



Why Attend the FEFCO Technical Seminar?

28-30 October 2015 - Barcelona

Interview with Marc Van Damme



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Leopoldo Santorroman
AFCCO President

Dear Colleagues,

This year's unmissable event is the FEFCO Technical Seminar, which will take place in Barcelona, Spain. It is with great pleasure that I cordially welcome you to one of the most beautiful and diverse cities in the Mediterranean which is also a unique setting for congresses and business meetings.

After Nice in 2007, Southern Europe is once again playing host to one of our industry's most important events. Barcelona is an outstanding venue, offering exceptional infrastructure, necessary for the organization of such a seminar. The Barcelona International Convention Centre (CCIB) is an integral part of Diagonal Mar, the newest development on Barcelona's seafront. In addition, there are good networking opportunities with hotels within walking distance of the CCIB.

The programme of the FEFCO Technical Seminar will clearly be the highlight of the event. This year the theme is "Corrugated 4.0: Smart Factories for Flexibility and Efficiency". Discussing different issues will bring us closer to the innovative processes that have taken place in recent years. Themes such as intelligent machines, processes and how new developments will re-shape the industry will be explored at this biennial meeting.

The FEFCO Production Committee is the leading authority in the field of corrugated board manufacturing within the European Corrugated Board Industry. The committee has organised this not-to-be missed seminar which is the only European event that focuses on both technical aspects and practical issues of the corrugated board industry.

The FEFCO Technical Seminar provides an excellent training opportunity for managers working in production maintenance and R&D. It also serves to further develop work in these areas. Knowing and keeping track of the latest technological advances is the aim of this meeting, but it offers, of course, an excellent opportunity for networking as well.

I am convinced that the event will fulfil all its objectives. And why not also visit beautiful Barcelona after useful and productive sessions at the FEFCO Technical Seminar?

Corrugated 4.0: Smart Factories for Flexibility and Efficiency

**REGISTER FOR THE NEXT FEFCO
TECHNICAL SEMINAR WHICH WILL BE
HELD AT CCIB, BARCELONA, ON 28-30
OCTOBER 2015**



Interview Marc Van Damme Chairman of FEFCO Production Committee

Why do you think FEFCO member companies should attend this event?

The biennial FEFCO Technical Seminar is the only European forum where the industry can take advantage of three major opportunities under one roof:

- Networking between industry colleagues and the supply industry
- Learn about new developments, innovations and new insights

- Meet current and potential suppliers and get to know more about their products and services.

Starting with the first reason to attend - networking - why do you think the FEFCO Technical Seminar is a good opportunity?

Last time, the Technical Seminar was attended by more than 800 industry members. Having this group of high-level and dedicated professionals attending an event creates a lot of opportunities to

meet and share experiences with your peers. To facilitate this interaction, the Production Committee chose a location where the seminar, exhibition and hotels are all within walking distance of each other. This will undoubtedly stimulate networking, even outside seminar hours. In this fast-changing world, the value of networking should not be underestimated.

As a second reason to attend the seminar, you mentioned knowledge transfer. What can we expect this time?

During different presentations, industry leaders and technical specialists will give insights on new developments and innovations, which are having a major impact on our industry. As a general manager, plant manager, technical responsible and so on, we are consumed by our daily worries and problems. For that reason it is almost imperative to take some distance now and then from short term issues and take the time to absorb the high level view of specialists in our industry. Our industry is not known as one which evolves quickly, but nevertheless we can expect major changes in the way we operate today.

Thirdly you mentioned the opportunities the Technical Seminar offers for meeting suppliers. I thought this was a "small world, what can the TS add to this?"

It is true that our suppliers and potential suppliers can be reached via the internet, and some of them organise open days. And they are of course willing to visit us at our plants. But by having the possibility to see and speak with them at a three-day event with almost 100 booths, a lot of time can be saved. Above all, suppliers can present their products, services and innovations in a seven-minute spotlight. These spotlight sessions are well attended and are often an eye opener to those watching.

This time, the general theme of the Technical Seminar will be "Industry 4.0". For those who are not familiar with this concept, what does it mean and how does it relate to our industry?

The members of the Production Committee discussed for a long time what

the general theme should be. Finally we all agreed that our rather traditional industry will be challenged by the threats and opportunities that lie ahead. We can see that our environment is changing rapidly: internet shopping, The Internet of Things, digitization of information and knowledge, digital production processes, production on demand etc. Our industry is part of a supply chain which is evolving fast.

To bring together all the challenges that will affect the manufacturing industry, the concept "Industry 4.0" was introduced. Industry 4.0 is a collective term for technologies and concepts of value chain organisation.

