

## AIP WELCOMES WOOLCOOL AS LATEST NATIONAL PARTNER



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**T**he AIP would like to welcome our latest National partner Woolcool. Did you know that after much success in the UK and Europe, Woolcool is also available in Australia and New Zealand? Australian post-harvest supply chains can wreak havoc on temperature sensitive goods thanks to the vastness of our country and blistering summer temperatures and in some states, freezing winters.

Woolcool offers a unique and sustainable solution (in both box and pouch formats) to these challenges. Made from biodegradable and compostable felted sheep's wool sealed within a recyclable food grade wrap, Woolcool has simply borrowed from nature a way to keep cold products cold and hot products hot while also having the added benefit of a soft cushion to protect and safeguard products from bruising or breaking. Woolcool also protects the integrity of cardboard cartons from major changes in temperature and resultant condensation in the supply chain.

Woolcool has been scientifically proven to outperform polystyrene and has been proven to keep temperature sensitive goods below the all-important 5 degrees for at least 24 hours and longer ensuring product safety and perfect condition upon arrival to the destination.

Woolcool thermal liners can be customised to suit your individual sizing and branding requirements producing a highly individualised and bespoke packaging option for you!

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GROUP TODAY



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## AIP PARTNERS





**M**intel is inviting AIP Members and colleagues to download the free Global Food & Drink Trends 2018 report. A beautifully designed guide to the most compelling and category changing food and drink trends impacting the industry in the year ahead.

Shaped by collaboration between 60 of Mintel's expert analysts in more than a dozen countries and backed up with the latest consumer research, Mintel's Global Food & Drink Trends 2018 offer a comprehensive perspective on the momentum and forecast for food and drink markets in the next year and beyond.

Behind every trend is comprehensive consumer, market and competitive research, as well as in-depth analysis that just might unlock your next big idea.

#### DOWNLOAD YOUR COPY NOW TO FIND OUT:

What are the trends that will gain wider traction in your region and which are influential, but just on the fringe?

What will consumers determine is 'the next big thing' in food and drink in the months and years ahead?

Discover the major trends that are set to transform the food and drink landscape.

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## DON'T MISS OUT ON THE LATEST AIP ACTIVITIES FOR 2017

**ALL MEMBERS ARE INVITED TO ATTEND ANY EVENTS ACROSS AUSTRALIA & NEW ZEALAND**  
To register to attend any of the events simply email [info@aipack.com.au](mailto:info@aipack.com.au) or visit the events page on [www.aipack.com.au](http://www.aipack.com.au)

### FIBRE VALUE CHAIN 2017 CONFERENCE

VIC



**When: 14th-16th November**  
**Where:** Melbourne Convention & Exhibition Centre  
**What:** The 2017 event marks Appita's 70th year and will bring together association members and industry leaders from across the sector to celebrate this important milestone.

**AIP SPECIAL OFFER:**  
**AIP members can register at the Appita members rate. Please quote your AIP member number when registering.**

### VIC CHRISTMAS PARTY

VIC



**When: 22nd November**  
**Where:** Lord Cardigan Restaurant, Toorak  
**What:** Established in 2007 as the Lord Cardigan Restaurant is the brainchild of husband and wife team, John Singer and Dominique Bolger. As our VIC Annual Christmas Dinner 2017 theme is a 'White Christmas' all guests are invited to wear something white on the night! Be ready to participate in the Christmas Trivia and win the 2017 Trivia Award.

### ANNUAL AIP QLD XMAS FOODBANK HAMPER PACKING EVENT

QLD



**When: 1st December**  
**Where:** Eagle Farm Race Track  
**What:** **1000 Reasons why you need to help in 2017** The Australian Institute of Packaging (AIP), the Australian Packaging & Processing Machinery Association (APPMA), the Supply Chain & Logistics Association of Australia (SCLAA) and the QLD Supply Chain and Logistics Conference (QSCLC) spent their Christmas Party for the sixth year with a twist. In 2016 the Members packed over 1100 hampers for Foodbank to provide to those in need during the holiday season. Come and help pack over 100 hampers in 2017



