

# Newsletter

A publication of SPE European Thermoforming Division - [www.e-t-d.org](http://www.e-t-d.org)

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## REPORT ON "10TH EUROPEAN THERMOFORMING" CONFERENCE. 9-11 APRIL 2016



This year we celebrated the 20th anniversary of the formation of the SPE European Thermoforming Division and our 10th conference. From its initial beginning in 1996 until today there has been a growing together of the thermoforming industry as it expands into different parts of the plastics market and the theme of this year's conference was "Evolution – Thermoforming – Destination". Over the last 20 years the thermoforming industry has gone through major changes as the companies involved have had to adapt and innovate to stay not only current but to be ahead of the market needs. This is one of the main reasons that thermoformers from across the world attend the SPE ETD Conference. Speakers and delegates discussed a wide range of subjects that are pertinent to today's and tomorrow's needs.

There were 250 delegates from 28 countries in Europe, North America, India, The Middle and the Far East. Thermoformers, material suppliers, end users as well as machine builders were able to listen to a variety of speakers during the two-day conference.

The conference was opened by Marek Nikiforov who was the current chair of SPE ETD and Gabriel Bernar who was conference chair.

The first speaker was Thomas Drustrup who spoke about 'Plastic Pollution in the sea and asking what is the solution'. It was an interesting presentation and it generated a lot of discussion on the various ways this problem can be overcome.

The second presenter was Wim De Vos who is CEO of The Society of Plastics Engineers who spoke about the 'Future use of Plastics'. There were many ideas and projects already in development or even in use, that were very exciting and some were so innovative that the normal individual in the plastics industry would not have realised such a use of the material could be possible.

Then presentations became more technically detailed in relationship to subjects such as a 3D session that covered areas such as the latest update on '3D-Tec' from David Bue Pedersen from The Technical University in Denmark.

During the coffee and lunch breaks there were over 40 table top displays from a variety of suppliers to the industry from machine manufacturers to material suppliers with all other aspects of the industry covered as well.

In another section there was a display of thermoformed parts that showed the wide range of products. A jury of experts in their fields were asked to judge the winners.

The Technical conference presentations on Thin Sheet subjects were held in one room and Heavy Gauge commercial/technical presentations were held on the next room. This was then reversed the following session so all could enjoy both technical as well as commercial/technical presentations.

On the last day there was a very interesting presentation by a representative from SEAT Automotive on lighting which was well received by the delegates.

In the afternoon of the final day that session was devoted to presentations by Universities on various subjects such as optimisation of thermoforming process, increased material efficiency and Heat under control.

The conference was brought to a close by Gabriel Bernar who was Chair of the conference and the incoming chair of the ETD (2016-2018).

The conference was an outstanding success and the plans for the 2018 conference has already been started .

### Ken Braney

Managing Director

Plastics Machinery Group International Ltd

# WINNERS OF THE 6TH EUROPEAN THERMOFORMING PARTS COMPETITION 2016



In 2006 the European Thermoforming Division of the Society of Plastics Engineers sought the first time to initiate an independent, sector-oriented award, the European Thermoforming Parts Award.

This Award stands for first-class innovative achievements in originality, creativity, mould complexity and technical ability in order to promote advanced design and developments of thermoformed applications.

For the 6th time, in 2016 the European Thermoforming Parts Award once again highlighted applications selected by the jury at the recent European Thermoforming Conference in Sitges (Barcelona) from 9 – 11 March 2016.

The Awards Winners are:

## 1st Prize Winner: Heavy Gauge - Vehicle/Automotive Applications

Part: "Engine Hood" + 50 components integrated in a Plug and Play function, produced by **Technoplast Industries, France.**

Material type: ABS PMMA + PA6 15% GF

Unique qualities: 150°C (continuous) /170°C (peak)  
high resistance to chemicals/fluids because of double skin in PA6 + 15% GF.

*Jury's motivation:*

- "A large area cosmetic forming but for an industrial application. Surface finish is good. Well formed and trimmed – both parts are well assembled, good integrity in bonding and highly functional part".

## 1st Prize Winner: Heavy Gauge - Building Applications

Part: "VELUX Roof Dome" 1000x1500 produced by **Formplast, Sweden.**

Material type: PC UV

Unique qualities: the high optical quality on the thermoformed part.  
To reach the very high demand of optical clarity by use of normal positive thermoforming is very difficult

*Jury's motivation:*

" Excellent clarity using a fairly complex sheet material which requires a great deal of preparation. Good industrial application - high risk product".



