

# **FEFCO Technical Seminar :** Already registered?



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### **Corrugated Processes Complexity - Challenges and Solutions**

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*Walter De Smedt* V.P. Technical & Operational Excellence - Smurfit Kappa Packaging Europe

It is with great pride and satisfaction that I have been watching the phenomenal success of the FEFCO Technical Seminar. Up until 2013, I even had the pleasure of leading the FEFCO Production Committee as Chairman and thus had a rather modest influence on the outcome of the Technical Seminar. And what a remarkable success story we have to tell!

In Nice in 2007, we started the process of relaunching the Technical Seminar as the best market place in Europe for suppliers and buyers of Corrugated equipment. Our beginnings were modest with all together 300 attendees from the corrugated industry, and more suppliers than Corrugated producers. We knew that a considerable amount of work lay ahead of us.

After many years (from 1979 until 2009) at the Acropolis in Nice, we took a brave decision and at the same time a little gamble to leave the French Mediterranean behind us and change the city and venue for good. The idea was to have everything under one roof. Berlin in 2009 turned out to be successful – remember the Estrel Hotel? Not everything was perfect, but this marked the turning point of the seminar into the successful event it is today.

Two years later the beautiful former Cycling Stadium of the Olympic stadium in Munich (from 1972!) provided the venue. Attendance had improved substantially;

# Building on the success of former events

Corrugated companies were really coming back. The organisation was perfect, content great and we got a very good exhibition together. Hotels were not directly linked to the conference venue, but we had sunshine the whole time and there were smiles on everyone's faces. Everybody went home happy. We felt for the first time, that the tail wind was behind us...

The time had come to find a venue outside Germany. Copenhagen – the Bella Sky Center – offered a hotel, conference centre and exhibition all under one roof again. The organisation was excellent, the content superb. And everybody remembers the incredible pancakes in the beautiful town hall of Copenhagen! The result? Once again, we surpassed the previous event both in quality and attendance.

After many years overseeing the reemergence of the technical seminar as the place to be for the Corrugated industry, I decided to pass on the torch to Marc Van Damme at the end of 2013. Today I watch with immense pleasure, but more from a distance. I am happy and proud that it was the right decision to give the floor to a new chairman and team. Marc and his Production Committee are even more successful than we were. Good job, guys!

Who does not remember Barcelona? Perhaps the best Technical Seminar ever? We got close to 1,000 participants from all over the world. It was a great success and congratulations to everyone for making it such a wonderful event.

This year, 2017, FEFCO invites you to Vienna. Even though the seminar is several months away, registration numbers are already swelling. They are much higher than at comparable times for previous events. The exhibition is fully booked and FEFCO will probably expand it. But I know from experience that a lot of work still lies ahead for the Production Committee and all the speakers.

More and more I realise that the FEFCO Technical Seminar is a unique formula, combining a high-level seminar with a powerful exhibition, something that brings considerable value to all the participants and exhibitors who are active in the Corrugated industry.

The ongoing success of the FEFCO Technical Seminar forum can only be achieved as long as we have dedicated people from the industry bringing their expertise to the Production Committee. On top of that, you also need excellent organisers in the FEFCO team to make everything run smoothly. And last but not least the industry must believe that it is worth coming together to listen, learn and talk with the experts about the latest technological developments – which are our future!

Looking forward to having a waltz with you in Vienna!



From 11 to 13 October 2017, the FEFCO Technical Seminar is definitely the place to be! Please support the FEFCO event by registering for this "must attend event"





"The FEFCO Technical Seminar is the ideal place to meet all the important suppliers to our industry at the same time and to gain a deep knowledge of important technical trends and developments"

Jan Klingele FEFCO President



Saverio Mayer CEO Europe Smurfit Kappa Group



provides the quickest and easiest update on what technology has to offer us - In just three days you learn all about our suppliers"

"The FEFCO Technical Seminar

Jean-Paul Macharis FEFCO Vice President



"This FEFCO event provides major insights by means of an excellent conference programme."

