



ASEAN Plastic Packaging Manufacturing Summit - Digital Transformation and Circular Economy

- Industry 4.0 | Sustainable packaging | Packaging technologies innovation | Digital transformation | Smart packaging technology
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PLASTIC PACKAGING DEMAND AND DIGITAL TRANSFORMATION TO CREATE A CIRCULAR ECONOMY FUTURE

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The Southeast Asian packaging market will benefit from the macroeconomic trend and will usher in rapid growth within next few years

Based on revenue, Thailand, Indonesia, Vietnam, and Philippines packaging industries are expected to grow at a CAGR of 6.2% between 2019 – 2024, higher than previous year between 2014 – 2018, at a CAGR of 4.8%.

Industry 4.0 has become an indispensable development technology in future manufacturing. Especially after the epidemic, the transformation of production has directly affected all industries due to the need to avoid more contact between people. Plastics have been inseparable from people's lives. Under the influence of the global epidemic, coupled with the sustainability of the circular economy, packaging production and innovation are highly valued. Implementation to intelligence and automation to packaging production, emphasize the importance of packaging sustainability, and how manufacturers value their own processing capabilities, are the key points that need to be considered in the post-emotional era.

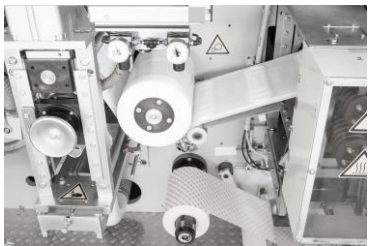
Organized by Ringier Events, **ASEAN Plastic Packaging Manufacturing Summit - Digital Transformation and Circular Economy** (APPT) will continue the successful experience from the previous year and has won unanimous praise from the majority of participants. The 2021 ASEAN Plastic Summit will continue to invite food and beverage manufacturers, plastic packaging manufacturers, and personal care packaging manufacturers from Southeast Asia, Japan, South Korea, Australia, New Zealand, India and other countries on the basis of ensuring high specifications and a strong line up. Cosmetics manufacturers, transportation packaging, various plastic packaging manufacturers, plastic recycling and plastic-related industry personnel gathered at Ringier virtual conference platform to discuss plastic material innovation/packaging technology/intelligent manufacturing/sustainability/recycling The collision and fusion of economics/plastic recycling. Industry leaders and plastics & packaging experts interpret industry trends, innovative technologies, and clinical practices to promote industry development.

ASEAN market packaging overview

The main potential drivers include the acceleration of urbanization, the growth of the middle-class population and other demographic changes, which have led to the reduction of household size, rapid increase in food delivery applications, increased demand for packaged food and beverages, and consumer habits shifting to Omni channel shopping , Environmental and health awareness and other trends.

Trend expected to drive the overall growth of packaging industries over the next years :

- Rising urbanization in the region has brought favourable changes to the demographic structure and related changes in lifestyles, leading to more people entering the middle class, higher disposable incomes and higher levels of consumption expenditure.
- Consumers increasingly focuses more on sustainable products, as a key factor that played a role in the growth of paper packaging solutions and other alternatives such as cellulose. The region's awareness of single-use plastic pollution is increasing, and the government has adopted a number of measures and policies to improve recyclability and solve the problems surrounding the unsustainable use of plastics.
- The growth of e-commerce and Omni-channel sales models is one of the most important reasons for the growth of the packaging market in this region. Urbanization has caused people to spend more time commuting and working, thereby reducing the time spent on purchasing daily necessities and other products. This increases the penetration rate of smartphones and digitalization have also promoted the use of e-commerce platforms. The advantage of being able to order products through the e-commerce platform provides a high degree of convenience, which is the main factor leading to the growth of the e-commerce market in addition to discounted prices.
- Other factors that will stimulate the growth of packaging in the region include higher demand for imported catering products due to higher disposable income and product awareness, and stricter food safety regulations will have a positive impact on the quality of packaging solutions. Demand for more SKUs in the same product and increased use of ready-to-eat or out-of-home dining items. On the other hand, environmental policy, resource scarcity and regional competition are some of the main challenges faced by some participants.
- Due to high demand in end-user fields such as catering packaging, consumer product packaging, and industrial packaging, the revenue of various packaging solutions in 2018 totalled approximately US\$51 billion. The e-commerce industry that spans above the industries is one of the most important drivers to the packaging market




With the implementation of correct policies and the transition from plastic packaging to paper packaging, per capita paper consumption of the packaging industry in the region will grow rapidly in the next five to ten years. Like paper packaging, the region lags behind Japan, South Korea, the United States, Germany and neighbouring China in terms of per capita consumption. The per capita consumption of plastic packaging in Indonesia and the Philippines is about four times that of China, while the per capita consumption of plastic packaging in Thailand is about four times that of South Korea. South Korea, Japan, the United States, Germany and other countries are considered developed countries. The economic growth of Southeast Asian countries in the next few years indicates the growth potential of plastic packaging, and the strong growth of per capita consumption will affect the growth trend of plastic packaging.