To bring together all the challenges that will affect the manufacturing industry, the concept "Industry 4.0" was introduced. Industry 4.0 is a collective term for technologies and concepts of value chain organisation. Based on the technological concepts of cyber-physical systems, the Internet of Things and the Internet of Services, it facilitates the vision of the Smart Factory.

As Industry 4.0 is new for our industry, focus will be on the prerequisites that are required and how to prepare our business to follow the demands of this evolutionary step.

Although this looks rather theoretical at first sight, we will for example give insights on how our customers will communicate with us, how machine suppliers can help us to get "smarter" machines, processes and factories or how paper suppliers will transfer data specifications from paper mill to corrugator.

Interesting! The previous Technical Seminar in 2013 in Copenhagen was a great success with record attendance by

industry members and supplier booths.

What do you expect from this seminar?

The Technical Seminar in Copenhagen was indeed not only a great success in numbers, but also received a very positive response in terms of qualitative parameters, the content of the seminar and the organisation of the event. This time the Production Committee has chosen the Congress Centre in Barcelona. As in Copenhagen, the seminar, the spotlights, the booths and the hotel will all be under one roof, or at least within walking distance. We are sticking to this winning formula.

Although registrations only opened recently, we can already announce that the number of booths will exceed the number in 2013. Given the high number of group registrations (SKG, DSS, Dunapack, Hamburger, VPK) we are expecting a record number of industry members as 500 delegates have registered so far.

In the coming months, the Production Committee will be working hard to ensure high-level content for the seminar, meeting the high expectations of the delegates.

One final question: can you give us a good argument why the industry should attend this event?

The Technical Seminar is a unique platform for the European Corrugated Industry. This is the 18th time that FEFCO has organised this event adding up to more than 30 years of technical excellence. At this three-day event, delegates can in a short space of time gather ideas and contacts, which would otherwise take much more time, or would not even be available to them.

In an environment which is evolving so fast you can no longer depend on local initiatives and goodwill for knowledge, innovation and insights. Nowadays these are triggered by sharing information with your colleagues and peers.

And then I've not yet mentioned that Barcelona is one of the nicest locations in Europe

Thanks a lot for this interview and see you in Barcelona!



Preliminary Programme

Wednesday 28 October 2015

- 09.00 Registration
- 10.00 Welcome Coffee and exhibition visit
- 10.30 **Welcome Address**
Marc Van Damme - FEFCO Production Committee
Chairman
- 10.45 Spotlights
- 11.45 Break
- 12.15 Spotlights
- 13.15 Snack Lunch on the exhibition floor
- 14.00 **Welcome Address**
Roberto Villaquiran - FEFCO President
- 14.30 **What is 4.0? Smart Factories for Flexibility and Efficiency**
- 15.05 **Customer's view on the corrugated industry of the future**
- 15.40 Break and exhibition visit
- 16.30 **Requirements and road map to Industry 4.0**
- 17.05 **Supply chain aspects of Industry 4.0**
- 17.40 Spotlights
- 18.15 Exhibition visit
- 19.15 Cocktail reception sponsored by HP

Thursday 29 October 2015

- 09.00 Seminar - Animation and Intro
- 09.05 **R&D in a 4.0 Environment**
- 09.40 **Digital printing**

- 10.10 Coffee break and exhibition visit
- 11.00 **The converting process**
- 11.45 Break
- 12.30 Spotlights
- 13.15 Lunch in the banquet room followed by coffee on the exhibition floor
- 14.30 Spotlights
- 15.30 Break
- 16.15 Spotlights
- 17.30 Exhibition visit
- 18.30 Exhibition closes

Friday 30 October 2015

- 09.00 Seminar - Animation and Intro
- 09.05 **Health and safety**
- 09.40 **Corrugators in a 4.0 Environment**
- 10.15 Coffee break and exhibition visit
- 11.30 **Paper for corrugated**
- 12.05 Award ceremony and closure
- 13.00 Lunch on the exhibition floor
- 14.30 Exhibition closes - end of event