Alexander Enzenberg Managing Director - Division Packaging Dunapack Packaging



"We go to the Technical Seminar because in a short space of time it provides us with the opportunity to learn all about the latest technological developments in Europe"

Thomas Gissler CEO Gissler & Pass



### Updates on the next Technical Seminar

- Exists for almost 40 years and is still relevant
- Mid-May more than 500 delegates already registered
- 35 countries
- 72 exhibiting companies
- 110 stands booked
- Extra stands can be made available

### Useful info

- Event Address: Congress Center Messe Wien, Messeplatz 1 - A-1020 Vienna 1
- Website: http://www.fefco.org/ fefco-technical-seminar-2017vienna
- For registration contact houriet.lefebvre@fefco.org
- For sponsorship, contact nathalie.schneegans@fefco.org
- Travel discount with Lufthansa. Check the event's web page



# Programme

### Day 1 - Wednesday 11 October

8:00	Registration starts		
9:45	Welcome coffee and exhibition visit		
10:30	Welcome Address Marc Van Damme (Production Committee Chairman)		
10:35	Spotlight Session 1		
11:45	Break		
12:15	Spotlight Session 2		
13:15	Lunch on the exhibition floor		
14:00	Conference opening		
14:10	President's address Jan Klingele FEFCO President		
14:30	Customer requirements and their impact on the corrugated industry		
15:00	Suppliers vision for technical innovations		
15:30	Questions & answers		
15:40	Coffee break and exhibition visit		
16:20	How do EU policies affect the corrugated industry? Krassimira Kazashka, FEFCO Technical Director		
16:40	Evolution, opportunities and constraints of technical developments		
17:10	Questions & answers		
17:20	Break for access to Spotlight room		
17:30	Spotlight session 3		
18:30	Exhibition visit		
19:15	Cocktail reception sponsored by HP		

Thursday 12 October		
Opening		
How to make best use of big data in production?		
Challenges, opportunities and limitations of big data		
People management and training in a changing environment		
Questions & answers		
Coffee break and exhibition visit		
Spotlight session 4		
Break		
Spotlight session 5		
Lunch		
The new FEFCO Health & Safety working group - ambition, projects and outcome		
Illusion - Industry 4.0		
Questions & answers		
Coffee break and exhibition visit		
Spotlight session 6		
Exhibition visit		
Friday 13 October - morning		
Opening		
Paper engineering for increased packaging requirements		
Corrugators overview and future (r)evolution		
Changes in technology and environment and their impact on converting		
Questions & answers		
Coffee break and exhibition visit		
Possibilities through digital printing		
Questions & answers		
Award ceremony and conference closing		
Lunch		
Exhibition closes - end of the Technical Seminar		



## **Programme Highlights – Production Committee**



From left to right: Nathalie Schneegans and Krassimira Kazashka – FEFCO, Michael Frey – Rondo, José Herrando - SAICA Pack, Łukasz Nęcki - AQUILA - VPK Poland, Julian Pachniewski - VDW, Germany, Marc Van Damme - VPK Packaging Belgium, Timm Ramcke - Kunert Wellpappe (no longer member), Angelika Christ – FEFCO, Klaus Lüke - Klingele Papierwerke Germany, Astrid Glasenapp-Odeberg - Innventia Sweden, Johan Grünwald - Smurfit Kappa Central Europe Austria (no longer member).

#### Day 1

The first session of the seminar will explore the main challenges and limitations facing the corrugated industry and what opportunities we may find within them. Changes in customer preferences and requirements (e.g. short delivery time, zero defect, individualization) increase the complexity at corrugated plants but remain a driving force for improvement. Suppliers play a key role by supporting evolution in the industry and bringing technical innovations. The EU authorities continue to set the overall policy framework, which often has a direct impact on our industry and creates additional limitations.

Corrugated people dream big. Should we aim high or stay realistic? Some opportunities are only created when you challenge the existing constraints. So, is corrugated capable of reaching the next level in quality?

Members responsible for the day: Michael Frey, Edoardo Finotti

#### Day 2

New technology offers the possibility to export and deliver data from almost everything happening during production. Today, our industry is using this data in a limited way. How can we make the best use of "big data" in production? A practical example will showcase the challenges and implications of trying to use big data in our industry. There are opportunities and limitations as we walk the path towards the world of Industry 4.0.

High tech equipment, digitalisation of our processes and machines, lack of skilled people on the labour market, fast changing and challenging customer requests. These are just some of the challenges facing our industry. How can our industry find good employees, train them to be agile and keep them motivated to stay?

The new FEFCO Health & Safety working group has been created with the ambition to improve safety in the corrugated industry. Projects are running and delivering tangible results with the support of active members.

Finally, we will look into Industry 4.0 which was the main theme of our Technical Seminar in 2015. Has Industry 4.0 been applied in our industry since then? Can it deliver on all its promises or is it an illusion? How can we embrace the opportunities and challenges that Industry 4.0 presents?

