culture and have been certified as a 'Great Place to Work'.

This role will be based in their plant in Rooty Hills, NSW with work from home options available and it offers long-term career development opportunity.

The Role

The Packaging Engineer role has arisen due to an internal promotion within the business. This new role reports to the R&D Manager – Fresh Meals. In this role you will be required to lead, coordinate and successfully deliver packaging projects from idea generation to launch.

Your key responsibilities include but will not be limited to:

- Working across two major brands to validate and approve all packaging used at Rooty Hill site.
- Apply packaging development principles to unlock innovative pack design and execute packaging projects from concept-to-launch.
- Develop and implement packaging specifications that meet food contact and recycling certification
- Execute projects in a timely manner to drive innovation.
- Liaise with various stakeholders to drive performance, evaluate new technologies and identify cost saving opportunities.
- Demonstrate proven influencing and stakeholder engagement capability.
- Collaborate across the global teams.

Blackbook

Your Background

To be successful in this role, you will have;

- Tertiary degree in Food Science/ Technology and/ or Engineering.
- 5+ years experience in packaging of consumer goods, preferably food.
- Background in Packaging – required.
- Sound working knowledge of stage-gate process and a strong project management focus.
- Excellent communication and interpersonal skills.
- Excellent problem solving abilities.
- Accountable and results focused.

What's on offer?

The successful candidate will work in a stimulating and dynamic environment with exposure across their global team. This client can offer a competitive salary with an 8% bonus.

If you would like to discuss this opportunity further you can contact Kaz Daghistani at Blackbook Executive on (+61) 401 720 748.

PLEASE APPLY TODAY

Position Vacant Blackbook Executive: Packaging Technologist (Sydney, NSW)

The Company

Blackbook's client is a respected Australian manufacturer of superior, chef quality food products which are used widely across food service and also sold in retail. This authentic, energetic, agile and highly innovative food company launches more than 150 new products a year and offers a supportive culture with excellent long term career opportunities.

The Role

The Packaging Specialist role is newly created and has arisen due to an growth within the business. This new role reports to the Head of Innovation. In this role you will be required to lead, coordinate and successfully deliver packaging projects.

Your key responsibilities include but will not be limited to:

- Identify new materials and processes to meet sustainability requirements.
- Identify opportunities for continuous improvement such as processes.
- Coordinate and conduct trials.
- Liaising with internal and external stakeholders including operations, marketing, procurement, innovation, sales and suppliers.
- Manage and lead packaging projects.
- Apply APCO sustainable packaging guidelines & ARL logos across all projects.
- Use of PREP tool.
- Prepare business reports including annual APCO report.
- Provide support and troubleshoot any issues that may arise within the plant related to packaging.
- Provide and support machine operators with technical support and training.

Your Background

To be successful in this role, you will have;

- 5+ years experience within a food manufacturing organisation and working with flexible packaging (required).
- Degree in material science or similar.
- Sound working knowledge of laws, regulations and APCO requirements.
- A creative and innovative person to bring new ideas to the business.
- Ability to lead and manage significant projects.
- Strong communication skills and experience dealing with a variety of stakeholders.

If you would like to discuss this opportunity further you can contact Kaz Daghistani at Blackbook Executive on (+61) 401 720 748.

PLEASE APPLY TODAY

Position Vacant Earthodic: Bio-based Coatings Scientist

Earthodic are seeking an enthusiastic and ambitious Biobased Coatings Scientist to join their team. Their company is committed to creating sustainable solutions that help save the planet. Earthodic are out to make a big impact, to demonstrate that sustainability and performance can go hand in hand. Their bio-based coatings give paper and cardboard superpowers, without compromising the ability to be recycled or composted at end-of-life.

Operating for Earthodic, you will be part of the team based in Geebung, Brisbane where their research and development laboratory is located. As a valued member of their development team, you will be involved in;

- Formulating new coatings and collection of data that may contribute towards company intellectual property. This will involve getting your hands dirty!
- Testing and validation of coating formulations using an assortment of analytical laboratory techniques.
- Optimising coatings to meet their clients' needs while adhering to the company's environmental principles.
- Monitoring product quality to ensure compliance with standards and specifications.
- Entering data and results into laboratory information management systems.
- Assistance in the day-to-day operation of a coating laboratory (i.e. working with suppliers & partners). Fulfilling requests for ordering, shipping, and packaging of goods entering and leaving the laboratory.
- General laboratory maintenance tasks.
- Actively participating towards a positive OHS culture and company SOPs.

Selection Criteria:

1. **Education:** A bachelor's degree in Chemistry, Chemical Engineering, Material Science or related field is preferred. However, they will consider applicants with relevant industry experience and a high school diploma.
2. **Laboratory Skills:** The ideal candidate should have experience in laboratory techniques, such as formulating and testing coatings. Experience with natural product/bio-based coatings is highly desirable.
3. **Attention to Detail:** The ability to follow protocols, record data accurately, and maintain a clean and organised workspace is essential to this role.
4. **Team Player:** Earthodic are looking for a candidate who can work effectively as part of a team and contribute to a positive working environment.
5. **Sustainability Mindset:** Their company is committed to sustainability, and they are looking for a candidate who shares this passion and is motivated to contribute to our mission of creating a more sustainable and circular world, where nothing is wasted.

Desirable Criteria:

1. **Creativity:** They value creativity and innovation in their laboratory, and they are looking for a candidate who can bring fresh ideas to the table.
2. **Communication Skills:** The ability to communicate effectively with colleagues, clients, and suppliers is highly desirable.
3. **Time Management Skills:** The ideal candidate should be able to manage their time effectively and work efficiently to meet project deadlines.
4. **Technical Knowledge:** Knowledge of coating technologies and applications is highly desirable.
5. **Positive Attitude:** They are looking for a candidate with a positive attitude, who is passionate about their work, and can motivate and inspire their colleagues.

Earthodic are currently a small team, but with big growth ambitions! They can also offer the successful candidate exposure and experience to other non-technical elements of a high growth science-based technology company. This is an entry to mid-level position, and they welcome applicants with varying levels of experience.

Earthodic are an equal opportunity employer that is committed to inclusion and diversity, regardless of race, colour, ancestry, religion, sex, national origin, sexual orientation, age, citizenship, marital status, disability or gender identity.

PLEASE APPLY TODAY

Position Vacant Earthodic: Senior Scientist – Functional Coatings

Earthodic are seeking an enthusiastic and ambitious Senior Scientist – Functional Coatings to join their team.

Earthodic is advancing the global transition to a circular economy by creating easy-to-adopt bio-based coatings. They a team with diverse expertise and experience, headquartered in Australia and are brought together by a passion for making the world a better place and united by their belief in the potential of their products. Earthodic are out to make a big impact, to demonstrate that sustainability and performance can go hand in hand. Their biobased coatings give paper and cardboard superpowers, without compromising the ability to be recycled or composted at end-of-life.

As a Senior Formulation Specialist at Earthodic, you will play a crucial role in developing innovative functional coatings that support our mission. Earthodic are looking for a candidate who not only formulates coatings but has experience scaling them from the lab to industrial-scale, and can contribute to continuous improvement of their technology.

As a valued member of our development team, you will be involved in;

- Work with the Chief Technology Officer to formulate and develop 100% bio-based coatings, focusing on optimisation of key functional performance properties for the paper-packaging industry.
- Scale up lab-developed formulations to meet industry demands and enhance them with your innovative ideas.
- Conduct research to improve coatings for pulp, paper, and fibre applications, while optimising them for full-scale production.
- Collaborate with cross-functional teams to ensure coatings meet industry requirements.
- Work directly with bio-based materials and be comfortable with a 'get your hands dirty' approach.
- Travel as needed to partner sites and engage in on-site research.
- Stay up-to-date with the latest developments in sustainable coating technologies.
- Analyse and interpret data to make data-driven decisions in the formulation and scaling process.
- Contribute to the patenting process for unique formulations and products.
- Mentor and guide junior team members in the formulation department.
- Actively participating towards a positive OHS culture and company SOPs.