AUSTRALIAN INSTITUTE  
OF PACKAGING

## Join us on the Gold Coast

AIP NATIONAL CONFERENCE

**2&3 MAY 2018**



PROUDLY  
HOSTED BY



AUSTRALIAN INSTITUTE  
OF PACKAGING

## Join us on the Gold Coast

WORLDSTAR PACKAGING AWARDS

**2 MAY 2018**

*To be held alongside the 2018 AIP National Conference*



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Australian Packaging and Processing  
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towards sustainable packaging

## Join us on the Gold Coast

2018 PACKAGING & PROCESSING  
INNOVATION & DESIGN AWARDS

**2 MAY 2018**

*To be held alongside the 2018 AIP National Conference*



**PIDA**  
PACKAGING & PROCESSING  
INNOVATION & DESIGN  
AWARDS 2018



# PACKAGING GLOBALISATION



**2 & 3 MAY 2018**  
**AIP NATIONAL CONFERENCE**

**MARRIOTT RESORT SURFERS PARADISE**  
**QUEENSLAND, AUSTRALIA**

**CALL FOR SPEAKERS**

**YOU ARE INVITED TO SUBMIT AN ABSTRACT FOR CONSIDERATION  
UNDER THE THEME PACKAGING GLOBALISATION**

**DEADLINE FOR ABSTRACT: 17TH NOVEMBER 2017**

#### MEDIA PARTNERS



#### SILVER PARTNER

**UPM RAFLATAC**



#### PLATINUM PARTNERS



#### BRONZE PARTNERS



**DESTINATION  
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**A PACKAGING & PROCESSING WEEK EVENT**



AUSTRALIAN INSTITUTE  
OF PACKAGING

# 2018 AIP NATIONAL CONFERENCE 2&3 MAY

## CALL FOR SPEAKERS: DEADLINE 17 NOVEMBER



## 2018 CALL FOR SPEAKERS

The Australian Institute of Packaging (AIP) is currently at the planning stage of the 2018 National Conference that will be held at Marriott Resort Surfers Paradise, Queensland on 2nd and 3rd of May. Following a number of highly successful conferences, the 2018 AIP National Conference will be designed to deliver a two-day educational program that will cover a broad range of topics relating to the theme **PACKAGING GLOBALISATION**.

The 2018 AIP National Conference **PACKAGING GLOBALISATION** will attract delegates from all facets of the packaging industry including packaging technologists, packaging designers and engineers, sustainability managers, marketing, sales, production, design agencies and much more. to equipment suppliers, raw material providers, users of packaging, retailers and consumers.

### LIST OF RECOMMENDED TOPICS

A list of topic areas are included below for your consideration. These topics should be considered from the point of view of technical, environmental and consumer issues. This list is not limiting and any additional ideas would be welcomed. The AIP intend to break the conference predominantly into breakout sessions after the opening and keynote presentations, to ensure that a diverse range of issues and topics are covered over the two days. The AIP is looking for a broad range of speakers from all areas of the packaging industry to ensure that the National Conference offers something for everyone.

### TOPIC SUGGESTIONS

The AIP National Conference Programming Committee is looking for presentations and papers under the theme **PACKAGING GLOBALISATION** and incorporating case studies and real-life applications from end-users is strongly encouraged. Please ensure that your paper is delivered at a high-technical level, incorporating case studies and application stories.

Suggested Topics:

1. Global Trends in Labelling
2. Latest Trends in Private Labels
3. Nanotechnology in packaging
4. Augmented and Virtual Reality
5. Vacuum packaging innovations
6. Better Understanding BlockChain
7. Disruptive and dynamic packaging
8. Understanding the Circular Economy
9. Latest Trends in Robotics & Automation
10. Latest Global Packaging Design Trends
11. What is new in the world of packaging?
12. Latest trends in MAP and Skin Packaging
13. Latest Innovations and award winning trends in Ease-of-Opening designs.
14. Understanding Packaging Recyclability: What is the world collectively achieving?
15. Innovative digital printing for packaging
16. Global Food Waste Strategies & Programs
17. Save Food Packaging Trends and Designs
18. Latest Updates in Country of Origin Labelling
19. Artificial Intelligence and its role in packaging
20. Global Trends in Serialisation & Authentication
21. Global Trends in Active & Intelligent Packaging
22. Global Sustainable Packaging Trends & Innovations
23. The Latest in 3D Printing for the packaging industry
24. Latest Trends in Product Stewardship: Global Examples
25. The importance of Packaging in the Food Waste Debate
26. Latest packaging innovations to extend shelf life