**1st Prize Winner 2016: Heavy Gauge – Automotive  
Company: Technoplast Industries France,  
with part "Engine Hood"**



**1st Prize Winner 2016: Heavy Gauge – Building  
Company: Formplast, Sweden  
with part "VELUX Roof Dome"**

**1st Prize Winner: Thin gauge - Food Packaging Applications**

Part: "Veggiefresh" IML-T Tubs and Lids with premium decoration qualities, produced by **RPC Bebo Plastik, Germany.**

Material type: PP

Unique qualities: wide label coverage of body incl. stacking rim, barrier options through multilayer sheet for oxygen and UV barrier, as well as light protection, utilization of existing tools.....

*Jury's motivation:*  
 "The way to beat injection moulding, nice volume thermoformed IML to the product".

**1st Prize Winner: Thin gauge - Vehicle/Automotive Applications**

Part: "Back lighted Day-Night effect baguette" produced by **WalterPack, Spain.**

Material type: PC with multi-layer of inks

Unique qualities: a 10 layer printed foil, high pressure formed at 100 Bar, UV cured and back injected part to obtain a decorative back lighted baguette for automotive applications with a day-night effect..

*Jury's motivation:*  
 "Advance high pressure forming – superbly done".

The Members of the Jury Committee were: Niklas Magnusson (Chair Parts Committee),  
 Thin Gauge: Preben Thomsen, Michel Py, Hans Lauridsen  
 Heavy Gauge: Rich Freeman, Jeff Pitt, Andy McGarry  
 For more information on the 6th European Thermoforming Parts Competition 2016 visit [www.e-t-d.org](http://www.e-t-d.org)



**1st Prize Winner 2016: Thin Gauge – Food Packaging**  
**Company: RPC Bebo Plastik, Germany**  
**with part "Veggiefresh"**



**1st Prize Winner 2016: Thin Gauge – Automotive**  
**Company: Walter Pack, Spain with part "Back lighted**  
**Day-Night effect"**

**MISSION STATEMENT**

IT IS THE PURPOSE OF THE EUROPEAN THERMOFORMING DIVISION TO STIMULATE AND DIFFUSE KNOWLEDGE OF ALL ASPECTS OF THE THERMOFORMING INDUSTRY.  
 THIS WILL BE ACHIEVED BY PROVIDING CONFERENCES, TRAINING SEMINARS AND REGULAR TOPICAL NEWS BULLETINS. IT WILL PROVIDE A DYNAMIC NETWORK PLATFORM AND ENCOURAGE AND PROMOTE TECHNICAL AND SCIENTIFIC PARTICIPATION BY ITS MEMBERS



# COFFEE CAPSULES PROVIDE MARKET OPPORTUNITIES

David Vink reviews some of the applications and technical developments on show at SPE's 2016 thermoforming conference and parts competition

The European Thermoforming Division of the Society of Plastics Engineers held its 10th bi-annual thermoforming conference in March, at Sitges, along the coast from Barcelona in Spain. The event attracted 240 participants from 28 countries.

Reiner Albrecht, sales director at thermoforming machinery producer **Illig Maschinenbau**, reviewed the coffee capsule market. He said the capsule format accounted for 2.4% (or 10,000 tonnes) of coffee sold in Germany in 2012, and its market share increased 4% in 2015. Filter coffee had a 70.9% share in 2012, and instant coffee 3.1%.

Coffee capsule markets continue to grow and become more varied, but Albrecht also sees further future potential in tea, soft drinks and food capsules.

He said annual aluminium consumption for classic Nespresso capsules occupies the volume of 50 Statues of Liberty or 33 jumbo jets – “a negative eco balance due to high energy input and a low recycling rate”.