Attendees Type

- Food & beverage manufacturers
- Personal care & cosmetic packaging manufacturers
- Packaging films manufacturers
- Plastic recycling processing manufacturers
- Plastic packaging Box
- Manufacturer of plastic bottles (including caps)
- Government & associations

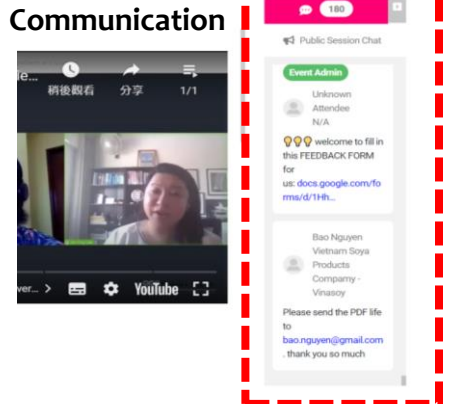
Conference Highlight



Q&A Online Forum
Interact with your potential client after the presentations for with further personal meeting




Diversified way to communicate
Have an online 1 on 1 conversations with your potential clients



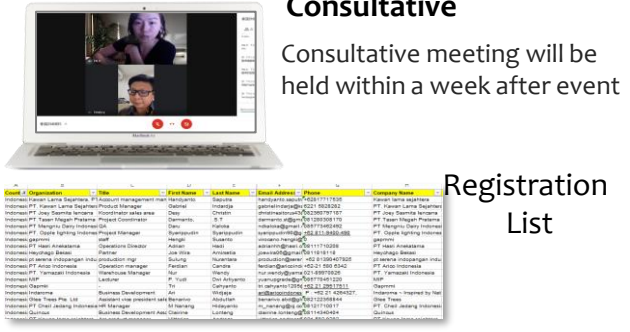
Communication
Interactive messages towards you clients

Attendees by Title

- Director / General Manager / CEO
- Vice President / Deputy General Manager
- Purchasing / Productions Managers
- R&D / QA Managers
- Project Supervisor / Engineer
- Marketing / Sales



Experts
Over 200+ guests and researchers will be attending this conference




Consultative
Consultative meeting will be held within a week after event

Registration List

Ringier provides you in-depth post event service with registration list and more..

Order #	Organization	Name	First Name	Last Name	Email Address	Phone	Company Name
1	ASEAN Food and Beverage Ingredients Summit	Mr. Brandon Lin	Brandon	Lin	brandonlin@ringier.com.hk	+86 21 3333 3333	Ringier Events
2	ASEAN Food and Beverage Ingredients Summit	Ms. Kelly Tan	Kelly	Tan	kellytan@ringier.com.hk	+86 21 3333 3333	Ringier Events
3	ASEAN Food and Beverage Ingredients Summit	Mr. John Doe	John	Doe	john.doe@company.com	+86 21 3333 3333	Company Name



Online booth
Get updated with the latest product and technologies displayed



Sponsor types

- Plastic additives suppliers
- Raw plastic material supplier
- Injection molding machine
- Multilayer film machinery
- Bag blowing machine
- Extrusion machinery
- Plastic auxiliary machine
- Plastic recycling
- Packaging material supplier
- Intelligent system technology supplier
- IOT - Software programmer
- Automated feeding & sorting machine
- Automated feeding packaging machine
- Filling machine
- Packaging forming machine
- Vacuum, sealing machine
- MAP packaging machinery
- Packaging machinery
- Automated feeder
- Date printer
- Mechanical arm
- Sleeve labeling machine

Proposed Invited Associations

Indonesia Packaging Federation	The Indonesian Packaging Federation (IPF) is a business association in Indonesia, a non-profit, non-governmental packaging industry organization, established on August 13, 1977. IPF is a member of Asian Packaging Federation (APF) and World Packaging Organization (WPO)
Vietnam Packaging Association	VINPAS is a professional social organization of manufacturers, research and management business has always been related to the field of direct and indirect packaging.
Indonesian F&B Association	GAPMMI was established on April 15, 1976, based on the recognition of the importance of promoting world food business in Indonesia. As a business association, GAPMMI develops programs that benefit members
Thailand Plastic Association	Representatives of the Thai plastics industry, working with the government, academic institutions, associations and other private sectors to maximize the development of the industry
Philippines Plastic Industry Association	The Philippine Plastics Industry Association (PPIA) is the primary voice of the local downstream plastics industry.
Philippines Chamber of Food Manufacturers Inc	Leading professional organization of high-quality experts in food science and technology in the Philippines, contributing to the development of the country
FFA	Food and Food Ingredients Manufacturing Association. The association is a non-governmental organization that represents food and food processing companies in Ho Chi Minh City (more than 50% of its members work in the food field, such as sauces-spices, seafood, agricultural products, beverages-beverages, sweets, etc.)
Malaysia Plastic Manufacturers Association	MPMA is the official spokesperson of the Malaysian plastics industry, representing its members and the industry in participating in government interactions, providing a platform to help members become globally competitive and leading the development of the plastics industry.
Indonesian Plastic Recyclers	Indonesia Plastic Recyclers is a business association that provides business participants with a good development opportunity in the field of plastic recycling in Indonesia