Earthodic™

Selection Criteria:

1. **Education:** A bachelor's, Master's, or Ph.D. in Chemistry, Materials Science, or a related field. Commensurate industry experience will also be considered.
2. **Industry experience:** The ideal candidate should have proven experience in the formulation and optimisation of functional coatings for pulp, paper, or fibre applications. Experience with bio-based materials and sustainable/green chemistry is highly desirable. Proven experience in scaling lab-developed formulations to full-scale industry production is also highly desirable.
3. **Innovation mindset:** Strong analytical and problem-solving skills with an ability to think outside-the box and bring fresh ideas to the table. A willingness to work with a broad range of stakeholders to achieve ambitious goals.
4. **Team Player:** Earthodic are looking for a candidate who can work effectively as part of a team and contribute to a positive working environment.
5. **Sustainability Mindset:** Their company is committed to sustainability, and they are looking for a candidate who shares this passion and is motivated to contribute to our mission of creating a more sustainable and circular world, where nothing is wasted.

Earthodic are currently a small team, but with big growth ambitions! They can also offer the successful candidate exposure and experience to other non-technical elements of a high growth science-based technology company. If you are excited about the opportunity to make a difference through sustainable innovation, they would love to hear from you. Please submit your resume and a cover letter detailing your relevant experience, your motivation to join Earthodic, your experience in scaling coatings, and your ability to add enhancements and innovations to formulations.

Earthodic are an equal opportunity employer that is committed to inclusion and diversity, regardless of race, colour, ancestry, religion, sex, national origin, sexual orientation, age, citizenship, marital status, disability or gender identity.

PLEASE APPLY TODAY

Position Vacant Ensign Laboratories: Packaging Department Manager – Pharma Industry

Exciting Career Opportunity in Packaging Leadership

Ensign are thrilled to offer you the chance to join their close-knit team and become a part of a well-established, family-owned company with a rich history of over 60 years in contract manufacturing. Their company proudly partners with some of the world's leading brands, providing a comprehensive range of contract manufacturing services, spanning from over-the-counter medicines to cosmetics and aerosols. At the heart of their operations lies a firm commitment to the creation of innovative products.

In this role, you will take the reins in leading, coaching, and nurturing a team of packaging technologists. Your primary objective will be to conceive and deliver packaging solutions for both new and existing products. To thrive in this role, you must possess a keen ability to perform deep analysis, think outside the box, and communicate with influence.

Key Responsibilities:

Spearhead the development and implementation of imaginative, inventive and sustainable packaging solutions for Ensign's customers' renowned brands.

Foster a continuous flow of fresh ideas and cutting-edge technologies that align with business and consumer demands across Australia.

Strategically enhance the packaging expertise, technical capabilities, and role-specific competencies within the team through effective people development, coaching, and training.

Identify and action opportunities for optimisation by reviewing packaging processes to evaluate production capabilities and packaging compatibility through cross-functional teaming, engaging stakeholders effectively, streamlining processes, and conducting trials if necessary.

Oversee and manage the supplier auditing program for packaging suppliers collaboratively with key stakeholders and maintain approved suppliers in their systems.

Requirements:

To succeed in this role, you should bring the following skills and qualifications:

- Tertiary qualified in Packaging Engineering or a science related equivalent.
- Demonstrated leadership acumen within a GMP environment.
- A minimum of 5 years of experience in a packaging role.
- Proven ability to manage and deliver products and projects on time and within budget.
- A talent for building trust-based relationships and seamless collaboration with internal and external stakeholders.
- Exceptional communication and interpersonal skills.
- Outstanding analytical and problem-solving skills, meticulous attention to detail, and a strong desire for continuous learning.
- A critical thinker who can provide insightful observations and improvements.
- Self-motivated, creative, and collaborative team player.

What's in it for you:

- Training and development opportunities to help you realise your full potential and encourage innovation.
- An exciting career with ample growth opportunities
- The chance to be part of a reputable and innovative manufacturing company.
- Collaborating with a dynamic team that values teamwork and ongoing improvement.

PLEASE APPLY TODAY

PLASTICS RECYCLING ANALYSIS IN PACKAGING

Plastics Recycling: Insights, Challenges and Future Trends

Partnering with many of our customers we know that developing new products with advanced performance features is not enough in the new, waste-averse economy. To stay ahead of the competition, products need to be designed for recycling and/or reuse. At the same time, industrial manufacturers are challenged as always to keep an eye on costs, ensure effective quality control, and streamline processes while meeting stringent standards requirements.

If you're looking to implement or improve the plastics recycling pathway and workflow in your business and you want to strengthen your brand reputation whilst increasing profitability, then watch our webinar where you'll hear first-hand from an expert about the solutions and strategies that can best address your needs

Discover more

Watch our on-demand webinar

Visit our website

www.perkinelmer.com/au/category/packaging-analysis

PerkinElmer®
For the Better

TNA Solutions becomes AIP Gold Corporate Partner

The AIP would like to take this opportunity to welcome our latest Corporate Partner, TNA Solutions. TNA solutions is a global leader in food processing and packaging solutions, committed to helping people succeed responsibly in a changing world.

With over 40 years of experience, TNA's global team of experts have installed more than 14,000 systems in over 120 countries. The company creates and sustains solutions that help customers realise goals and exceed their expectations, with performance, responsibility, and a customer-centric approach at the core of the business. A collaborative, consultative approach ensures measurable results and lasting success, with solutions designed to evolve and perform over time.

As an inclusive partner, TNA supports a growth agenda that goes beyond business, emphasising its commitment to people, prosperity and the planet in harmony. TNA is a powerful advocate of social justice, and aims to support children in disadvantaged communities through education, healthcare, and social enterprise programmes, through the humanitarian initiatives undertaken by the Nadia and Alf Taylor Foundation.

TNA solutions: feeding ambitions.

tna packaging & processing solutions

AIP PROUD PARTNER

TNA Solutions is proud to announce they are a corporate partner of the Australian Institute of Packaging.

Visit www.tnasolutions.com or contact tnateam@tnasolutions.com to learn more

TNA opens second confectionery manufacturing facility

TNA opens second confectionery manufacturing facility in Sydney, Australia. Alongside the existing Sydney site, the new facility in Wetherill Park, NSW, will help TNA cater to increasing demand for TNA moguls and confectionery systems.

TNA solutions, a market leader in integrated confectionery processing and packaging solutions, announces the addition of a third manufacturing site in Australia, at Wetherill Park, Sydney. This expansion aims to meet the burgeoning demands of the global confectionery and nutraceuticals sector.

"Our confectionery processing capabilities are continually evolving," said Thiago Roriz, Chief Operating Officer at TNA solutions. "With our new Wetherill Park facility, we extend our ability to deliver complete solutions to our global customers efficiently, and with short lead times. We understand our customers' needs for reliability and efficiency as they cater to the ever-evolving palate and increasing demands of consumers."

"Since acquiring NID in 2017, TNA has been updating existing technologies while retaining industry defining standards in reliability in the confectionery arena. This added manufacturing capacity ensures that customers worldwide can receive state-of-the-art solutions in a timely manner", added Thiago. The company creates and integrates complete processing and packaging solutions, that include everything from kitchen operations, starch conditioning, mogul tray handling, de-moulding, product cleaning and finishing, to depositing, distribution, packaging, and case packing.

TNA Wetherill Park will further secure the global supply chain for complete confectionery line solutions.

In today's unpredictable environment, the security of supply is paramount. TNA's unique offering includes comprehensive expertise and support in project management and aftermarket services. Through a global network, spread across 30 countries, the company ensures seamless access to experts, spares and technicians, enabling customers to realise their goals, and exceed expectations.

CERTIFICATE IN PACKAGING

The ideal first qualification for those working in the packaging industry.

60 YEARS AIP
1963-2023

aipack.com.au

The Certificate in Packaging is an introduction to the industry for those starting out on an exciting career in packaging.

The Certificate in Packaging is a Level 3 PIABC course that is recognised as giving an excellent foundation in and introduction to the packaging industry. The new course, based on the revised specification, provides a level of insight and understanding of the packaging industry that adds real and measurable value to careers and businesses.