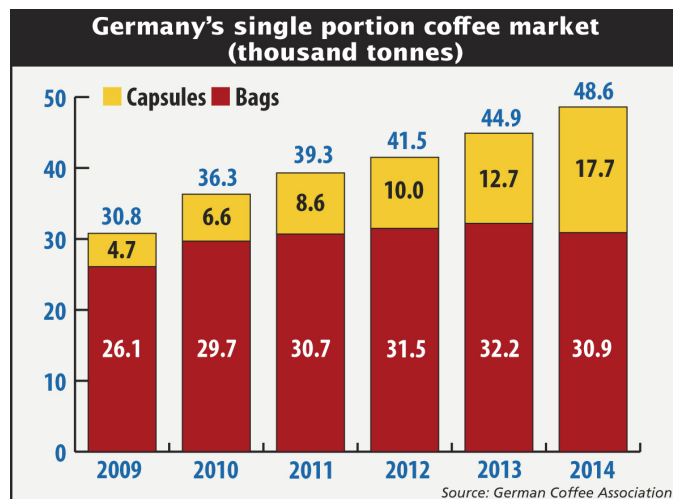
At NPE 2015, Illig said over 95% of worldwide coffee production is on Illig's RDM K series machines, such as RDM 54K, 70K and 75K models, accounting for 1.5bn capsules/month being stacked on Illig PH stackers or STPL punching and stacker units.

Albrecht said he favours multilayer barrier layer capsules over monolayer ones protected by additional barrier sleeves and said injected moulded capsules are heavier. The thermoformed Nescafé Dolce Gusto PP/EVOH/PP capsule has an injection moulded dispenser fitted into a punched-out base hole. This 54mm diameter capsule and the 40mm Delizio capsule are produced on RDM 75K / STPL75b lines; Dolce Gusto in a 70 cavity (10 x 7) mould, Delizio in a 91-cavity (13 x 7) mould.

Examples of PP coffee capsules without base holes include 37mm Nespresso capsules thermoformed in a 108-cavity (12 x 9) mould, 47mm Lavazza Blue in 80 cavities (10 x 8), 68mm Tassimo with a pull flap in 54 cavities (9 x 6), 51mm Keurig in 91 cavities (13 x 7) and 40mm Delica's Delizio (in Switzerland, as Cremesso elsewhere) in 91 cavities (13 x 7).



The thermoformed coffee capsule market is growing and becoming more varied



## IML-T PREMIUM

**RPC Bebo Plastik's** development manager Jürgen Merbach said the late start at Interpack 2014 of thermoformed in-mould labelling (IML-T) was due to earlier lack of standardisation and low flexibility. Bebo uses an “industry standard” modular design Illig RDM 70k machine for IML-T, favouring high flexibility for frequent changeover. This machine runs in Bremervörde, Germany, using moulds with up to 18 cavities, 20 cycles/min cycle time, enabling maximum 360 tubs/min (21,600 tubs/h) output.

Bebo's first IML-T customer from October 2014 was Bavarian soft and mozzarella cheese producer Goldsteig. It exploits IML-T for premium markets due to multi-coloured photo-realistic designs in up to eight colours, achieving better finish and greater area coverage than with printing.

Bebo supplied more than 15 million IML-T tubs to Goldsteig within 2.5 years. A Norwegian dairy producer started using Bebo high-barrier IML-T tubs in May 2016, replacing metal.

Also within RPC group, RPC Superfos in Rushden, UK, started supplying IML-T versions of its monolayer PP SuperLight tub and lid in April 2014 for Cucina brand mozzarella cheese made by Francia Latticini (Gruppo Francia), as supplied to Aldi Süd stores. The labels meanwhile also cover the stacking rims as well. Wall thickness below 0.38mm means SuperLight tubs weigh

A coming trend: IML-T tubs with see-through labels (example from RPC)





around 50% less than standard 0.6-0.7mm Superfos tubs. IML-T labels can be applied over embossed tub areas and high gloss and transparent labels are in development. The latter enable see-through window labelled tubs.

Erwin Wabnig of **Kiefel** said: "No more than 5-10 customers worldwide use IML-T in production conditions." This is despite advantages such as downgauging and tub height changes without tool changes and generally lower investment than injected IML tubs. He showed a comparison between injection moulding and thermoforming for a 500ml margarine tub. Injection moulding a 14g tub in a 6+6-cavity tool at 13 cycles/min, for 9,000 tubs/h output, compared with thermoforming a 12g tub in 18-cavity tooling at 18 cycles/min, for 18,000 tubs/h. Machine and tooling cost is lower for thermoforming the tub, at €2m, against €2.5m for injection.

Michel Py, commercial manager at French thermoforming tooling materials producer **CGP Europe**, said recycled material as a multilayer sheet core layer in thermoformed packaging can ensure cleanliness, or preferably thermoformers can take their own measures to meet cleanliness requirements with monolayer sheet. Virgin outer layers with a recycled core layer is "a clever idea, but only a theory, as the truth is a little different", Py said. There are potential risks with inter-layer migration: from the melt during sheet extrusion, uneven layer thickness, material hold-back while sheets pass through calendar rolls, and migration via sheet edges.