**THE TIMING OF ABSTRACTS AND PAPERS IS AS FOLLOWS (PLEASE ADHERE TO THE DATES):**

**DEADLINE FOR ABSTRACT: 17TH NOVEMBER.**  
**SPEAKERS NOTIFIED: BY LATE DECEMBER 2017.**

**[CLICK HERE TO ACCESS THE CALL FOR PAPERS](#)**

# AIP LAUNCHES NEW INFLUENTIAL WOMEN MENTORING PROGRAM FOR 2018



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**INFLUENTIAL**

Reframe your mindset. Focus your strengths. Become influential.



**IF YOU WANT TO INCREASE YOUR CONVICTION, MAKE AN IMPACT AND UNLOCK YOUR LEADERSHIP POTENTIAL, THEN YOU HAVE COME TO THE RIGHT PLACE!**

**THE AUSTRALIAN INSTITUTE OF PACKAGING (AIP) & BELINDA BROSAN  
HAVE PARTNERED TO DELIVER THE  
2018 INDUSTRY MENTORING PROGRAM DESIGNED FOR WOMEN**

**WE'RE STANDING IN YOUR CORNER, READY TO SUPPORT YOUR SUCCESS**

**The great news is that AIP Influential Women program will connect you to women in the packaging industry, using the latest technology no matter where you are located!**

This program isn't about being perfect – it's about making progress and growing in your career together. It is about knowing which levers to adjust to be influential and learning along the way.

## SO HOW DOES THE PROGRAM WORK?

1. Sign up for the AIP Influential Women Mentoring Program.
2. Receive your AIP Influential Women welcome pack & access to the AIP Influential Women Mentoring Program on-line course site featuring videos, resources, worksheets.
3. Program launch (Webcast Call where you can see the other participants and connect from your phone or laptop using Zoom).
4. Fortnightly webcast calls and interaction – participate, share and learn.
5. Connection with a packaging industry 'peer group'.
6. Private LinkedIn group and SLACK channel for all participants to connect and network.

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for 18 CPP  
Points





# AIP LAUNCHES NEW INFLUENTIAL WOMEN MENTORING PROGRAM FOR 2018

**IF YOU ARE A WOMAN IN THE INDUSTRY WANTING TO GROW YOUR CAREER POTENTIAL THEN THIS PROGRAM IS FOR YOU!**

## YOU WILL RECEIVE...

- Welcome pack including printed workbook & Gallup Strengths Leadership book.
- Gallup Strengths Top 5 Assessment – discover your unique talents!
- 9 modules with videos, extensive resources and worksheets, all accessible at your own pace.
- Connection to other participants and shared learning.
- Comprehensive resources to further support module content.
- Nine fortnightly webcasts with Belinda Brosnan and guest speakers from the packaging industry.



*Belinda Brosnan, program facilitator and Telstra Business Women's Award Winner QLD for Start Up 2015*

## LEARNING OUTCOMES:

Unlock your career possibilities and increase your conviction so you can stop playing small and reach your true potential with the support of others. Participants will learn how to:

- Develop their talents and find a leadership style that is authentic to them.
- Surround themselves with a tribe of like-minded people wanting to amplify influence.
- Have the right mindset for amplifying influence and regulating limiting self-talk.
- Get clear on their values and how they impact decision making, relationships and the ability to get things done.
- Position themselves as a leader in the industry that has influence and impact.
- Improve their presence and ability to gain the buy-in of peers, leaders and stakeholders.
- Diversify their networks and sure up their ability to 'future-proof' their career.
- Have the confidence to speak up at the table and be heard.

## EACH MODULE COVERS THE FOLLOWING AREAS:

### MODULE 1 STRENGTHS:

Using Gallup Strengths, discover your talents & how best to increase performance, productivity and passion at work.

### MODULE 2 TRIBES:

Ensure you have the support network you need as you learn and grow. Learn to set boundaries, whilst lifting each other up.

### MODULE 3 MINDSET:

Learn to master your mindset.

### MODULE 4 VALUES:

Gain clarity on your values.