CPD Accredited 25 CPP Points

PIABC Approved training academy

PIABC
Awarding Qualifications for the Materials Cycle

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

Up-Coming Courses, Webinars & Tradeshows

DECEMBER 2023

Save Food Packaging: Training Course: Guidelines to Design Packaging that can Minimise Food Loss & Waste NEW COURSE

WHEN: **6 December 2023**

WHERE: RMIT University, Melbourne, 9.30 am to 2.30 pm AEDT

WHAT: **Does your business actively design packaging to minimise food loss & waste? If the answer is yes then what design criteria are your packaging technologists using? This new training course will not only help set the scene on food waste globally and across the ANZ region, but it will also help you to redesign your packaging to minimise food loss & waste.**

The most innovative and intuitive Save Food Packaging uses design features that can contain & protect, preserve, extend shelf life, easily open and reseal, provide consumer convenience and portion control; all the while meeting global sustainable packaging targets.

Opportunities for packaging design to minimise food loss & waste can include better facilitation or communication around portion control, date labelling, extension of shelf life, protection, resealability and openability, serving size, food safety/freshness information, information on storage options and improved communication on packs.

The packaging should also highlight a wide range of design factors that help to prevent food waste including: mechanical protection, physical-chemical protection, resealability, easy to open, grip, dose and empty, contains the correct quantity and serving size, food safety/freshness information, expiry date and Best before date, information on storage options and improved communication on packs including open, reseal, close and dispense.

The packaging should also facilitate sorting of household waste – easy to clean, separate, recycle or reuse.

WHO SHOULD ATTEND: **Packaging Technologists & Designers** have the opportunity to minimise food waste at the start by incorporating the Save Food Packaging Design guidelines into their NPD process. Embedding Save Food Packaging design features at the NPD stage ultimately reduces the product's overall environmental impact at the start of the value chain which minimises food wasted in the household. **Marketers** can spotlight the SFP design features as a point of difference and send a message to the consumer that the brand is actively trying to minimise food waste from paddock to plate. **Sustainability Directors** can ensure that the 2030 Food Waste Targets are included in their ESG's policies and food loss and waste across their value chain can be measured.

There is significant appetite in the food and beverage industries for the deployment of the Save Food Packaging Design principles. The Save Food Packaging design training course will provide the detailed guidelines, criteria, research and action places to arm packaging technologists, designers, innovation teams, sustainability & environmental teams, sales, business development, design agencies, consultants, procurement and marketing & communications departments with the tools to integrate the roadmap into their product-packaging design. The outcomes from this course will include more innovative and intuitive packaging that can minimise food loss and waste across the value chain all the way to the household and ultimately lower environmental impacts.

LECTURER:

Nerida Kelton FAIP
Executive Director - AIP
Vice President Sustainability & Save Food - WPO

4.5 Hours of Learning | Industry-Recognised Certified Training | CPD Accredited 12.5 CPP Points | Certificate of Completion

RMIT UNIVERSITY | END FOOD WASTE AUSTRALIA | FRIENDS OF CHAMPIONS 12.3 | SAVE FOOD | Kai Commitment | NZ FOOD WASTE CHAMPIONS 12.3 | WORLD PACKAGING ORGANISATION

AIP/GS1 Australia Webinar: Behind the 2D Barcode: What it means for printing and packaging NEW (VIRTUAL)

WHEN: **12 December 2023**

WHERE: **On-line Via Zoom**, 10.00 am to 11.00 am AEDT

WHAT: **Next generation 2D barcodes are revolutionising businesses in Australia and across the globe, carrying substantially more information than traditional 1D barcodes.** A single 2D barcode can hold a significant amount of information and may remain legible even when printed at a small size or etched onto a product. This session will provide an overview of next generation 2D barcodes including labelling, placement, size specifications and more. Speakers will discuss examples and answer your questions.

SPEAKERS:

Brian Gemmell
Manager Education & Training
GS1 Australia

Aruna Ravikumar
Senior Advisor Global Standards & Solutions
GS1 Australia

CPD Accredited 1 CPP Point

Events

Up-Coming Courses, Webinars & Tradeshows

JANUARY - FEBRUARY 2024

ProPak Philippines 2024

WHEN: **31 January - 2 February 2024**
WHERE: World Trade Centre Metro Manila, Pasay City, Philippines
WHAT: ProPak Philippines is the leading international processing and packaging trade event for the Philippines. It is the perfect platform for market trends, investments and industry networking through product exchange and a variety of conferences, seminars and technical workshops offering sustainable solutions for the country's enterprises.

CPD Accredited CPP Points

PROPAK PHILIPPINES

AIP ProPak Philippines Packaging Forum #1

WHEN: **31 January 2024**
WHERE: World Trade Centre Metro Manila, Pasay City, Philippines

PROPAK PHILIPPINES

CPD Accredited CPP Points

AIP ProPak Philippines Packaging Forum #2

WHEN: **2 February 2024**
WHERE: World Trade Centre Metro Manila, Pasay City, Philippines

PROPAK PHILIPPINES

CPD Accredited CPP Points

Fundamentals of Packaging Technology: Residential Course coming to Australasia

WHEN: **13-14 February 2024** (SEMESTER 1)
21-22 May 2024 (SEMESTER 2)
17-18 September 2024 (SEMESTER 3)
10-11 December 2024 (SEMESTER 4)

WHERE: Sydney, NSW, Australia

Owned By
Institute of PACKAGING PROFESSIONALS

Globally Recognised Course

Full Course
50 CPD accredited Points towards CPP

Per Semester
12.5 CPD accredited Points towards CPP

WHAT: **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, has developed a residential version of the Fundamentals of Packaging Technology course for Australasia. 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.

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

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.

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.

SEMESTER ONE TOPICS: 13-14 February 2024

• ***COURSE INTRODUCTION*** • ***COURSE OVERVIEW*** • ***COURSE LOGISTICS***

1-1: Perspective on Packaging
1-2: Package Development Process
1-3: Market Research
1-4: Graphic Design
1-5: Colour Perception
1-6: Introduction to Printing & Printing Methods
1-7: Printing Methods
1-8: Electronic Product Coding
1-9: Labels and Labelling

The 4th International Processing and Packaging Trade Event for the Philippines

PROPAK PHILIPPINES

31 Jan – 2 Feb 2024

**WORLD TRADE CENTER METRO MANILA,
PASAY CITY, PHILIPPINES**

The **Premier Processing** and **Packaging Event** for the **Philippines**

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MEDIA PARTNERS

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Events

Up-Coming Courses, Webinars & Tradeshows

MARCH 2024

Anuga FoodTec

WHEN: **19 - 22 March 2024**

WHERE: Cologne, Germany

WHAT: Anuga FoodTec is the most important information and business platform for new concepts and innovative developments in the international food and beverage industry. It is the world's only supplier fair that competently covers all aspects of food and beverage production - from process technology and filling and packaging technology to food safety, packaging, digitalisation and intralogistics. As a new sector, there will be an exhibition area for environmental technology and energy for the first time in 2024. Anuga FoodTec awaits you in Cologne from 19 - 22 March 2024 - internationally positioned with the latest solutions, pioneering technologies and sustainable impulses for your success!

CPD Accredited CPP Points

MAY 2024

Fundamentals of Packaging Technology: Training Course

Owned By Institute of PACKAGING PROFESSIONALS

Globally Recognised Course

Per Semester: 12.5 CPD accredited Points towards CPP

WHEN: **21-22 May 2024 (SEMESTER 2)**

WHERE: Sydney, NSW, Australia

WHAT: **SEMESTER TWO TOPICS:**

- **2-1:** Paper and Paperboard
- **2-2:** Folding Cartons
- **2-3:** Corrugated Fibreboard
- **2-4:** Corrugated Boxes
- **2-5:** Box Compression Strength Workshop
- **2-6:** Distribution Environment
- **2-7:** Protective Packaging
- **2-8:** Pre-shipment Testing
- **2-9:** Industrial Packaging
- **2-10:** Wood Packages

JUNE 2024

ProPak Asia 2024

WHEN: **12 - 15 June 2024**

WHERE: Bangkok, Thailand

WHAT: Unprecedented opportunities will still be carried over to ProPak Asia 2024 guaranteed with the space rebooking from many leading technologies, solutions, and services providers. The organiser eagerly anticipates to meet you all at ProPak Asia 2024, scheduled to held from 12-15 June 2024. The next edition promises to provide industry professionals with yet another exceptional platform, advancing the industry and fostering fresh opportunities for firm collaborations and growth.