Migration can also occur with partial layer thinning during both sheet extrusion and thermoforming, for example in package corners, and between layers via stacked thermoformed cup or tray edges, Py explained. EU regulations allow recycled core thermoformed multilayer PET packaging, but "effectiveness depends on converters adopting a virtuous approach, in the absence of a rigorous test regime", Py stated.

Thermoformers can achieve good cleanliness when producing monolayer packaging with vacuum application and running at high temperature. But unknown presence of certain chemical additives in recycled PET (rPET) may offset benefits. Although cleaning at the processor involves additional capital expenditure, "multilayer migration risks such as through thinning, layer rupture or during storage do not exist, by definition", Py stated.

Py said there are challenges with PET trays laminated with PE, resulting in punched skeleton waste being "a cloudy material mixture". This could be overcome with a patented process in which PE is applied only on the package sealing side.

Other challenges are: coloured PET in recycled waste; keeping non-food-contact and food-contact quality PET waste separate; and financial feasibility for recyclers, depending on virgin (vPET) and rPET price relationships. Although 30% of rPET presently goes into thermoformed packaging, there is a risk this could reduce as bottle-to-bottle recycling increases "and it is anyway dependent on pricing of PET textile fibre sources".

Horst Roeder, area sales manager at Austrian recycling technology producer **Erema**, said present low crude oil prices means rPET became more expensive than vPET, reducing rPET in thermoformed packaging incentives. He said Erema's Vacurema inline vacuum reactor sheet process decontaminates rPET flakes before extrusion. Erema had sold 167 Vacurema systems worldwide, which process 1.1m tonnes/year, for extruded thermoforming sheet, bottle-to-bottle, fibre, filament and strapping line recycling.

## 3D PRINTED MOULDS

David Bue Pedersen of **Danish Technical University** (DTU) said 3D printed tools are more cost effective than milled ones. He cited copying machine producer Xerox's evaluation with Stratasys, in which numerically controlled CNC milled thermoforming tooling needed seven days and cost €1,100, while 3D printing plastic with Stratasys fused deposition modelling (FDM) took half a day and cost just €95.

Djamila Oliver of **Voxeled Materials** referred to the same Stratasys/Xerox evaluation, adding that 3D printing can produce "inherent and controlled porosity" in breathing thermoforming moulds. This avoids conventional laborious wooden mould contour machining and vent drilling of a limited number of holes at, for example, Xerox. A larger number of economically 3D printed vent holes benefits thermoformed part quality due to more uniform vacuum, Oliver said.

Xerox has separately referred to higher design freedom with 3D printed thermoforming moulds, with undercuts enabling snap-fitting thermoformed covers, despite other thermoformers suggesting the parts wouldn't release from the mould.

Maarten Valckenaers, sales manager at **Materialise**, a company printing more than 2,000 parts/day on more than 100 3D printers, gave "reasons for the thermoforming world to turn to 3D printing". These include tools for improved thermoforming processing, quality control tools and small series insert production. Valckenaers also referred to large prototypes for pre-production design verification.

Thomas Tang, **Faerch Plast** strategy and commercial affairs director, said Faerch has been "proactively driving snap packs, especially with snake-shaped perforation for stronger packs". He showed inclined trays for chicken legs that present legs horizontally positioned and skin trays occupying 66% less space than others and allowing vertical display. Tang said bioplastics are "still in their early development stage", and Faerch focusses mainly on mono-material PET.

Increased rPET use has halved PET CO2 emissions from 35 to 15 kg/CO2/1,000 trays. The MAPET II modified atmosphere adhesive top-sealed rPET-cored PET fresh meat pack, launched in November 2012, won Scanstar and Worldstar innovation awards in 2014/2015.