Main Sponsor
Gold Box Sponsor



Silver Box Sponsor
All lunches and coffee breaks

List of Exhibitors

A.G. Stacker	Marotech
Absolute Engineering	MarquipWardUnited
Albany International	Mayr-Melnhof Karton
Al-GAR	Metsä Board
Alliance	Metso Automation
Ammeraal Beltech	MHI Europe
Apex International	Minda Industrieanlagen
ASAHI MACHINERY EUROPE	MOSCA
Barberan	Mühlen Sohn
Baumer hhs	OM Partners
BCM Transtech	Pamarco Global Graphics
BHS Corrugated	Powerflute
BillerudKorsnäs	R.T.S
BOBST	Re Controlli Industriali
BP Agnati	Renova
Celmacch Group	SEEMI
CHIMIGRAF	Signode
Copar	Stora Enso
Dicar	SUN Automation Group
DUO-Technik	Talleres Serra
DuPont	Terdeca
Durst Phototechnik	Tiruña
EDF Europe	TRESU
EMBA Machinery	Valco Melton
Erhardt+Leimer Corrugated	VEGA
Escada Systems	WDX
ESKO	Wilhelm Bahmüller
Feltri Marone	Witron Logistik+ Informatik
Fosber	
Fossaluzza	
Friese	
FUJIFILM Dimatix	
Göpfert Maschinen	
Hamburger Containerboard	
HP	
INNVENTIA	
JB Machinery	
JD Engineers	
Karl Marbach	
Kiwiplan	

Practical Information

You can find useful information on the Technical Seminar web pages: www.fefco.org/fefco-technical-seminar-2015-barcelona

If you would like to know more about the previous Technical Seminar you can view a short video on the FEFCO Technical website/ general information.

Hotel situation

If you want to secure a room close to the CCIB, FEFCO highly recommends that you book your accommodation as soon as possible. FEFCO will not be able to hold all the rooms until mid-October. If the rooms are not taken up by the delegates they will have to be released

Travel arrangements - Star Alliance Agreement

Registered participants plus one accompanying person travelling to the event can qualify for a discount of up to 20%, depending on fare and class of travel booked. To obtain the Star Alliance Conventions Plus discount click on the link and follow the steps in the travel information page on the event website. You will also find a full list of participating airlines.





FEFCO Workshop on Acceptance Procedures for Converting Equipment

7th May 2015 - Brussels



FEFCO launches Standards for Converting Equipment

On Thursday 7 May FEFCO launched its new book presenting 43 conversion equipment standards developed under the guidance of the FEFCO Production Committee.

FEFCO Standards for Converting Equipment – Technical Specification for Equipment and Processes was produced because the members of the Production Committee identified **Quality** as one of the most important parameters.

Following the last Technical Seminar in Copenhagen there were many presentations on Zero Defects and these standards came as a response to this challenging issue. Quality can only be achieved if the equipment and processes are in line with the specifications of the



equipment that has been ordered. With this in mind the Committee decided to put together these standards to help the industry with the following:

- Enable the like-for-like comparison of equipment properties as described in the 43 standards.
- Avoid the under or over specifying of equipment and products produced and also help define what is needed.
- Help customer and supplier to agree on a level when equipment is ordered and check it when it is delivered.
- Measure and record over time the state of equipment. This also allows for the measurement of the impact of maintenance.
- Set quantitative targets for process improvement for existing and new technologies.

This collaborative work is an excellent example of what our work at FEFCO is all about: gathering industry know-how for the benefit of all!

Angelika Christ, FEFCO Secretary General

More than 60 delegates attended the **Workshop on Acceptance Procedures for Converting Equipment**.

During this one day event, end-users and suppliers gave useful presentations and shared their experiences and support for implementing these standards. There were many intense discussions on processes and machine testing. Delegates discovered that the standards could help them to specify machine and process parameters when purchasing machinery. Doing checks at the commissioning of machinery could potentially improve overall equipment productivity.





Marc Van Damme
Chairman FEFCO Production
Committee



Jan Lindstrom
MarquipWardUnited



Ulrich Wolz
Bahmüller



Wilbert Streefland
Technology Coaching



Richard Coward
Rigid Containers



Anello Meloro
BOBST



Dominique Ravot
BOBST



Klaus Lüke
Klingele Papierwerke



Mats Nilsson
Dücker Corrpal



Angelika Christ
FEFCO Secretary General

As mentioned several times during the workshop a machine only generates profit when it is running! As mentioned several times during the workshop a machine only generates profit when it is running!

Marc Van Damme, VPK (FEFCO Production Committee Chairman) chaired the workshop. Marc, together with the Production Committee, also initiated, guided and monitored the whole project.

Wilbert Streefland (Technology Coaching) is the author of the book of Standards for Converting Equipment. During this one

Richard Coward (Rigid Containers) gave a very entertaining presentation with many anecdotes from his professional life; this was a very enjoyable way to share his long experience in equipment purchasing. Participants could see that the problems identified some years ago were still valid today.

Jan Lindstrom (MarquipWardUnited) showed how his company is using the standards for checking printing equipment and he emphasized the many benefits of the standards.