CPD Accredited CPP Points

2024 Global Packaging Forum

WHEN: **12 June 2024**

WHERE: **Alongside ProPak Asia 2023,** Bangkok, Thailand

WHAT: **The Australian Institute of Packaging (AIP), in conjunction with Informa Markets, will be running the sixth Global Packaging Forum as an in-person event during ProPak Asia 2024.**

CPD Accredited CPP Points

AIP Packaging Course

WHEN: **13 June 2024**

WHERE: **Alongside ProPak Asia 2023,** Bangkok, Thailand

CPD Accredited CPP Points

Fibre/Flexibles/Cans Packaging Forums

WHEN: **14 June 2024**

WHERE: **Alongside ProPak Asia 2023,** Bangkok, Thailand

CPD Accredited CPP Points

Residential version of the Fundamentals of Packaging Technology course is coming to Australasia in 2024

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 AIP, in partnership with the IoPP, will be introducing a residential version of the Fundamentals of Packaging Technology course for Australasia. 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. In fact, everyone that completes the full course will be able to sit the CPP examination at the end of 2024.

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.

Take the entire course

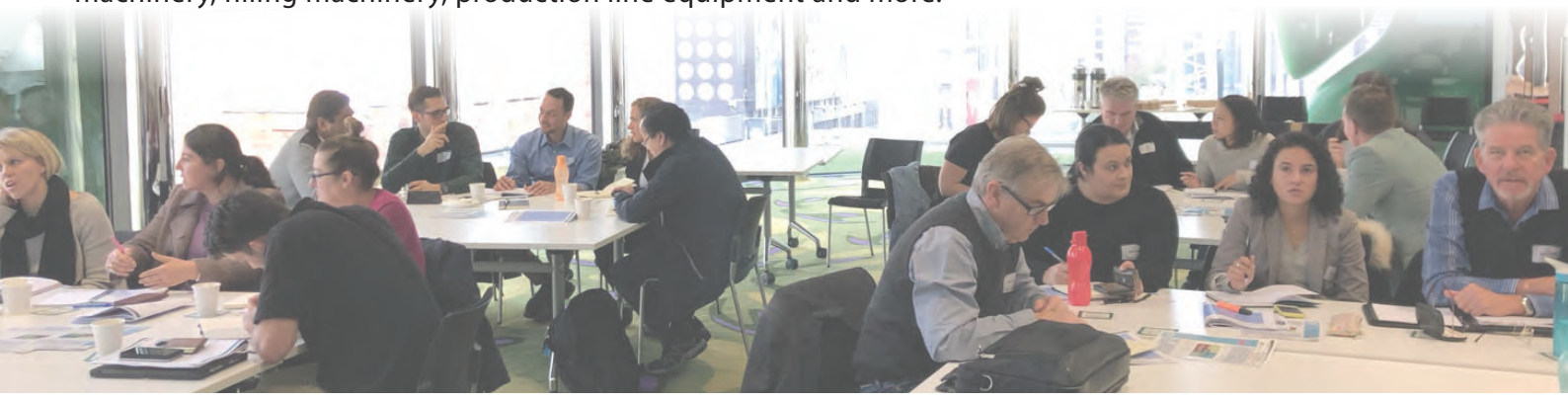
Participate in the full Fundamentals of Packaging Technology residential course which will be broken up into 8x classroom days as 4x semesters over 12 months.

or

Attend Semesters relating to your subject-interests or knowledge gaps

Content is divided into 4x Two-Day Semesters with each semester focused 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.

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.



Semester One *13-14 February 2024*

Semester Two *21-22 May 2024*

Semester Three *17-18 September 2024*

Semester Four *10-11 December 2024*

Globally Recognised Course

Full Course: 50 CPD accredited Points towards CPP

Owned By: Institute of PACKAGING PROFESSIONALS

Per Semester: 12.5 CPD accredited Points towards CPP

Certificate of Completion

Events

Up-Coming Courses, Webinars & Tradeshows

JULY 2024

Australasian Waste & Recycling Expo (AWRE) 2024

WHEN: **24 & 25 July 2024**

WHERE: International Convention Centre Sydney

WHAT: Discover an exciting showcase of full circle innovative products and sustainable solutions to collect, process and recycle waste more smartly. Future critical areas include Machinery & Equipment, Software & Services, Bins, Vehicles, Food & Organics and more. Connect with an influential community of waste and recycling professionals, suppliers/service providers, government departments, public sector bodies and special interest groups to successfully drive change throughout your specialist area.

AUSTRALASIAN Waste & Recycling Expo

CPD Accredited CPP Points

National Food Waste Summit

WHEN: **24 & 25 July 2024**

WHERE: MCEC Melbourne

WHAT: Australia's biggest gathering dedicated to fighting food waste.

END FOOD WASTE AUSTRALIA

2024 National Food Waste Summit

CPD Accredited CPP Points

SEPTEMBER 2024

ProPak Indonesia 2024

PROPAK INDONESIA

WHEN: **4-6 September 2024**

WHERE: Jakarta, Indonesia

WHAT: ProPak Indonesia is the leading international processing and packaging trade event in Indonesia for Processing & Packaging technologies. Powered by ProPak Asia, ProPak Indonesia is part of the event series taking part in the region showcasing a comprehensive array of innovative products to a thriving and expanding local market in Indonesia. It is the centerpiece where market trends converge, and industry networking evolve to valuable customer insight.

ProPak Indonesia is the 'must-attend' processing and packaging event in Indonesia delivering an industry-focused platform connecting worldwide suppliers to both local and regional buyers in the food & beverage, consumer & personal goods, and pharmaceutical industrial sectors.

CPD Accredited CPP Points

Fundamentals of Packaging Technology: Training Course

WHEN: **17-18 September 2024** (SEMESTER 3)

WHERE: Sydney, NSW, Australia

WHAT: **SEMESTER THREE TOPICS:**

- **3-1:** Introduction to Polymers
- **3-2:** Polymer Chemistry
- **3-3:** Packaging Polymers
- **3-4:** Property Comparisions
- **3-5:** Extrusion Moulding
- **3-6:** Flexible Packaging
- **3-7:** Thermoforming
- **3-8:** Injection Moulding
- **3-9:** Blow Moulding
- **3-10:** Bottle Design Criteria
- **3-11:** Closures

Owned By: Institute of PACKAGING PROFESSIONALS

Globally Recognised Course

Per Semester: 12.5 CPD accredited Points towards CPP

DECEMBER 2024

Fundamentals of Packaging Technology: Training Course

WHEN: **10-11 December 2024** (SEMESTER 4)

WHERE: Sydney, NSW, Australia

WHAT: **SEMESTER FOUR TOPICS:**

- **4-1:** Environmental Issues
- **4-1A:** Sustainable Packaging
- **4-2:** Adhesives
- **4-3:** Metal Containers
- **4-4:** Aerosols
- **4-5:** Glass Packaging
- **4-6:** Special Designs
- **4-7:** Packaging Machinery
- **4-8:** Filling Systems
- **4-9:** Production Line Workshop
- **4-10:** Laws and Regulations
- **4-11:** Packaging Software

Owned By: Institute of PACKAGING PROFESSIONALS

Globally Recognised Course

Per Semester: 12.5 CPD accredited Points towards CPP

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WPO President's farewell message... *by Prof Pierre Pienaar FAIP, CPP*

It has been a rewarding, pleasurable and an incredible honour for me to serve as President of this wonderful global organisation. This will be my final message in the WPO News as President. I thank each one of you in the special way that you have made my tenure so satisfying. Only a few get this exceptional privilege. I have enjoyed representing the WPO across the globe, visiting the numerous countries these past 6 years, meeting so many lovely people, guiding us all through Covid19 to ensure that we remain a cohesive necessary association representing packaging worldwide.

Administrations come and go, leadership roles change, but the loyalty of each of you remains of utmost importance and that is an incredible reassuring constant for the WPO. I thank you for always putting WPO and packaging first in your country and spreading the good word.

Increasing our membership base is most important for the growth of the WPO. I am therefore really pleased to share with you that we are currently speaking with 2 additional countries about becoming members of the WPO, Tanzania and Uganda. Hopefully they will come on board in Cape Town along with one ther possible member. In addition, the WPO Executive team have been crossing the globe presenting at conferences both physically and virtually, as well as attending numerous packaging exhibitions.