**Færch Plast interlocking snap packs with snake profile edges for strength have also been designed around the shape of chicken legs**

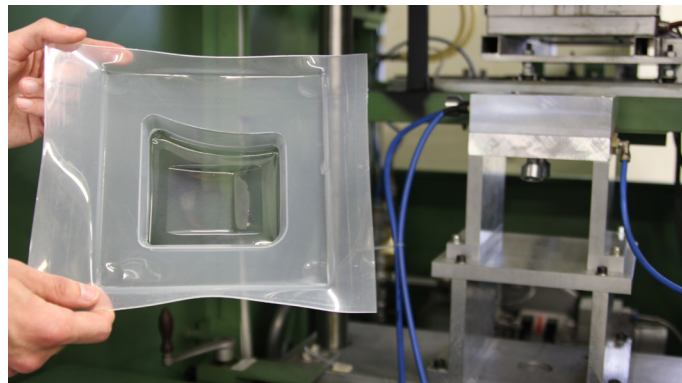
In a conference sponsor presentation, **OMV Polytype** described its RM77 fully automatic, revolving in-mould trimming, cup and tub thermoforming machine with integrated stacking and part handling. The system uses one male and two female moulds, the male one running at full cycle speed, the female ones completing one circuit for each two cycles of the male half. Quality improves by the formed material remaining in the cavity for an additional cycle, yet use of two cavity sets provides for high speed.

OMV claims that with more than 57 strokes/min cycle time, and using a 51-cavity system, the machine achieves a worldwide record output of 174,000 cups/h for 71mm PP beverage cups. A complete mould change takes six hours. OMV says it first presented an IML-T system at K 2010 on an OMV F25/5 machine. There were meanwhile five OMV IML-T systems running by 2015, two each in Germany and Egypt and one in Australia.

Kai Landsecker of the **IKT** plastics technology institute at



**Stuttgart University** described how material efficiency, as the most important thermoforming quality criteria, improves with a prototype inline ultrasonic sheet thickness measurement system developed at IKT. Thickness data collected by an “impulse echo” acts as a process “fingerprint” to adjust machine settings, with less rejects produced the more frequently thickness data is provided. IKT says the system enables 100% control without affecting cycle time or tool handling. Landsecker’s colleague at IKT, Benjamin Neubig, later talked about determination of temperature sheet thickness during the thermoforming heating phase.



**The IKT institute at Stuttgart University has developed inline ultrasonic thickness control for thermoforming lines**



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## 2016 CONFERENCE SPONSORS





# K 2016 DÜSSELDORF – DRIVING FORCE FOR INNOVATION AND INTERNATIONAL BUSINESS

In October, more than 3,000 companies will present trend-setting products, processes and practical solutions. Demographic growth, urbanisation, rising energy consumption, dwindling resources, climate change – there are a host of challenges to contend with. The global situation calls for creative minds, innovative technology and high-performance materials. From 19 until 26 October, the K 2016 will welcome the international plastics and rubber industry in Düsseldorf/Germany to introduce their solutions. More than 3,000 exhibitors from 60 nations will take part in K 2016 and present their products and services on a total area of 170,000 m<sup>2</sup>. The logical structure of halls corresponds to the industry's core business areas:



- Machines and equipment
- Raw materials, auxiliaries
- Semi-finished products, industrial components and reinforced plastics products
- Services

The K trade fair has always had its finger on the pulse of technological development. This is borne out by the presentations at exhibitor stands, but also by the accompanying events, which provide a real bonus for visitors.

## Special presentation “Plastics shape the future”

The special presentation with the title “Plastics shape the future” aims to show how polymer materials have shaped the appearance of modern settings – not just in functional terms but also in terms of aesthetics and sustainability. This event deals with economic and ecological aspects, but also addresses problems such as marine litter.

## Science Campus: Discourse between science and economy

The Science Campus, a forum where businesses and universities can exchange information, also provides K exhibitors and visitors with a comprehensive overview of scientific activities and results in plastics and rubber-related research.

## 3D print

No other technology is currently more widely discussed as 3D print. All over the world, additive production methods are keeping users on their toes as they affect the design and packaging industry, machine and line engineering, aerospace engineering, automotive engineering as well as dental and medical engineering. Naturally, K 2016 will pay special tribute to this technology.

K 2016 is the place where good ideas turn into good business deals. On 19 October, exhibitors and visitors will again live up to this promise. More information at: [www.k-online.com](http://www.k-online.com)



# GN

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Please visit us at:  
**Hall 3 / A36**

## GN THERMOFORMING SHOWCASES

### NEW SALES AND TECHNICAL SERVICE CENTER IN CZECH REP.

First Customer Training Sessions Are Well Attended by Participants from Throughout Europe, Russia, India, and the Middle East.