Ulrich Wolz (Bahmüller) explained the impact of the standards on the folding of boxes and insisted on the fact that it is essential that the supplier perfectly understands the customer's needs, in terms of process and product to deliver. He gave useful checklists and procedures and concluded that based on the FEFCO standards, the company could further improve the equipment to fulfill the industry's customer needs.

Klaus Lüke (Klingele Papierwerke) shared some practical experience by presenting test results using these standards.

Finally, Mats Nilsson (Dücker Corrpal) explained how to use the standards when testing the breaking and palletising process. His analysis confirmed that the stacking formation and die tool layout tells how a stacking formation needs to be build up and in what way it influences the palletiser speed.

This book of Standards is a living document and will be updated whenever needed or appropriate. It will be available on the FEFCO website just after the Technical Seminar

Marc Van Damme – Chairman FEFCO Production Committee

day event he briefly introduced the 43 standards and explained the methodology and the logic that led to the development of these standards.

He also concluded the day by disclosing the pass/fail results of machine tests using some of the standards and he highlighted the main problem areas that had been identified.

Anello Meloro and Dominique Ravot (BOBST) presented their work on die cutting and what needs testing. Meloro highlighted the key role of tooling and the importance of prescription and standardisation. He explained how to measure creasing. Ravot presented the key characteristics of rotary die-cutting and how to measure them for acceptance testing.

On the occasion of this workshop the FEFCO book of Standards was distributed to the participants. Later this year, the book will be more widely spread and will be handed out to the 800 delegates who are expected to attend the next FEFCO Technical Seminar (Barcelona, 28 - 30 October 2015). After this seminar it will be available on the FEFCO website.



The Corrugated World meets in China



If you wanted to meet the top representatives from both Corrugated Manufacturers and Containerboard Producers from all over the world, you were right to attend the ICCA/WCO conference in Taipei and Shanghai from 13-17 April 2015. The choice of these two venues provided balance in every aspect, leading also to the highest participation ever, with 215 people from 25 countries.

Frank Cheng, ICCA Chairman and Vice Chairman of the Cheng Loong Group, was the perfect host at both locations where his company is active in the paper and corrugated business. He and his family gave insight into Chinese business and Chinese culture, which provided the framework for intensive global networking. For the part of the conference which took place in Shanghai, ICCA cooperated closely with the China Packaging Federation and SinoCorrugated 2015.

If you were hungry for corrugated and containerboard information from the analyst's point of view, the conference was the right place to be. There were in-depth analyses on the host country China and the continent Asia, as well as presentations on the economic and political framework of the old world of the Americas and Europe. This gave participants plenty of food for thought on possible developments in our world. The presentations about the economic outlook portrayed continued global economic growth of 3% to 3.9% (depending on the organization doing the forecasting) over the coming years with global corrugated demand growing from

3.6% to 4.1%. This increase is largely based on the high growth being experienced in China, SE Asia and India offsetting lower growth in North America and Europe.



Klaus Thimm - former Chairman of the FEFCO Market & Environment Committee.



Angelika Christ FEFCO Secretary General

Focusing more on practical business there were presentations on what our industry is doing to face the challenge of Returnable Plastic Crates – a big issue in Europe and North America. Of course FEFCO ambassadors Mr. and Mrs C were there, presented by Klaus Thimm, former Chairman of the FEFCO Market & Environment Committee. He brought as a lasting present for Frank Cheng a life size corrugated Mr C. Additional content came from suppliers who – like Lars Engel – presented the whole philosophy of Industry/Corrugated 4.0.

José Soares from Klabin became the new ICCA Chairman, and consequently the next conference in 2017 will take place in beautiful Brazil. Rumours indicate Florianopolis as the possible venue. José faces a big challenge to beat this "best ICCA conference ever"! The ICCA Board of Directors elected as new Vice Chair Brian McPheely, CEO of Visy Pulp & Paper, with operations in Australia and the U.S. He will become Chairman from 2019 to 2021.

CITPA recent Activities

CITPA is the International Confederation of Paper and Board Converters in Europe. Established in 1961, it represents the interests of the European paper and board converting industry to the European Institutions in Brussels.



CITPA coordinates on issues of common interest to the paper and board converting industry and where possible undertakes actions, usually in cooperation with neighbour associations such as The Confederation of European Paper Industries (CEPI). There is a special emphasis on packaging issues.