I was interested but not surprised to read in the global packaging news that sustainability, smart packaging, e-commerce, and personalisation will be key trends driving innovation in the industry in the second half of 2023. By embracing these trends and exploring new technologies and materials, packaging companies can stay ahead of the curve and meet the evolving needs of consumers in the years to come. I have noticed that each global packaging conference that I have attended recently continues to include sustainability but now more so smart packaging at each conference gathering.

If I reflect on these past 6 years then I am most pleased with the support that I have had from all member counties. Together with you we have achieved the goals that I set back in November 2017 in Brazil. I reiterated them in November 2020 in a virtual meeting of the WPO Board.

Those goals were:

- **Reduce packaging waste along with global education**
- **Reduce food waste along with global education**
- **Increase global awareness of the WPO along with an increase in global education**

We have achieved beyond my original expectations in all three goals, a big thank you.

WPO President's farewell message... *by Prof Pierre Pienaar FAIP, CPP*

We continue to have a responsibility and a challenge to ensure packaging gets better and better in all respects. The WPO continues to form relationships with other related industries in the pursuance of better packaging outcomes, holding webinars congresses and conferences, some physical and some virtual and some in a hybrid format. The WPO when presenting in these numerous global conferences continues to spread the word on sustainable packaging which includes a positive approach on plastics in packaging.

We in the WPO will continue the drive of encouraging and ensuring that all are informed about packaging design for recycling. I encourage all to review our website to learn more on the resources that are available to ensure this sustainable outcome, see: https://www.worldpackaging.org/wpo/6/

Finally, I express my sincere thanks and appreciation to the Executive Committee that I worked alongside. I am extremely grateful to each one of them. I could not have achieved what we set out to achieve without their dedication, commitment, and generosity.

In my first term as President they were:

Vice President – Luciana Pellegrino (Marketing)

Vice President – Antro Saila (Sustainability/Save food)

Vice President – Aslihan Arikan (Education)

Vice President – Soha Atallah (Exhibitions/Conferences)

General Secretary – Dr Johannes Bergmair

Press and Communications Liaison Officer – Liliam Benzi

Global Ambassadors:

- Kishan Singh
- Chakravarthi AVPS
- Carl Olsmats

WPO President's farewell message... *by Prof Pierre Pienaar FAIP, CPP*

In my second term as President they were:

Senior Vice President – Luciana Pellegrino (Marketing)

Vice President – Soha Atallah (Exhibitions/Conferences)

Vice President – Nerida Kelton (Sustainability/Save food)

Vice President – Henky Wibawa (Education)

General Secretary – Dr Johannes Bergmair

Press and Communications Liaison Officer – Liliam Benzi

Global Ambassadors:

- Kishan Singh
- Chakravarthi AVPS
- Hiroko Akieda

On behalf of all at the WPO, I wish you good health and safety. Take care and best wishes.

Prof Pierre Pienaar FAIP CPP
President
World Packaging Organisation

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Recycle Mate: Helping to recycle packaging

According to the latest ARL Consumer Insights Report 65% of Australian consumers want more information about how to recycle and 74% want to see the Australasian Recycling Label (ARL) on all packaging.

A new collaborative educational approach between the Australasian Recycling Label (ARL) program, and a dynamic platform called Recycle Mate, will provide the community with the information to be able to dispose of used packaging and other materials appropriately and correctly; no matter where you live in the country.

Australasian Recycling Label (ARL) program

One piece of the recycling information puzzle is the Australasian Recycling Label (ARL) program. The ARL is an on-pack labelling scheme that helps the community to recycle packaging correctly, and it supports brands and packaging manufacturers to design packaging for recyclability.

The ARL logos are provided as intuitive visual aids and instructions about how to correctly dispose of all components of a product's packaging. The ARL system is evidence-based and is used by packaging manufacturers to verify product recyclability claims. Used by over 900 companies, across more than 300,000 SKU's, the ARL program provides a consistent labelling approach for Australia and New Zealand.

Recycle Mate:

The second piece to this puzzle is the development of Australia's first community driven recycling platform.

Recycle Mate is a dynamic recycling education platform that combines artificial intelligence technology with Australia's most comprehensive recycling directory to reduce contamination in recycling streams, improve resource recovery and support a circular economy for packaging.

During the development of the platform the team at Recycle Mate identified 90 different kerbside bin systems, based on the bin lid colour options and different waste stream separations, across the country. For the platform to be able to offer users the correct information it needs to reflect every recycling bin, no matter where you are located in the country.

Recycle Mate is helping to navigate the transition to a more harmonised standard for kerbside collection, relaying the local kerbside recycling rules and providing geolocated directions to 'away-from-home' recovery options. Recycle Mate has been designed to provide the community with the answers from question to destination as easily as possible.

Away-from-home collection

Recycle Mate provides additional information to help guide households on difficult to recycle materials and packs, and how to locate 'away-from-home' destinations such as container deposit schemes, FOGO programs, product stewardship programs such as for blister packs, disposable coffee cups, lids and closures, e-waste and more in the local communities.

There are still far too many people that don't realise that the availability of 'away-from-home' collection programs for items that traditionally are not accepted into a kerbside bin.

The 'away-from-home' space is evolving at a rapid rate in Australia and needs to be reflected on the Recycle Mate platform. Currently 9 out of 10 'away-from-home' recovery options are not Council facilities. 'Away-from-home' programs are all of the product stewardship schemes such as Close the Loop, Simply Cups, Mobile Muster, Lids4Kids, Nespresso, Containers for Changes, Pharmacycle. There are now over 30,000 'away-from-home' options geolocated in Recycle Mate, and this number continues to grow.

Recycle Mate: Helping to recycle packaging

Soft Plastics disposal

With the Return to Store soft plastics program currently being re-designed in Australia many households are confused as to where they dispose of their soft plastics and flexible packaging. Consumers are now seeing a mix of logos on packs for these materials which adds to the confusion. Three products in one category can have a Return to Store logo, a general waste logo and the new Check Locally logo. This adds to consumer frustration and mistrust of recycling symbols.

In addition, some Councils have stepped up to collect soft plastics through kerbside pilot programs or providing collection/drop off points for the residents. Other Councils do not accept the material at all and advise their constituents to throw the packs in the general waste bin.

This lack of harmonisation across the country means it can be very challenging for consumers to dispose of these materials correctly. In some instances the packs will simply be disposed of in the wrong bin.

Check Locally logo

A new Check Locally logo has been designed to ensure that there is a more accurate logo that reflects the current state of play for soft plastics and flexibles in Australia. The logo is available for brands to use on their packaging to guide consumers as to how they can dispose of soft plastics in the geographical location they are in. Brands are in the process of removing their Return to Store logos and updating their artwork to include the Check Locally logo. The logo includes a link to arl.org.au which is connected to Recycle Mate so that all of the disposal information is current and accurate.

The updated Check Locally logo is designed to reduce consumer confusion and to ensure that brands are not greenwashing with misleading ARL logos on packs. The Check Locally logo is available for all soft plastics and flexibles that meet the thresholds and is also designed for other packaging that is 'less widely accepted' across Councils. The definition of 'less widely accepted' is between 60% and 80% of the kerbside population that has access to a Council service that collects the materials.

Recycle Mate steps in when you need to Check Locally

The challenge is that when you tell someone to 'check locally' they don't understand what that means, nor where to go for additional information. Some people will visit their Council website, others will ask their friends and family and many run searches on Google. This is where Recycle Mate steps in and does all the heavy lifting for the community. Recycle Mate can make the Check Locally action simple.

Recycle Mate not only takes into consideration all bin systems across the country, but also what you can and cannot put in each bin and provides additional information on 'away-from-home' collection options.

The platform can also direct the community to be able to safely dispose of items like combustibles, batteries and e-waste. The first thing a user will see if they are asking about the more dangerous items like batteries, is that there is no kerbside disposal. Recycle Mate is also working to ensure that there are always available 'away-from-home' disposal options listed. The platform geolocates the user, hones in on where they are and works to make sure the information is accurate according to their location.

The platform has built-in AI which enables users to take a photo of the product to identify the recycling attributes of the pack and any components. The AI will automatically start with kerbside disposal instructions - which is how the majority of people in the country dispose of packaging. If there is a more positive 'away-from-home' option suitable for the pack then the platform will advise the user of this information. The user will also be provided geolocated directions and opening times for that location.