Members responsible for the day: Klaus Lüke, José Herrando, Astrid Glasenapp

#### Day 3

Do you remember how a corrugator looked and what its production capacities were 15 years ago? We will follow its (r) evolution throughout the years to the machines and options available from corrugated machine suppliers today. We will then try to project what the future corrugator might be.

Digital printing in corrugated: finally the breakthrough or not there vet? We will look at market developments and consider the place that digital printing holds in our industry today and what it might be tomorrow. Digital printing comes with opportunities and limitations which need careful consideration, for example, the impact on R&D, internal logistics, integration in our processes and operators' qualifications. Different options are available: web to web, printing on corrugator, multi pass and single pass. A case study from our industry will reveal a real-life production experience and the lessons learned.

Members responsible for the day: Łukasz Nęcki, Julian Pachniewski, Steve Parr, Antoine Renaer



"Expand your knowledge, discuss with peers, meet suppliers and discover their innovations: the FEFCO Technical Seminar is the only event in Europe which offers such high quality opportunities."

Marc Van Damme Production Committee Chairman

# List of exhibitors

1	Absolute
2	Albany
3	AI-GAR
4	Alliance
5	Ammeraal Beltech
6	Apex International
7	ASAHI
8	ATS
9	Bahmüller
10	Baldwin Technology
11	Barberan
12	Baumer hhs
13	BCM Transtech
14	BHS Corrugated
15	BOBST
16	BP Agnati
17	BW Papersystems
18	Celmacch
19	CHIMIGRAF
20	CUIR
21	Dücker Corrpal
22	Duo-Technik
23	Durst Group
24	EDF Europe

25	EMBA Machinery
26	Emmepi Group
27	Erhardt+Leimer
28	Escada Systems
29	Feldmuehle Uetersen
30	Feltri Marone
31	Fosber
32	Fossaluzza
33	Friese
34	Göpfert
35	Hamburger Containerboard
36	HP
37	JB Machinery
38	JD Engineers
39	Karl Marbach
40	КВА
41	Kiwiplan
42	Lemtapes
43	Macarbox
44	Marotech
45	Metsä Board
46	MHI Europe
47	Minda
48	MOSCA

49	Mühlen Sohn
50	OM Partners
51	Pamarco
52	Policart
53	Powerflute
54	Re Controlli Industriali
55	Reed Exhibitions
56	Renova
57	RISE
58	RTS
59	SEEMI
60	SERRA
61	Shanghai Dasong Corrugating Roll
62	Signode
63	SRC Corporation
64	SUN Automation
65	Tereos Syral
66	Tiruña
67	TRESU Group
68	Valco Melton
69	Valmet
70	VEGA
71	Vonderheiden
72	Witron
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## Practical information

For all practical information regarding the Technical Seminar (exhibition, registration, sponsorship, travel, hotel bookings), please visit: www.fefco.org/fefco-technicalseminar-2017-vienna

#### Registrations

For individual registrations please register online: www.fefco.org/fefco-technicalseminar-2017/registration

For group registrations please contact FEFCO.

#### **Deadlines for Spotlight sessions**

- Registration for spotlight sessions: 30 June 2017
- Spotlight delivery to FEFCO: **1 September 2017**
- Review and feedback to companies: 15 September 2017

Conditions and forms online

#### Sponsorship

The Silver and Bronze Box packages are still available.

If you would like to increase the visibility of your brand during the event, please contact:

nathalie.schneegans@fefco.org

#### **Hotel Booking**

Please note that if you want to secure a room close to the Messe Wien or in the city along the metro line, FEFCO highly recommends that you book your accommodation as soon as possible. FEFCO will not be able to hold all the rooms right up until the event. If the rooms are not picked up by the delegates they will have to be released.

### Travel discount with Lufthansa Group

Please check the procedure on the FEFCO seminar web page.



Swiss





## **Casemaker workshop**

A one-day workshop "Casemakers: the steam engine of box making" organised by the FEFCO Production Committee took place on 1 February 2017 in Dusseldorf, Germany.

The event was attended by over 100 participants from the industry. It was an active day with key industry suppliers presenting their latest developments and innovations, allowing for an open discussion on new converting methods. Highly appreciated by the participants was the good overview of technologies available on the market and the panel of excellent presenters. In addition, a good venue, good organisation and tremendous opportunities to exchange on technical topics made this workshop a real success.

The FEFCO Production Committee is already considering interesting topics for the next one-day workshop in 2018.