GN Thermoforming Equipment, a leading manufacturer of servo-driven, roll-fed thermoforming machines for the production of food packaging, recently conducted a series of highly successful customer training sessions to showcase GN Europe's new Sales & Technical Service Center in Jihlava, Czech Rep. The three training sessions were a major success with more than 60 participants, including end users and processors from Western and Central Europe, Russia, India and the Middle East.



The attendees received training on a wide range of topics including the latest GN technologies, material capabilities, tooling design and specifications, trouble shooting, and processing expertise. It was the first of several training programs that are planned at the technical center over the next year.

"We were thrilled with the turnout and the positive response" said Jerome Romkey, GN Business Development Manager. "The training and demonstration center is an important sales tool that offers great value in helping customers access the technology and make decisions."

GN Europe officially opened the new Sales & Technical Service Center just over two years ago in an effort to further solidify its commitment to their customers. At any given time, its showroom displays a selection of GN thermoformers for viewing and demonstration purposes. This facility is also used for specific research and development projects. The Sales & Technical Service Center is staffed with sales, technical, and administrative personnel to better service customers from Western and Central Europe, Russia, India and the Middle East. GN relocated from nearby offices to the new, larger 1000 sq. m. (11,000 sq ft) facility in Jihlava, which is about two hours from Vienna, Austria, and one hour from Prague.

The new larger facility will help GN expand its business in fast-growing markets, support its customers, and penetrate new growth opportunities, according to Romkey. "We're happy with the steady growth we've seen; this expansion will take us to the next level and position us for further growth in key markets."

The Sales and Technical Service Center has a staff of nine employees with additional hiring in the future as the business continues to expand.

While promoting the latest developments in thermoforming, the center will also offer opportunities to educational institutions and other industry-related organizations for training and product assessment purposes. GN made its first entry into the Czech Republic more than 14 years ago to tap into the growing packaging business in Europe and Russia.

## FAERCH PLAST GRANTED EUROPEAN PATENT FOR 'MAPET®

### II' MONO MATERIAL FOR PACKAGING OF FRESH MEAT,

### POULTRY & FISH

The material has been specially developed for state-of-the-art top sealing of fresh meat, poultry and fish, allowing consumers to transport packs home without the risk of leakage and potential contamination from juices, as well as ensure the modified atmosphere is maintained. It is made using mono APET (Amorphous polyethylene terephthalate).



Rather than including a PE top layer, Faerch Plast adds a small amount of special adhesive to the rim of each tray to ensure that it can be sealed easily. The adhesive, also developed by the company, is approved for



direct contact with food. Mapet II trays can be used with a wide range of lidding films, including market standard PE, and processors and packers do not need to change lidding films or production equipment, helping increase lines speeds and operating efficiencies.

Faerch Plast chief executive Lars Gade Hansen, said: "We are proud to be granted the European patent for Mapet II. This ground-breaking product was a long time in development and has been well received by the European food industry.



*Tray manufactured from mono PET with a special food approved adhesive applied to the rim ensuring an airtight closure to avoid leakage.*

### About Færch Plast A/S

Faerch Plast was founded in 1969 and is headquartered in Holstebro. The company is the leading European manufacturer of innovative packaging solutions in plastic within ready meals, fresh meat, and cold food & snacks. Faerch Plast employs 1100 employees, spread across seven factories in Denmark, UK, Spain and the Czech Republic respectively, and sales offices that cover all of Europe.

The company offers state-of-the-art extrusion and thermoforming facilities generating a wide range of containers produced from CPET, APET, PP, MAPET® II, PP-EVOH-PE and AMPET®

Faerch Plast has established an ambitious growth strategy which has recently resulted in the acquisitions of Anson Packaging Ltd in the UK and Sealed Airs Food Tray Business in Europe with factories in the UK and Spain.

Both companies have leading positions in the development and production of packaging for the food industry and thus offer Faerch Plast a stronger and expanded product portfolio.



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# RECORD REGISTRATION FIGURES FOR INTERPACK. 4 – 10 MAY 2017



Interpack 2017 has recorded the biggest exhibitor demand in its over 55-year history. By the official closing date for registrations for the world's most important trade fair for the packaging sector and related processing industries at the end of February, companies had booked about 20 per cent more space than is available at the Düsseldorf exhibition centre with its 19 halls. Taking place concurrently, the "components" event showcasing the offering of packaging technology suppliers, will probably be fully booked as well – even though the dedicated, temporarily erected lightweight hall offers over twice as much space as at the event's premiere in 2014.