The extensive 'word search' includes over 7,000 items so far in the taxonomy and this is growing daily as more consumers use the platform. The program is dynamic and is updated weekly to add new collection points and locations for new product stewardship programs.

Recycle Mate has been developed as a national collaboration that is community driven. Users can choose how they access the platform such as to download an APP on to their phones - **Apple: https://apps.apple.com/au/app/recycle-mate/id1470350559** and **Google: https://play.google.com/store/apps/details?id=com.recycle_mate&hl=en_AU&pli=1**, use the Recycle Mate website **www.recyclemate.com.au**, access the platform through Council websites or via **arl.org.au**

Recycle Mate: Helping to recycle packaging

New Recycle Mate Enhancements

As the number one place that households will go to for recycling information is their local Council website the team at Recycle Mate have developed new options to embed Recycle Mate information in Council websites across the country. This helps to reduce the administrative burden of over 500 Councils trying to keep up to date with all their local resource recovery opportunities and to help provide their community with the best possible information. The new Recycle Mate widgets can be customised for any Council and are easily embedded on their website for direct community access.

The new opt-in enhancements include:

1. Recycle Mate item search widget

Sometimes Council websites don't have recycling information at the granular level, and the waste & recycling information is just a small part of what their websites are promoting. By embedding the Recycle Mate widget into the Council site they can direct their residents via a QR code to the Council URL. The QR codes can be added to marketing material, newsletters, magnets, calendars and any other promotional items that are targeting the households in the area.

Sulo has also developed the technology to hot stamp the QR code on to the bin lid which will direct the residents to recycling information very quickly and easily.

2. Recycle Mate community map widget

The dynamic interactive community map visualises all the 'away-from-home' options, product stewardship and container deposit schemes, professional recyclers, community compost hubs, social enterprises, repair networks, stores and charities. The community map widget will help build awareness of the amazing programmes available and guide the community to where they are located. An additional benefit is that the map can help Councils to become aware of what additional programs are located in their area that can then be promoted to the residents. The map widget provides the address and directions on how to get there.

3. Recycle Mate AI powered chatbot

The Recycle Mate ChatGPT chatbot is an AI-powered chatbot utilising natural language to provide location specific answers to waste and recycling questions with dialogue-like responses. People can type in the question and the chatbot will answer the question. Users can speak to the chatbot in 92 languages which is helping to communicate recycling information to our diverse communities.

The recycling questions are answered based on the combination of Council data, information for the non-Council run 'away-from-home' recovery options and other relevant information.

The chatbot utilises the extensive Recycle Mate catalogue of information and is customised for each specific Council area.

There is also an opportunity to adapt the Chatbot to a community-wide range of topics relevant to the safe disposal of batteries and information about 'away-from-home' options for problematic or difficult to recycle items via kerbside systems.

4. Quarterly Usage Reports

Councils are looking to Recycle Mate to be able to share information about their communities. What information they are asking and any feedback. Council-specific reports are now able to be generated from the platform. The results can help guide Councils to improve communication, adapt behaviour campaigns and build stronger awareness where needed.

Recycle Mate: Helping to recycle packaging

QR codes and Barcodes

When it comes to packaging there are still a number of packaging formats that the platform currently cannot identify, due to the complexity in the packaging formats. Packaging that is classified as 'conditionally recyclable', due to potential food contamination or variable acceptance also present challenges in helping the community recycle right.

The team at Recycle Mate have identified that 2D codes, QR codes and traditional barcode scanning are all solutions that will greatly improve not only the identification of packaging formats but also help guide the community to dispose of them correctly.

Barcode scanning also enables the users to be able to break down the packaging into separable components to identify which bin to use for each item e.g.: lid, bottle and label.

Two companies that are piloting the systems are Confoil and Unicharm.

Confoil has recently released their DualPakECO certified compostable tray, which was awarded a gold 2023 Australasian Packaging Innovation & Design (PIDA) Award. Confoil recognise that not all states in Australia accept certified compostable packaging in FOGO bins, which makes it very difficult for the brands to be able to communicate accurate disposal information if there is variable acceptance across the country.

By adding the QR code to the packaging it will immediately identify the type of packaging it is, what materials it is made of, and then will allow users to be directed to the best recovery option available near them which may be general waste, a FOGO system or potentially an 'away-from-home' option.

The benefit of embedding a QR code on to the packaging material is that even if the recovery disposal options change in a year the packaging does not need to be re-printed.

The relevant information can be changed in the back end, so when a user scans the QR code, they will only receive the most up-to-date information related to that pack.

Unicharm see the use of the QR code as an intuitive and easy way to help educate the community on how to dispose of the BabyLove packaging.

By adding the QR code to the packaging the user has accurate data on disposal options in their location which could be general waste, kerbside collection or an 'away-from-home' option. By adding the QR code to the Unicharm BabyLove Nappy Bag it enables the brands packaging to remain more static and artwork is not needed to be changed.

Recycle Mate is a unique, dynamic and innovative platform that enables every resident of Australia to have access to the most current and comprehensive information on kerbside recycling, FOGO, Container Deposit Schemes and product stewardship collection programs available.

We strongly encourage brands to consider partnering with the platform, more Councils to embed the widget in their websites and for everyone to let their own family and friends know about Recycle Mate.

The more people that join the conversation, the better.

Nerida Kelton FAIP
Executive Director – AIP
Vice President Sustainability & Save Food - WPO

AIP partners with **Waste Expo 2023**

The AIP continued our strong partnership with Waste Expo this year as an association partner, exhibitor and we also hosted two ackaging sessions. It was so great to see so many of our Members, corporate partners and students come and visit us and also attend our packaging sessions.

The AIP team engaged with so many new people and had some fabulous discussions with numerous councils and government agencies.

We also met the designer who worked with Anhely Millán on the must-have World behind Recycling children's book which you can buy through the AIP library. Julio you are very talented and we need more books.

During Waste Expo the AIP ran two packaging sessions. The first was on the intersection between certified compostable packaging, food waste and organics with a brilliant panel of expert minds Keith Chessell FAIP Rowan Williams, Natasza Letowt-Vorbek and John McKew.

The second session was discussing (in rapid fire) the value of embedding the Sustainable Packaging Design principles into a business with best practice examples from the PIDA awards. This session was presented by our very own ED, Neida Kelton and Ralph Moyle FAIP, CPP.

Both sessions were full and were well received. The only challenge we faced was we needed at least another hour for each session with all the questions we had.

AIP partners with Waste Expo 2023

AIP partners with Waste Expo 2023

AIP partners with Waste Expo 2023

AIP Sessions @ Waste Expo 2023

AIP Sessions @ Waste Expo 2023

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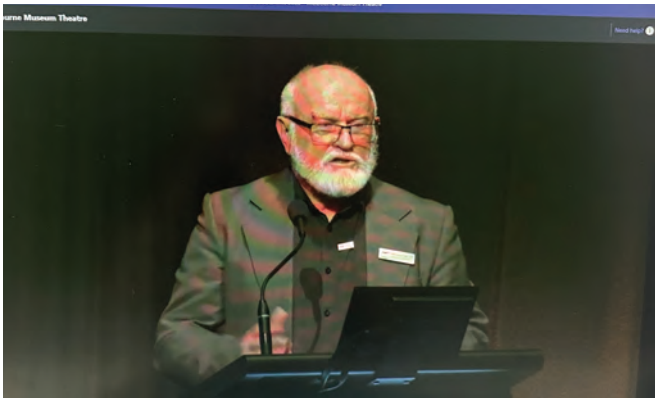
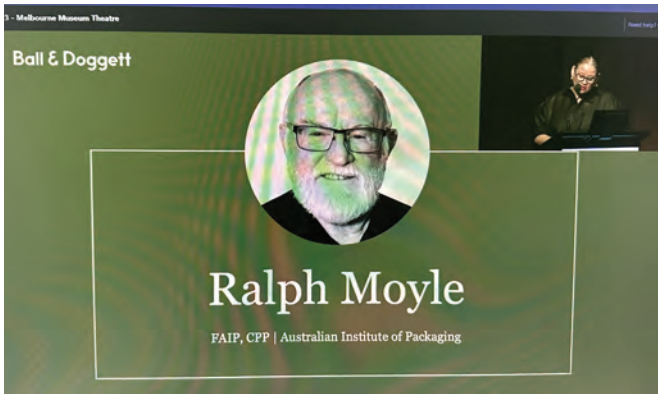
POP Summit

The AIP recently supported the Power of Print Summit that discussed the current landscape of sustainable packaging. Two AIP Members participated in this session, Zaidee Jackson who moderated the panel discussion that Ralph Moyle CPP FAIP was on.