"The FEFCO Casemakers workshop was the perfect event for FEFCO members to absorb the latest technical innovations in casemaking. Thanks to this they can make the right decisions in the future when purchasing or upgrading machinery."

Marc Van Damme FEFCO Production Committee Chairman



Moderators from the Production Committee - from left to right: Klaus Lüke, Marc Van Damme (Chairman), Michael Frey



Marc Van Damme thanking the Workshop speakers

FEFCO thanks all the speakers for their contribution				
Yves Bletterie	BOBST Lyon			
Steve Biller	BW Papersystems Frankfurt			
Olof Ronquist	EMBA Machinery			
Esa Koski	EMBA Machinery			
Ralf Schiffmann	Göpfert Maschinen			
Kunio Niuchi	Mitsubishi Corrugating Machinery division of MHI Europe			
Masami Shimizu	Mitsubishi Corrugating Machinery division of MHI Europe			
Ken Hsiao	TCY - Tien Chin Yu Machinery Mfg. Co.			
Olivier Toutin	Toutin Service			
Ulrich Wolz	Wilhelm Bahmüller			

# Over 20 years of FEFCO Life Cycle Analysis (LCA)



The FEFCO/Cepi ContainerBoard (CCB) database for life-cycle studies (LCA database) has a long history. It all started in 1991/1992 when the industry commissioned a study to evaluate the environmental performance of a corrugated box. The results provoked a heated discussion on the methodology used (the allocation of environmental impacts of virgin vs. recycled paper production), quality and source of data. Similar studies were running independently in several countries, leading to confusion. The industry decided to organise its own data collection and to set up an industry database.

In 1994, the database project was started. Questionnaires were developed and agreed among the participating associations. It was agreed to update the database regularly (at least every three years). In 1996, the first two reports were published, followed by reports in 1997, 2000, 2003, 2006, 2009, 2012 and 2015 (visit the website at: www.fefco.org/lca).

Angeline de Beaufort (see picture on the left) was a consultant to the industry for over 20 years. She helped us pioneer the methodology and deliver a high-quality database, widely used today as a reference by the industry and other stakeholders. She will retire in 2017.

We thank Angeline for her invaluable contribution over the years and tremendous support to the corrugated board industry and the success of the FEFCO/CCB LCA database.

This useful work will continue with a new consultant, and the next update will be available in 2018.

## **EU Policy update**

2017 will probably be one of the most challenging years in European Union (EU) history. Following the UK vote in June 2016, the UK Prime Minister Teresa May officially initiated the UK withdrawal from the EU in March 2017. Discussions will start soon but the uncertainty remains, demands and expectations are high on both sides.

Economic growth remains slow, although it is above expectations. According to preliminary results by Eurostat, the Eurozone economy grew by 0.5% in Q1/2017, which should translate to 1.8% annualised growth in 2017.

Several major legislative projects for the corrugated industry are moving forward. The circular economy remains high on the EU agenda. The European Parliament voted in March 2017 its opinion on the proposals by the European Commission on the review of the Waste Directive, led by MEP **Simona Bonafe** (S&D, Italy). The opinion covers the Waste Framework



Directive and the Packaging and Packaging Waste Directive. FEFCO welcomed the vote, which sees increased ambition for delivering the circular economy, recognising that recycling is key to keeping the value of materials in the loop and minimising the use of resources. It also invites Member States to improve the market conditions for bio-based recyclable packaging. The Council is also discussing the proposals of the Commission and an official position is expected in June 2017. Negotiations will be interesting and we all look forward to a final text which is both ambitious and realistic. The Parliament's Environment Committee voted in April 2017 their own report on food waste and food safety. The report recognises the important contribution of packaging in reducing food waste and notes that food packaging that is recyclable and obtained from renewable resources can further contribute to the environment and resource efficiency. Corrugated boxes are an example of such packaging and are already making a valuable contribution to the circular economy.

The Commission is expected to put forward a regulation on printed food contact materials (FCM) in 2018. This initiative is expected to have a direct impact on corrugated packaging for food applications. FEFCO is actively engaged in discussions with the Commission and other stakeholders in the supply chain, including ink producers and the food and drink industry.

# EURACTIV Forum - 21 March 2017 Packaging in the Circular Economy: A Sustainable Business?



On 21 March, FEFCO participated in a high-level forum discussing the role of packaging in the circular economy. The debate, organised by EURACTIV with the support of FEFCO, attracted around 80 participants from EU authorities, NGOs, industry and other EU stakeholders.