**10<sup>th</sup> European  
Additives & Colors Conference**  
NH Laguna Palace, Mestre (Venice), Italy

**SAVE  
THE DATE!**  
22-24 March 2017

Questions?  
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+32 498 85 07 32



[4spe.org](http://4spe.org)



Organized by the SPE Additives & Color Europe Division



## INTERPACK COOPERATES WITH WORLD PACKAGING ORGANISATION

### New SAVE FOOD Packaging Awards

In anticipation of the upcoming edition of the world's most important trade fair for the packaging sector and related processing industries, which is taking place from 4 to 10 May 2017, interpack is cooperating with the World Packaging Organisation (WPO). Within the scope of this cooperation, the WPO has extended its celebrated WorldStar Awards to include the category "SAVE FOOD Packaging Awards". The WorldStar Awards commend best-practice approaches that have already proven themselves on the national level, and the awards will be presented at a ceremony during interpack 2017.

"We are giving the WorldStar Awards a platform in keeping with the standing of these celebrated awards. After all, in terms of innovation density and internationality, no other event can rival interpack worldwide," says Bernd Jablonowski, Global Portfolio Director Packaging & Processing at Messe Düsseldorf.

"We are delighted to be able support the idea of SAVE FOOD with an award.



Good packaging can of course go a long way towards reducing food loss and wastage,” stresses Dr Johannes Bergmair, Vice President Sustainability & Food Safety at the WPO.

## **SAVE FOOD Packaging Awards**

The SAVE FOOD Packaging Awards recognize packaging solutions distinguished by their capacity to reduce food loss and wastage – for instance, by prolonging the packaged product's shelf life or with intelligent concepts for portioning or protecting the contents of packages once they have been opened. In the adjudication of the submissions, it is also important that the package's production is resource-efficient and makes use of as little packaging material as necessary. Overall, associations from more than 15 countries are participating – including ones in Africa and the Middle East – in the staging of the awards. These are choosing national winners in a variety of categories in advance of interpack 2017. Honours will be going to retail and transport packages, among other things. The national winners will then be competing at interpack 2017 for the WorldStar Award in the SAVE FOOD category and will be exhibited at the “innovationparc” special show, which will again, following on from 2014, be devoted to the topics associated with SAVE FOOD.

## **About the World Packaging Organisation (WPO)**

The World Packaging Organisation is a non-profit, non-governmental, international federation of national packaging institutes and associations, regional packaging federations and other interested parties including corporations and trade associations. Founded on September 6, 1968 in Tokyo by visionary leaders from the global packaging community, the primary activities of the organisation today are to promote education through meetings, special activities and publications, to sponsor an international packaging design awards programme and to facilitate contact and exchange among the various national institutes of packaging. The WPO vision is “Better Quality of Life, Through Better Packaging, For More People”.

## **CONFERENCE OVERVIEW**

The SPE Thermoforming Division invites you to attend its 25th Annual Conference created exclusively by and for the Thermoforming Industry. The Conference will be held at the Renaissance Schaumburg Convention Center Hotel. Network with clients, vendors and industry leaders in one convenient location! Our exhibit hall will provide you with opportunities to meet with equipment, material, tooling and service providers. The SPE Thermoforming Conference® is the most convenient and cost-effective way to learn about the Industry.



### **Workshops and Sessions**

Full-day workshops focusing on fundamentals and troubleshooting will help your technical staff gain practical insight into the thermoforming process. Our comprehensive conference program includes technical presentations by recognized industry experts, featuring new and exciting developments in our industry. Attend your choice of presentations delivered by your peers!

### **Sponsors and Exhibitors**

The Conference is the premier forum where the newest techniques and the latest trends in machinery, materials and equipment are unveiled. Sponsors and exhibitors may also introduce their products and services through our Innovation Brief presentations. Booth space assignments and Innovation Brief reservations are made on a first come, first serve basis. View the current list of sponsors and exhibitors here.

### **Parts Competition**

The Parts Competition showcases the latest advances in thermoforming design and application. Multiple submission and award categories in roll-fed and cut-sheet deliver unparalleled marketing exposure to conference attendees and the press. Winning parts benefit from full coverage on the Division's website and in SPE Thermoforming Quarterly® magazine and are usually featured in leading industry magazines. Learn more about the Parts Competition here.