The P.o.P Summit, which is coordinated by the Print & Visual Communication Association, was a pivotal gathering for those who own a business, work, or have an interest in the visual media industry.





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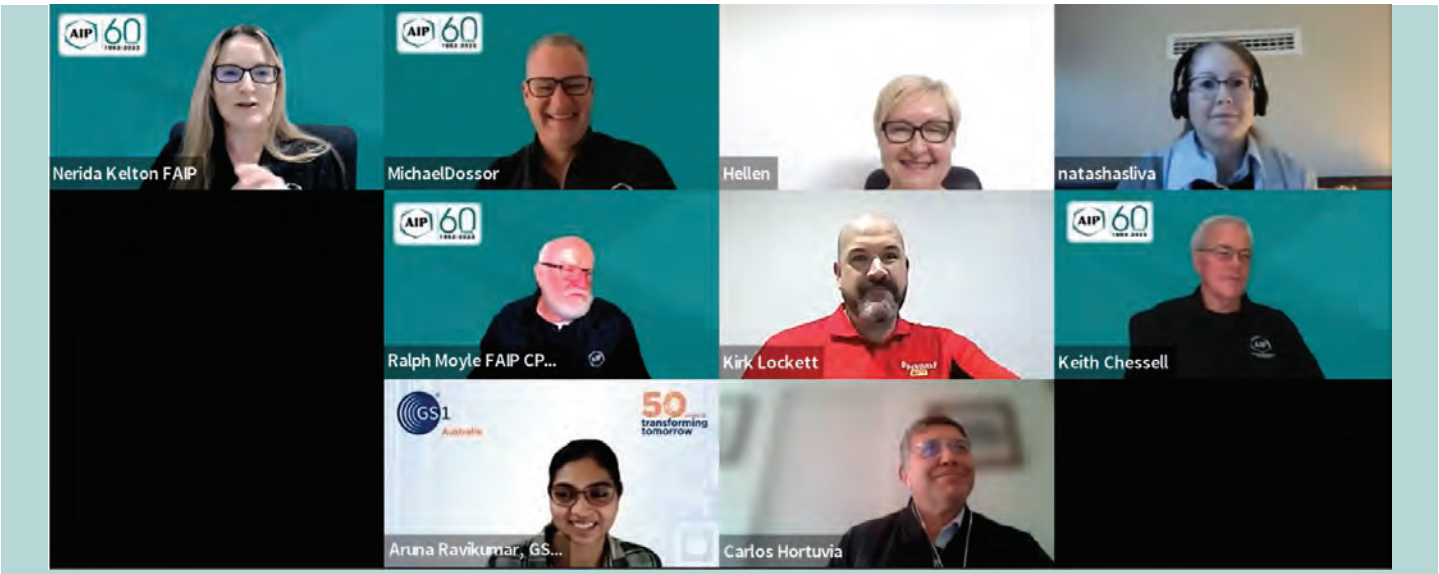
AIP: PEAK PROFESSIONAL BODY FOR PACKAGING EDUCATION & TRAINING IN AUSTRALASIA

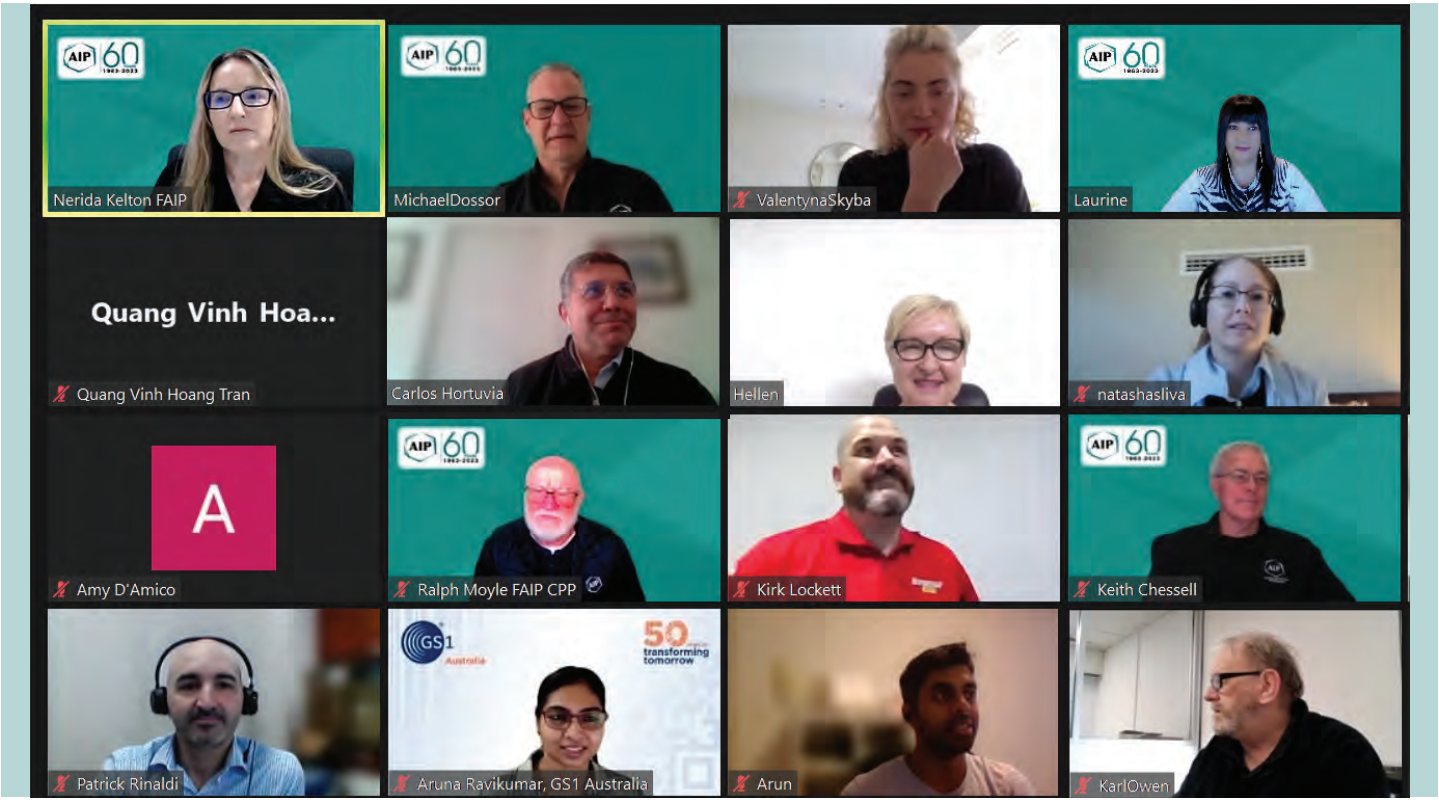
Active & Intelligent Packaging Training Course

The virtual edition of the AIP's NEW Active & Intelligent Packaging training course was recently held with a great turnout of members.

The course is designed to assist anyone who is responsible for packaging, marketing, operations, logistics in the consumer goods and broader supply chain who is seeking to stay relevant in their consumers lives by using smart packaging solutions that offer out-of-the-box business value.

The course provides attendees with a better understanding of the smart packaging solutions currently available to transform the way they package, deliver and market their products and connect directly with consumer or offer value that will ensure customers 'come back for more'. Best Practice examples of award-winning packs from the Australasian Packaging & Innovation Design (PIDA) awards and the WorldStar Packaging Awards across Active & Intelligent Packaging were also be discussed in the course.





Opal opens its doors for AIP members

Opal Group has opened its doors for Australian Institute of Packaging (AIP) members via a virtual site tour of its facilities, giving insights into its recycling operation, its Botany Mill, its fibre and specialty packaging divisions, and its bag solutions.

Opal has opened its doors to its facilities for AIP members, giving insights into its recycling operation, its Botany Mill, its fibre and specialty packaging divisions, and its bag solutions.