The panel was composed of key EU, industry and society representatives:

- Kestutis Sadauskas, Director Circular Economy and Green Growth, European Commission
- Davor Škrlec, MEP (Croatia), Greens/EFA
- Edward Vernon, Environment Unit Coordinator, Maltese Presidency
- Anke Schulmeister, Senior Forest Policy Officer, WWF
- Stefano Rossi, CEO, DS Smith Packaging, representing the Corrugated Industry.

The forum gave FEFCO the opportunity to demonstrate that recycling is the best solution for paper and board. Recycling should be valued, recognised and supported by national governments, the EU and non-governmental organisations. Moreover, bio-based materials such as paper and board contribute to the economy, environment and society.

To summarise the discussion, the panel said that **the separate collection of** 

recyclable materials in order to minimise waste is key to the success of the circular economy. Europe is on the fast track to having a circular economy but not all EU member states are yet willing, or capable, of putting the necessary infrastructure in place to make separate collection a priority, said policymakers present at the event.



"We want to achieve something ambitious, but we need to keep in mind that member states are at different levels. Separate collection will be one of the issues up for discussion at forthcoming Council meetings"

Edward Vernon, Environment Unit Coordinator for Malta, which currently holds the six-month rotating presidency of the Council of the EU, spoke of the EU's commitment to the circular economy.



"Paper and board packaging is a champion in recycling with a 84.7% recycling rate. We can do more but we need help. We need help from the institutions with collection and from every single person in Europe to get every fibre back so we can recycle it!"

Stefano Rossi DS Smith Packaging CEO



"While recycling is important it is just as important to ensure that the virgin fibre being used is sustainably sourced and verified using certification schemes like FSC."

Anke Schulmeister of WWF

#### For additional information

- Watch the video "Packaging in the circular economy: A sustainable business?" on Euractiv.com
- Read the event press release on the FEFCO website
- See all tweets #CircularByNature
- Campaign landing page: www.fefco.org/circular-by-nature
- Also on Twitter @FEFCO, as well as LinkedIn and Facebook.



## **Update on the FEFCO Campaign**

Just a few weeks after the successful 2016 campaign, during which FEFCO developed its expertise and social media presence, FEFCO has developed another set of messages around the circular economy theme.

Why? Because in 2017, the circular economy is a key topic for EU institutions. FEFCO already welcomed the European Parliament's vote supporting the ambitious waste package report, adopted by the Environmental Committee in January 2017.

This year, FEFCO's objective is to address the Brussels EU community to increase public awareness and to create a favourable environment for advocacy. It will achieve this by positioning and establishing corrugated packaging as a model of the circular economy: **Corrugated is circular by nature!** 

Recycling keeps materials like paper and board alive for a long time. The circular economy needs recycling to keep the value of the materials in the loop and to minimise the use of resources. These are facts and we will use them to engage with the EU community of Brussels policy makers, and key EU influencers. **The Circular by Nature** campaign was officially launched during the Euractiv event supported by FEFCO on 21 March in Brussels (see page 9).

FEFCO's second objective is to continue addressing retailers, growers and key business influencers by promoting the importance and relevance of sustainable packaging. Ultimately, we want to demonstrate that consumers prefer sustainable corrugated which is already a circular economy champion with an unbeatable track record.



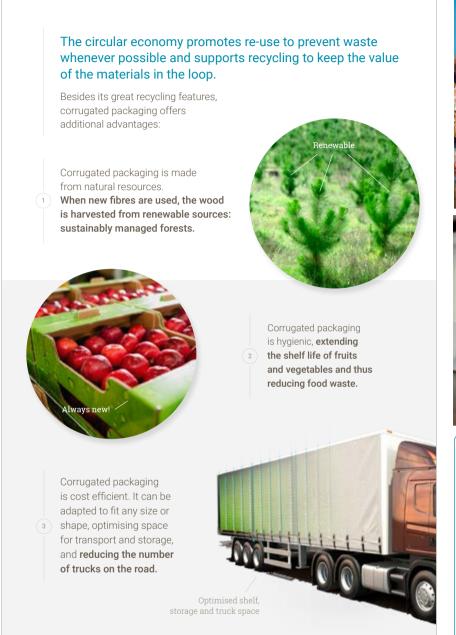


## The Circular Economy needs it!

Recycling keeps materials such as paper and board alive for a long time.

Corrugated packaging is an example of the perfect circle: packaging is collected after use, sorted, then sent to the paper mill for recycling to become paper and board for new packaging. This happens over and over again.