# SPE COUNCIL MEETING AND ANTEC INDIANAPOLIS VOLUNTEER LEADERS ACTIVITIES WRAP-UP



SPE completed another successful Council session during the weekend of May 21-22 in Indianapolis. Many Councilors expressed their appreciation for the continued transformation of the Council meeting format, which now regularly includes meaningful activities focused on networking, engagement and learning. SPE took advantage of a local event at the Indianapolis Motor Speedway, between Council sessions, to provide recognition to our volunteers. The event, was cited by many as one of SPE's best recognition events ever. The Council meeting was well attended and below is a summary of some of the important discussions:

## **1. The electronic election process was reviewed and discussed for key learning**

### **2. Financials :**

Our 2015 financial performance was confirmed by the auditors draft report. Both revenues and expenses tracking are lower for 2016 YTD, resulting in a net income near expectations. While revenues on events and membership remain below budget, we have succeeded in keeping expenses well under budget to balance this shortfall in revenues. The sale of corporate sponsorships and advertisement is behind schedule, but managements expects to catch up in the 2nd half of the year. Our new sales director, who joined in January 2016, already has a pipeline of \$600 k, of which \$200 K is in final negotiation phase. Council approved a proposal from the Executive Committee to replace the current rebate system with a direct fee pass-through of dues to Sections & Divisions beginning in 2017.

### **3. Governance Reform:**

Council confirmed its support for the governance reform project, which is planned for implementation with the 2017 operating-year. Final details will be presented to Council for approval at the Quebec City Council meeting in August 2016.

### **4. Leadership Education:**

Troy Nix (CEO MAPP) provided an inspiring presentation entitled the "Cadence of Leadership". Troy shared key leadership insight derived from his years of military and private sector leadership.

### **5. Council was introduced to the new Executive Committee:**

Scott Owens - President

Wim De Vos - CEO

Dick Cameron – Past President

Raed Al-Zu'bi – President Elect

Thierry D'Allard – Sr Vice President

Jaime Gomez – Vice President

Monika Verheij – Vice President

Brian Landes – Vice President (Secretary)

Rochelle Lemieux – Vice President

Jeremy Dworshak – Vice President

Sergio Sanchez – Vice President (Treasurer)

### **6. President's Cup:**

Sandra McClelland (Detroit Section) was awarded the President's Cup by Dick Cameron for her long-term dedication to SPE. Additionally, Sandra was re-elected as Chair of the Council Committee of the Whole.

### **7. SPE's 3-Year Operating Plan:**

SPE's new 3-year Operating Plan is an integrated effort by EC, Management, Staff and the broader Society leadership. Presentations included:

a) the basis and methodology used to prepare and manage the plan,

b) overview of a strategic plan (events)

c) a refreshed Committee structure and 'staffing'

d) expanded use of Task Forces that focus on important issues then dissolve once the project is finished

Going forward, the 3-year plan will be reviewed each year (under the responsibility of the President-Elect and the CEO) to make small, course adjustments as new trends or evolutions or opportunities arise in our markets.

### **8. Conclusion:**

The Council meeting concluded with my remarks, where I stressed that only through complete unification of our efforts will SPE thrive and remain relevant for future generations. Together let's "Make a Difference"!

Scott E. Owens, Chemtrusion Inc., SPE President 2016-2017

# ETD BOARD MEMBERS 2016-2018

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MAREK NIKIFOROV	PAST-CHAIR
ANDY MCGARRY	CHAIR-ELECT
COR JANSSEN	TREASURER AND COUNCILOR
YETTY PAUWELS	SECRETARY AND NEWSLETTER EDITOR
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HUBERT KITTELMANN	SPONSORS COMMITTEE CHAIR
MANFRED JACOB	ADVISOR

## UPCOMING EVENTS

### 25th SPE Thermoforming Conference

26-28 September 2016  
Schaumburg, Illinois, USA  
[www.thermoformingdivision.com](http://www.thermoformingdivision.com)

### Kunststoffen

28-29 September 2016  
Veldhoven, Netherlands  
[www.kunststoffenbeurs.nl](http://www.kunststoffenbeurs.nl)

### K'Show

19-26 October 2016  
Düsseldorf, Germany  
[www.k-online.com](http://www.k-online.com)

### Euromold / Airtec 2016

25-27 October 2016  
Munich, Germany  
[www.euromold.com](http://www.euromold.com)

### 10th SPE European Additives & Colors Conference

22-24 March 2017  
Mestre (Venice), Italy  
[www.4spe.org](http://www.4spe.org)

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## Time for Decisions