### MODULE 5 STAKEHOLDERS:

Be strategic in navigating and nurturing stakeholders that impact your career. Get clear on your positioning or personal brand, so you raise your visibility in a way that is authentic and doesn't feel fake.

### MODULE 6 POSITIONING:

### MODULE 7 PRESENCE:

How to grow your gravitas and conviction – that perception that you deserve to be in charge!

### MODULE 8 NETWORKS:

Explore building a diverse network to future proof your career.

### MODULE 9 INFLUENCE:

Your plan to ensure you have the foundations for influence and buy-in as you advance in your career.

**AIP INFLUENTIAL WOMEN MENTORING PROGRAM COMMENCES IN FEBRUARY 2018. THE AIP IS OFFERING AN EARLY BIRD DISCOUNT TO REGISTRATIONS RECEIVED BEFORE THE 29TH OF NOVEMBER.**

**TO ACCESS THE COSTINGS AND  
REGISTRATION FORM PLEASE CLICK HERE**



**women<sup>TM</sup>**  
**INFLUENTIAL**  
Reframe your mindset. Focus your strengths. Become influential.



**If you are interested in applying for the Master of Food and Packaging Innovation course the 2018 Intake is now open with enrolments closing on the 30 of November.** The Master of Food and Packaging Innovation is an inter-disciplinary degree that explores food processing, entrepreneurship and innovation in product and packaging design at an advanced level. The Master course is a joint initiative between the University of Melbourne and the AIP.

- Enhance your business acumen and creativity to lead the way in food design.
- Learn the food science fundamentals of food processing, safety and quality.
- Analyse innovative food product and packaging design, from concept to delivery.
- Gain complementary business skills in project management, creative and critical thinking, value creation, entrepreneurship and leadership.
- Investigate key industry research topics and their practical application in commercial settings.
- Undertake an industry internship with a leading food manufacture.

## 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.

## Meet the demands of a booming industry

Over the next 40 years, the world will need to produce 50% more food to feed a rapidly increasing world population. As a graduate of the Master of Food and Packaging Innovation, you will be part of addressing this demand. 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 they want to cultivate the skills they require locally.

## Internship opportunities

Students can choose to undertake an internship as part of the Master of Food and Packaging Innovation includes an internship subject. This unique placement opportunity, provides access to some of Australia's most well-known brands and state-of-the-art facilities. The placement may include access to leading manufacturing sites in packaging and innovation.

## Learning outcomes

- A comprehensive understanding of inter-disciplinary food processing, product, innovation, entrepreneurship and packaging at an advanced level.
- Cognitive, technical and creative skills necessary to play a key role within food companies and associated organisations.
- Advanced knowledge and skills in the interdisciplinary field of food, food packaging and design innovation.
- Demonstrate a critical understanding of environment, economic, social and ethical factors related to food production and packaging in Australia and globally.
- Enhance theoretical and critical thinking skills to analyse and problem solve complex issues relating to food production and packaging.

## DEGREE STRUCTURE

The Master of Food and Packaging Innovation is flexibly delivered via a combination of evening and intensive block-release classes as well as traditional semester based subjects. Classes are taught across the Faculty of Veterinary and Agricultural Sciences, the Faculty of Business and Economics, the Melbourne School of Engineering, and the Melbourne Graduate School of Science as well as guest lectures by industry experts provide by the Australian Institute of Packaging (AIP).

## SPECIALISE IN YOUR SPECIFIC AREA OF INTEREST

The course involves lectures and site visits that enhance learning as well as an optional research project. Choose from a range of electives, to tailor the course to suit your specific interests. For further information including entry requirements, degree structure, fees and applications please visit <http://aipack.com.au/education/master-of-food-and-packaging-innovation/> or email [educate@aipack.com.au](mailto:educate@aipack.com.au)

## 2018 INTAKE APPLICATION CLOSING DATES

Semester 1 (February) entry: 30 November

## LATE APPLICATIONS

Late applications may be accepted provided if places are still available. Students are advised to apply as early as possible to ensure timely course enrolment.