ASEAN market demand

Intelligent & Automated Transformation

- Processing and production monitoring software – how they affect factory operations
- Intelligent electronic monitoring
- Production and application of robotic arms
- Practical cases of collaborative robots for material handling
- Plastic Packaging Smart Factory
- The breakthrough of 5G and the Internet of Things for plastic packaging manufacturing
- Predictive maintenance and remote monitoring tools to ensure the effective operation of the plant
- How to use big data for plastic packaging manufacturing
- Technical Discussion on Integration of Intelligent System
- Plastic packaging manufacturing – How to use the integrated technology manufacturing of Industry 4.0
- Intelligent technology and processing and application of plastic raw materials

Packaging Production

- Packaging applications for specialty and high-performance films
- Stretch film production with specific properties required by each major application: explore thinning opportunities without sacrificing performance
- Advanced multilayer film extrusion production line
- Its advantages customize barrier film solutions to improve moisture and oxygen barrier performance
- Mass injection moulding production system and its advantages
- Integrate additive manufacturing into injection moulding operations
- Advanced design and simulation of injection moulded products
- Digital transformation of production process under Industry 4.0RPET/recycled plastic for sustainable production of bottles
- Innovation of auxiliary equipment and robots and their impact on productivity
- Remote monitoring system for injection unit
- Cost-effective plant operation through smart process cooling

Packaging technology innovation











- ❖ Continuous and efficient sleeve labelling automation
- ❖ Automated packaging solutions can help various industries to increase packaging production capacity
- ❖ Packaging innovation-testing, box folding, labelling, packaging, boxing and stable packaging technology
- ❖ Breakthrough in the use of robotic arms in automated strapping machines
- ❖ How the sensor can more accurately assist the packaging without stopping
- ❖ Sustainable production, new beverage production line from manufacturing to filling
- ❖ Vacuum packaging/MAP packaging technology for high-speed and stable production
- ❖ Innovative packaging technology-automatic filling
- ❖ Automatic feeding and fixed weight packaging machinery
- ❖ Automated sealing technology
- ❖ Forming packaging technology
- ❖ Efficient automation of printing technology

Recycling technology and circular economy

- Packaging recycling automatic sorting technology
- Innovative plastic recycling packaging material
- New plastic recycling technology
- Sensors are used in colour sorting technology for plastic recycling
- High-speed recycling of material sorting
- Recyclable plastic packaging material
- rPET's innovative plastic bottles
- Repackaging of recycled materials
- How double injection moulding improves the brand new packaging of recycled plastics
- The importance of automatic filters for plastic recycling




