FEFCO will capitalise on its experience and continue promoting the CFQ standard and spreading the arguments of last year's Fresh Produce campaign. In parallel, the online campaign will continue to advertise the positive and indisputable benefits of corrugated packaging.

Social media will be the main communication channel used (Twitter, Facebook, LinkedIn and google adverts). For the past months, FEFCO has been continuously growing its community of corrugated supporters, building awareness and promoting the sustainability of corrugated packaging. The target audience is the retail industry, packaging end-users and growers. Please join us online and spread the good news!

The materials and assets developed for this campaign (adverts and short animations), are already available to all national Corrugated packaging associations, FEFCO members and companies. So please continue to disseminate and use them widely!

#### The perfect circle already exists in real life

Please visit the web page: fefco.org/circular-by-nature #CircularByNature on Twitter @FEFCO



**Raw material** 



#### FEFCO sponsors the Freshfel event (European Fresh Produce Association)

FEFCO is sponsoring Freshfel Europe's annual conference with a view to promoting corrugated usage as an effective packaging material. The Freshfel event will take place on 19-20 June in Brussels. For the first time, it has been organised in conjunction with Profel, the European Association of Fruit and Vegetable Processors. This opens up a unique opportunity to develop new business contacts and to network and exchange views with industry leaders from the fresh, frozen and processed sectors. Freshfel is expecting around 200-220 delegates.

#### Visit: http://freshfel.org/



# **FEFCO Activities**

#### **New FEFCO Members**

A big welcome to the following new members who have recently joined FEFCO:

#### Sympathiser members

- Dasong Corrugating Roll China www.rmm-dasong.com
- Flexo Concepts, USA www.flexoconcepts.com
- SRC Corporation South Korea www.srcroll.com
- SMB Schwede Maschinenbau Germany www.smb.biz
- Siegwerk Belgium www.siegwek.com

#### **Corresponding members**

- VPK Peterson Denmark
- VPK Peterson Norway www.vpkpeterson.com

#### **Thomas Maiwald**



Thomas Maiwald became the FEFCO Market & Environment Director in February. Thomas brings to FEFCO retail expertise

*Thomas Maiwald* and insights, including extensive knowledge of packaging

Thomas is continuing the M&E activities with a main focus on enhancing the image of corrugated in the eyes of retailers and customers of corrugated. The M&E`s

combined with food retail experience.

challenge is to show how corrugated can add value to our customers' and retailers' businesses with, for example, shelf ready packaging, brand communication, shelf appearance and its positive environmental impact.

### FEFCO Board of Directors and Committee updates

#### **Board of Directors**



Roberto Villaquiran has resigned as CEO Europe of Smurfit Kappa Group to pursue another opportunity. Saverio Mayer replaces Roberto as Smurfit

Kappa's new European Chief Executive Officer (CEO). Saverio Mayer will replace Roberto Villaquiran on the FEFCO Board of Directors until the next General Assembly (28 June).

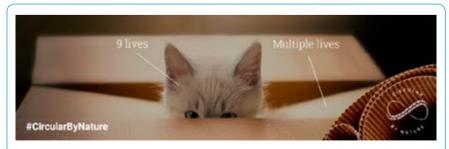


Alexander Manisty represents DS Smith Packaging on the Board of Directors. He is also a member of the M&E Committee.

Alexander Manisty

#### **Production Committee**

The Production Committee welcomes Antoine Renaer from DS Smith Packaging and Steve Parr from Smurfit Kappa UK as new members.



Please visit the web page: fefco.org/circular-by-nature #CircularByNature on Twitter @FEFCO

## **Events**

#### **FEFCO Technical Seminar**

11-13 October 2017 Messe Vienna Austria www.fefco.org/fefco-technical-seminar-2017vienna



#### Save the dates!

FEFCO Summit 23-25 May 2018, Stockholm, Sweden Clarion Hotel

#### 2017 ICCA/WCO Global Summit

17-19 October 2017 Brazil www.iccanet.org



RosUpack 20-23 June 2017 Moscow, Russia www.rosupack.com

#### PRIMA

6-7 September 2017 Mövenpick Hotel Berlin, Berlin, Germany www.prima-paper.com

#### Pakfood

25-28 September 2017 Poznan, Poland www.pakfood.pl

#### **PPMA Total Show**

26-28 September 2017 Birmingham, United Kingdom www.ppma.co.uk



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www.fefco.org