This year, Opal will collect around 600,000 tonnes of cardboard from its customers around Australia, and around 500,000 tonnes of that will be recycled on its B9 paper-making machine at its Botany Mill.

Due to only needing a certain amount of cardboard to make its paper, any excess Opal collects from its customers around the country will be exported.

"The different types of businesses that opal deals with, first, a big portion of that being the big retailers such as Woolworths, K Mart, Target, Aldi, and others – they are more than just customers, we see them as partners. They have a lot of cardboard that we have a need for, and they have a need to recycle it, which we can deliver," explained Daniel McHugh, national sales manager at Opal Recycling.

"We also deal with waste management organisations, who obviously have a promise to their customers to recycle domestically, and we have the infrastructure to do that, so we take a portion from these companies.

"And we also have the brand – the customers that we are selling our packaging to. They recycle material on their sites, and we also bring some of that back to our mill as well."

The Botany Mill is a 100 per cent recycled paper mill, and this year, Opal is expecting to make around 430,000 tonnes of paper.

In terms of what's collected for use, Jacob Chretien, general manager of Technical & Strategic Projects at Opal Paper Division, explained that unfortunately, along with the cardboard, some plastic and glass and other unwanted waste will unintentionally get collected.

To counter this and to remove all the waste that isn't fibre, Opal puts the recovered materials into a pulper, where water is added to make a slurry. After that, Opal has a number of unit operations through the process that pulls out the non-fibre materials – starting with the big bits, then working its way down to the very fine bits like sand or printing ink.

Opal opens its doors for AIP members

"The goal is that we remove all of those materials to prepare for the paper machine, but the fantastic bit is because the paper machine needs good quality furnish to perform well, the quality of the paper we make for our customers is exceptional," said Chretien.

"We do need to consider all of the different products that we can make, and so, as a result, when the B9 was built, it needed flexibility to be able to make this wide product offering.

According to Chretien, there's a whole area of opportunity around resource recovery and closing the loop in the market

"It is not just about being a paper manufacturer, but also being an integrated recycler – we make paper, we make boxes, we recover boxes after they've been used to come back into the process and go around again," Chretien added.

Opal Fibre has 11 manufacturing facilities in its network – eight in Australia and three in New Zealand. All sites in Opal's network source paper from its 100 per cent recycled Botany and Maryvale mills.

This year, Opal will collect around 600,000 tonnes of cardboard, and around 500,000 tonnes of that will be recycled.

Opal's B9 paper-making machine at its Botany Mill.

Opal opens its doors for AIP members

The company has a 2800mm-wide BHS corrugator that has the capability of running to 400 lineal metres per minute. Opal has several converting machines, variations of RSCs, flexo folder gluers, and rotary die-cutters.

Brad Hinds, group general manager at Opal Fibre Packaging ANZ, said that Opal also has a unique capability thanks to its Zytech machines, which are both held in Queensland.

"Opal has a strong focus on paper innovation, which allows the company to provide market solutions to varying customers with varying packaging needs," Hinds explained.

"Rather than following a conventional corrugated medium, our mediums in our Zytech machine allows us to have tip-to-tip corrugating, which provides additional strength that allows us to use less fibre in our packaging."

As for transportation, because it is quite hard to transfer the initial 50-tonne (about 50km of paper) product created, Opal cuts it down into customer rolls through its winder, which range from 600mm wide, all the way to 2.8m wide.

That paper then goes into Opal's finished product store for dispatching to its customers in Australia, North America and Asia.

50-tonne roll of paper produced at Opal's Mill.

Opal's BHS corrugator.

Opal cuts down its 50-tonne product into customer rolls through its winder, which range from 600mm wide, all the way to 2.8m wide.

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Efficiency, order accuracy and sustainability in quick service restaurants through linerless labelling by UPM Raflatac

Quick-service restaurants are known for their fast-paced environment where speed and efficiency are essential to success. One area where quick-service restaurants can benefit from increased efficiency is in their labeling processes. This is where linerless labels come in. Linerless labels are self-adhesive labels without release liner. Instead, you directly apply the label to the product or packaging, eliminating the need for a release liner.

The direct thermal linerless labels by UPM Raflatac provide you many benefits from improved operational efficiency and order accuracy, to tremendous sustainability impact!

Efficiency and Order Accuracy

- UPM Raflatac OpticutTM linerless offer print clarify and low adhesive build-up in your liner-free printer, preventing paper jamming and unexpected downtime.
- The OpticutTM linerless labels allow sticking, peeling, and re-labelling on different substrates of many packaging types available to restaurants.
- The OpticutTM linerless labels perform in various conditions, from hot, humid, to moist environments.
- Linerless labels come in flexible size and length, subject to customized label information with no material waste due to pre-cut.

Tremendous Sustainability Impact

- Using linerless brings up to a 40% reduction in material usage compared to traditional labels, which also means significant carbon reduction.
- UPM Raflatac linerless products carbon footprint calculation has been certified by the Carbon Trust against the PAS 2050 standard.
- UPM Raflatac linerless range is certified as a CarbonNeutral® product for the entire life cycle, which means that also you can promote the printed labels as carbon neutral.

Regardless of the size of your business, UPM Raflatac can support your transition to linerless, with linerless capacity exceeding 100 million meters and global distribution network.

Should you have any questions, feel free to reach us through: apac.marketing@upmraflatac.com

Find more: https://upmraflatac.showpad.com/share/xEV9z6rEuFLCTvcrOc8Hg

Fully automated: Beer can rejects emptying and pressing at Fiddlehead Brewing Company

In scenic Shelburne, Matt Cohen opened the Fiddlehead Brewing Co... in 2011 on just under 300 square meters. Fiddlehead now produces up to 10,000 cases of beer per week on a brewing area of over 3,000 square meters.

The brewery has set high goals for 2022: to produce 90,000 barrels of craft beer. To make this possible, Fiddlehead has made massive investments in production, streamlined production processes, and increased productivity. The goal is now within reach. At the heart of the brewery is the 60-barrel brewhouse and a 24-head rotary filler that fills up to 250 cans per minute.

During the canning process, it occasionally happens that cans are underfilled, overfilled, or otherwise out of spec. To meet the brewery's quality standards, these cans must be removed from the production line. In the past, company employees spent several hours per shift manually opening and pouring out beer cans.

This work was not only monotonous, but also costly and time-consuming.

"Efficiency is particularly important to us, but we also want our employees to enjoy their work. Emptying the cans was very time consuming and we knew there had to be a better solution for this process." Jon Moorer, Production Manager, Fiddlehead Brewing Company.

Fully automated: Beer can rejects emptying and pressing at Fiddlehead Brewing Company

With this task in mind, Fiddlehead reached out to WEIMA. Since the end of 2021, a drainage press of the type PUEHLER E.200 has now expanded the brewery's machinery. The press drains and compresses the beer cans that do not conform to specifications, while the employees can devote themselves to more urgent tasks. As a plug-and-play solution, the can press was quickly and easily integrated into the existing canning line.

Rejects are now automatically ejected from the conveyor belt, so that the rejected cans end up directly in the hopper of the E.200. However, manual loading is also possible at any time via the curved hopper. The cans are then compacted with the aid of the hydraulic press cylinder. A metal plate that can be moved down hydraulically serves as the pressing resistance. The drained beer flows through a screen into the drain pan and is then disposed of. The discharge pipe ejects the compressed discs with a diameter of 200 mm.

By integrating the PUEHLER E.200, Fiddlehead not only saves tedious manual labour, but also frees up valuable storage space. The aluminum cans in pressed form are also optimally usable for recycling. WEIMA is distributed in Australia by CEMAC technologies.

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MASTER OF FOOD & PACKAGING INNOVATION

The Master of Food and Packaging Innovation is an inter-disciplinary degree that explores food processing, entrepreneurship and innovation in product and packaging design at an advanced level.

AIP 60 YEARS 1963-2023

What's in it for me?

You will learn the skills necessary to develop valuable and innovative food products that address key issues such as transportability, durability, tamper proofing and perishability issues, as well as key environmental, economic, social and ethical factors.

This unique course forms part of a joint University of Melbourne and Australian Institute of Packaging (AIP) initiative. Industry is actively involved in this course, because the students want to cultivate the skills they require locally.

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