Invited delegates

Company	Introduction
 <p>YS GROUP RESOURCES (5A0273417-W)</p>	<p>YS Packaging film</p> <p>Various tapes such as OPP tape, OPP printing tape, masking tape, etc. have a strong foothold, and we also have protective packaging films, such as stretch film machine rolls, stretch film hand rolls, stretch film baby rolls And bubble film etc.</p>
 <p>STENTA GROUP Packaging of tomorrow for today</p>	<p>Stenta Multifilms Sdn Bhd</p> <p>Stenta Group is one of the leading flexible packaging film manufacturers of biaxially oriented polypropylene film (BOPP) and linear low density polyethylene film (LLDPE). It produces various quality BOPP films and LLDPE films for various applications in food, beverage, pharmaceutical, medical, surgical gloves and FMCG packaging. The company also owns a sister company PT Argha Karya Prima Industry Tbk in Indonesia.</p>
 <p>POLYPLEX</p>	<p>Polyplex (Thailand) PCL</p> <p>Polyplex Group (Polyplex) has the world's sixth largest production capacity of polyester (PET) film. Our diversified business portfolio also includes BOPP, blown PP/PE and CPP films, which are produced by advanced factories with economic scale.</p>
 <p>intraco pallet[®] An order of Power & Performance™</p>	<p>See Hau Global Sdn Bhd</p> <p>Malaysia's leading manufacturer and seller of high-quality plastic pallets. Today, the total annual production capacity is close to 1.5 million pieces, making the company the largest manufacturer in Malaysia and the region.</p>
 <p>aom</p>	<p>PT. Aomindo</p> <p>Plastic bag and plastic film manufacturer</p>
 <p>TOP GLOVE TOP QUALITY, TOP EFFICIENCY</p>	<p>Top Glove Engineering Sdn Bhd</p> <p>Top Glove Corporation Bhd is the largest glove manufacturer in the world. Provides a wide range of products, now including a non-glove part, including condoms, masks, dental dams, sports belts and household products, which can meet the needs of medical care and non-medical care.</p>
 <p>AN PHAT HOLDINGS</p>	<p>An Phat Holdings</p> <p>Bai Holding Group is one of the leading groups in the production of high-tech and environmentally friendly plastics in Southeast Asia. Main products: AnEco compostable products and AnBio compounds, packaging, engineering plastics and building materials plastics, precision engineering and molding, raw materials and chemicals for the plastics industry, industrial real estate</p>
 <p>INTERFLEX[®] SEJAHTERA PERDANA</p>	<p>PT Interflex Sejahtera Perdana</p> <p>We are a company specializing in shrink label packaging and gravure printing. We provide a complete stretch sleeve, shrink sleeve and OPP roll label market.</p>
 <p>PT. ANTA TIRTA KARISMA</p>	<p>PT ANTA TIRTA KARISMA</p> <p>Flexible packaging = polyethylene (PE) multilayer film. Rigid packaging=Professional knowledge in the molding field and equipped with a 3D printer. Mainly in the experience and expertise in injection molding, injection blow molding and blow molding technology</p>
 <p>ALBÉA packaging and more</p>	<p>PT Techpack Asia</p> <p>Indonesia Albéa, the world's number one wholesaler of halal cosmetic packaging. We provide various types of halal packaging, including powder boxes, lipsticks, lip balm, bottles, tubes, cans, compact boxes, pumps, beauty accessories, formula milk powder, etc.</p>
 <p>EXDAWN PACKAGING SOLUTION</p>	<p>EXDAWN Packaging Solution</p> <p>EXDAWN Co. was established in South Korea and is the exclusive sales distributor of RESPACK MANUFACTURING SDN BHD in Malaysia. It aims to promote the sales and management of customers and the synergy of high quality and well-managed suppliers through EXDAWN. Our main products are flexible packaging, green packaging, oxygen-degradable packaging and stretch</p>



Invited delegates

Company	Introduction
	<p>Nestlé Vietnam</p> <p>Nestlé has 6 factories and nearly 2,300 employees in Vietnam (the top ten food and beverage manufacturers in Southeast Asia)</p>
	<p>Fonterra</p> <p>Dairy product is the number one adult dairy product in Indonesia. It is a world-renowned dairy supplier, and its sub-brands are all familiar brands</p>
	<p>PT Amertaindah Otsuka</p> <p>Pocari Sweat     (Top ten food and beverage manufacturers in Indonesia)</p>
	<p>URC</p> <p>Global Robina Group mainly produces biscuits; beverages; casual snacks; it is a successful and successful multinational food and beverage group in the Philippines. The conference was registered by the branches of the Philippines, Vietnam, Malaysia, Indonesia, and China (the top ten food and beverage manufacturers in the Philippines)</p>
	<p>Monde Nissin Corporation</p> <p>Noodles, biscuits, baked goods, wafers (top ten food and beverage manufacturers in the Philippines)</p>
	<p>Heineken Vietnam Brewery Ltd.</p> <p>Vietnam Heineken is a subsidiary of Heineken, the world's most international beer brewer. The family business originated in the Netherlands and has a history of more than 150 years, brewing and distributing more than 300 beer and cider brands in more than 190 countries/regions. (The top three food and beverage manufacturers in Vietnam)</p>
	<p>Dole Phils, Inc</p> <p>Produce fresh and processed pineapples for export markets</p>
	<p>Pt. Kao Indonesia</p> <p>Home care, beauty care, napkins, diapers</p>
	<p>Jollibee Foods Corporation</p> <p>Jollibee is the largest fast food chain brand in the Philippines, operating more than 1,400 stores. Jollibee is the main market leader in the Philippines, with the largest share of the local market, more than all other multinational fast food brands in PH combined</p>
	<p>Pt. Agel Langgeng</p> <p>Biscuit manufacturer (top 30 food and beverage manufacturers in Indonesia)</p>
	<p>PT Agel Langgeng - Kapal Api Group</p> <p>Kapal Api Global is an alliance of several companies engaged in the food and beverage industry, these companies are in the cultivation, manufacturing, distribution and cafe (top ten food and beverage manufacturers in Indonesia)</p>
	<p>Danone AQUA</p> <p>Bottled water company (top ten food and beverage manufacturers in Indonesia)</p>
	<p>UOP Asia</p> <p>Chemical recycling company</p>