For more information email [educate@aipack.com.au](mailto:educate@aipack.com.au)





## MFPI INTERNSHIPS FOR INDUSTRY



### INTERNSHIP TO EMPLOYMENT: BRINGING FRESH EYES TO THE WORKPLACE

**A**n internship is an opportunity for both the company and the individual intern. That has been the lesson for both Lisa Boyle, a senior scientist in Mondelez Australia's Consumer Science division and her intern-turned-employee, Mei Kuang. "Mei was very keen to learn and open to the opportunity of working with Mondelez, which was great," Lisa said. "She brought a fresh set of eyes and an enthusiastic approach to the projects that she worked on with the Consumer Science and broader Research and Development teams. Mei offered some great ideas and a different perspective based on applying her skills from her university course."

Mei was studying the Master of Food and Packaging Innovation at the University of Melbourne. The degree was designed with industry partners the Australian Institute of Packaging (AIP). The course spans the research and development product pipeline, from concept to production,

with teaching by industry professionals and an internship program. Mei chose the course on the recommendation of one of her lecturers, who said the internship would be a useful stepping-stone into the food industry. She interviewed with a pair of companies before she took a three-month internship offer from Mondelez Australia's Consumer Science team; Mei had already completed a research project on sensory analysis and a consumer survey of Victorian wine.

"I think that got them interested in me, that I had a bit of experience in sensory science," she said. Once she started, she applied what she had learned in sensory science, food chemistry and validation of new products. People who graduate from our course have knowledge of a broad area...we are not specialists in food science, business or packaging, but we have knowledge of all three," she said.

"I was able to learn on my own much of the time and gain a lot of hands-on experience with coaching from my team. You learn much faster that way," Mei said this breadth allows students to develop their skills in the workplace. Lisa said training a new team member and sharing their knowledge and experience were positives for her team. During her time working with us we aimed to provide Mei with an understanding of the type of work that we do within Consumer Science and how this adds value to the broader business," Lisa said. "Mei worked on two very different projects and had the opportunity to see other Consumer Science work in action to help provide this context."

The internship also allowed the Mondelez team to see how Mei performed in the workplace: when Mei applied for a position at Mondelez, they had already seen her working style and ability to perform under the day-to-day pressures of the role. "You don't necessarily get to see how people work from the interview process. The internship was a great opportunity to set Mei some goals and objectives and see how she approached the tasks and worked within the team environment." Lisa said internship was a great opportunity for both the intern and the company.

"It gives the interns the opportunity to get a foot in the door and provide a realistic view of what working in a large organisation is like. It is always great to get a new perspective and someone who's keen to apply their freshly-learned skills in a business context. So there is definitely value to be gained from both sides through the internship program."

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# PACKAGING TECHNOLOGY TRAINING IN ITALY

Written by Prof Pierre Pienaar FAIP, CPP, Education Director



*The top two students obtaining excellent marks in their oral examinations*

*Pierre Pienaar with Marco Sachet, Managing Director of the Italian Institute of Packaging*

**T**his Packaging Technology training course offered by the World Packaging Organisation (WPO), in conjunction with the Istituto Imballaggio Italiano (III) and the Australian Institute of Packaging (AIP), took place in Milan in early October 2017. This followed last year successful training program in Milan, thanks to Marco Sachet and his team.

The aim of the training was to equip participants with greater in-depth English packaging knowledge in order for them to tackle the challenges facing the packaging industry in their current environment and to prepare them for the competitive advantages emerging in the European Economic Community market. This WPO Packaging Technology intensive training course serves to grow participants' confidence in packaging capabilities, providing a level of insight and understanding of the packaging industry that adds real and measurable value to careers and businesses.

It was a wonderful week of learning and sharing of experiences and challenges for all participants. Once again, the desire and the need for greater knowledge and up-to-date expertise in the science and technology of packaging were clearly evident. By far the majority of the students present were graduates in some field or other but their careers had found them associated with the packaging industry where they either felt overwhelmed or under-qualified or, by their own admission after training, in a new situation where they discovered that they "never knew what they didn't know!"

All were enthusiastic with their new found English knowledge. They were confident that their learning would make a significant difference in their work place and in future decisions especially those that interface in English, with suppliers and customers. I was duly impressed with their oral exam results on the final day where each student was presented with a technical packaging scenario and had to explain to the class what they would do in resolving the matter in their second language, English.

The participants were from varying packaging fields, such as converters in flexibles, and users in food packaging. They soon found how to tackle and solve practical packaging issues relating to their own workplace, especially in the field of saving food. The ongoing aim of this teaching and learning is to equip more and more people with a better understanding of the impact, the effects and the power of appropriate packaging. The ubiquitous pack can be a friend or a foe but with greater knowledge on its role from design to reuse, our world could solve many of its problems. The future of packaging and education in this field is exciting.







*Packaging Technology training delegates Sept 2017 Sechuan University*

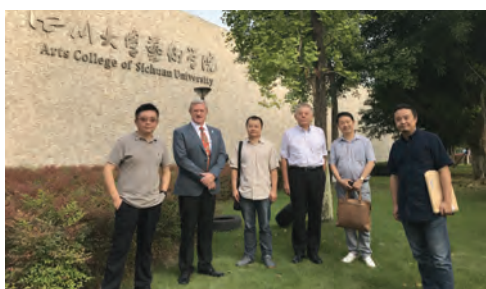
**A** year later the AIP, supported by the WPO and CEPI (China National Export Commodities Packaging Research Institute, full member of WPO) was back in China to train. There were 54 attendees, made up from industry as well as academia (lecturers) from various universities in China involved in Packaging Design or Packaging Graphics. We used the facilities of a Sechuan University, in Chengdu. Chengdu, the home to 15 million people is situated in south western China, famously known for the panda bears. This university offers a 4 year under graduate degree in Packaging Design through their Arts Department and is considered to be number 8 in the top universities in China. It has 80 000 students and the university is 126 years in age.

More than ever before it was evident that there is a need as well as a desire for many across the globe to learn more in the science and technology of packaging. It was an exciting packaging training week in Chengdu. The students were eager to learn and we fortunately had access to a professional Chinese / English translator, which made lecturing so much easier. Mr Rainer Yu, was especially good with speed as well as the technical aspects and conveying to the trainees correctly and accurately in an understandable way. The standard of students' ability to grasp the information was high and feedback was good. The university was most supportive in offering their facilities and are keen to welcome the WPO back next year. The University during the week conferred Pierre Pienaar as an Associate Professor in Packaging Engineering and Technology.

Although this recent Packaging Technology training covered the entire spectrum of packaging technology, the students seemed very keen to learn as much as they could regarding the materials of packaging and in particular laminates as well as what their packaging counterparts were doing in other countries and how they can improve packaging of foodstuffs to reduce wastage. There were numerous questions and discussions regarding the interface between graphics in packaging and packaging materials and how best to integrate them both to seek the ultimate for both aspects.

As part of the training program, we visited a state of the art glass manufacturing company, as well as one of China's largest and up-to-date board printing facilities. This proved really fascinating as the trainees were keen to see and experience first-hand where they could apply what they were learning in lectures.

A special word of thanks to Sabrina Zhao Yuan for an excellent job of taking the reins and making it happen, well organised and superb attention to detail. I foresee a huge opportunity in China for the AIP/WPO to work with CEPI in not only training more people from industry in the topic of packaging but to enhance the growth opportunity and develop packaging to ensure a better quality of life through better packaging for more people.



*Lecturing staff from Packaging Design Dept*



*Sabrina Zhao Yuan and Pierre Pienaar*





**Compression Blow Fill (CBF) Machine**

**A** leading Chinese Dairy company in the high growth dairy sector has purchased a further two CBF (Compression Blow Forming) systems to produce Aseptic PE bottles. Following an in-depth analysis comparing extrusion blow moulding, the traditional manufacturing platform for dairy containers, the company who is ranked in the top 10 global dairy companies by size, chose SACMI CBF to produce the container for their pasteurised product.

The benefits of CBF were; reduced cycle time to 7 seconds, a container weight of 15.5 gm compared to 19 gm for traditional EBM (Extrusion Blow Moulding), zero scrap (eliminating the potential for contamination), and lower energy costs. The customer's investment decision was determined not just by the anticipated boost in productivity and the lower container weight, but also process repeatability and improvement in container quality, particularly in the neck finish sealing area.

Another benefit compared to traditional EBM manufacture was the elimination of the internal sealing beads (weld lines) which means greater resistance to the elevated temperatures and pressures typical of the pasteurisation processes. The SACMI Group is represented in Oceania by HBM Plastics Technologies.

For further information contact

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- CPP<sup>®</sup> recognises the designation as a commitment to excellence in the packaging profession.
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