A key topic at the Environment Committee currently is the Circular Economy. A draft package of measures aimed at establishing a Circular Economy in Europe was withdrawn in December 2014 and a new more ambitious package is promised by the autumn. This will consist of legislative proposals on EU waste targets and a non-legislative roadmap. Stakeholder workshops and an on-line consultation are about to begin in advance of the official publication. On

this matter CITPA is working with other paper based associations in the Paper Packaging Coordination Group to convey key joint messages from the supply chain. Environmental Footprinting is also an issue which is followed closely. The European Commission's project on Product Environmental Footprinting includes a pilot study on "Intermediate Paper" and also a series of pilots on packaged food and drink products. Also, relevant ISO and CEN Standards are monitored carefully to assess their potential impact on the converting sector. With these LCA developments in mind, CITPA is currently working on an update of its Guidelines to calculate Carbon Footprints. New elements need to be added to the original Guidelines dating from 2007 to meet ISO/CEN requirements. As part of the value chain "Pulp, paper and

converting" CITPA is participating in an EU study on the cumulative cost assessment of specified EU legislation and policies on the EU forest-based industries which aims is to evaluate the cost of applying the EU legislation, and the results of which will then help to inform future legislation.

The Product Safety Committee is equally busy dealing with issues concerning paper and board in contact with food. These include monitoring the draft German legislation on printing inks and mineral oils and keeping up to date with EU requirements. CITPA also works closely with CEPI on food contact issues. The committee also serves as a forum where members share information on upcoming or existing legislation on product safety in their respective country.





Here is a list of active Twitter and other social media accounts hosted by associations within our sector.

Early May the Twitter accounts have in total 4210 followers in Europe and 5650 including the USA.



AICC

- @FindaBoxMaker
Tweets 834 | Followers 299
- @SheetPlantAssoc
Tweets 272 | Followers 188
- @AICC_President
Tweets 92 | Followers 99
- @AICC_Meetings
Tweets 236 | Followers 156

UK

- @CorrugatedCPI
Tweets 343 | Followers 828

USA

- LinkedIn
Fibre Box Association
- @corrugatedpkg
Tweets 862 | Followers 700



Follow the industry on Twitter and other social media platforms!

Europe

- @FEFCO
Tweets 431 | Followers 893
- LinkedIn
FEFCO Technical Seminar
- @Corrugated_OC
Tweets 685 | Followers 476

Italy

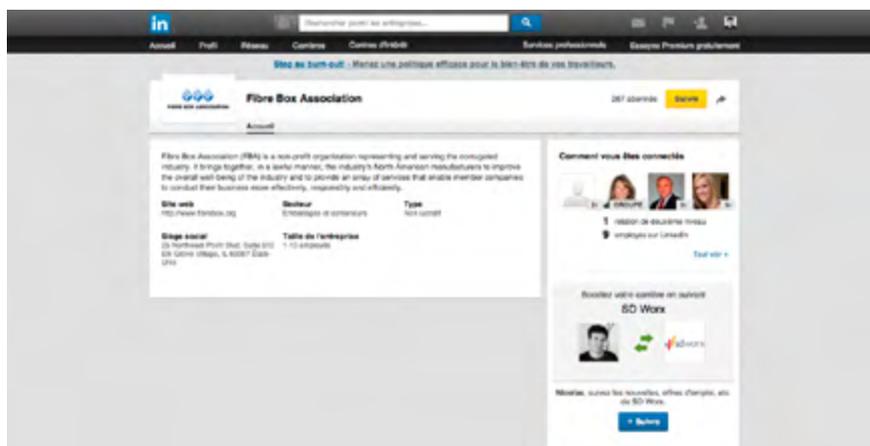
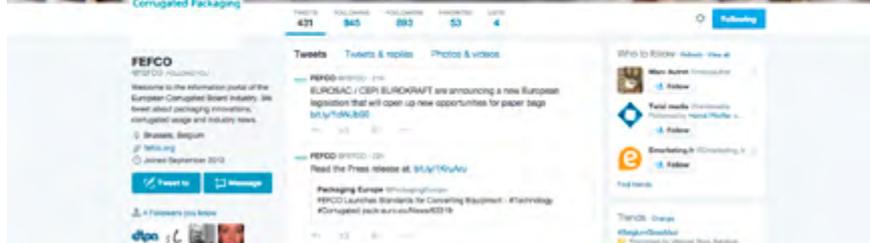
- @ASSOCARTA
Tweets 461 | Followers 336
- Consorzio Bestack*
- @bestackofficial
Tweets 93 | Followers 521

Germany

- @VDW_eV
Tweets 75 | Followers 171

Spain

- @Plaform_EN
Tweets 430 | Followers 243
- @Plaform
Tweets 1253 | Followers 740



FEFCO AND THE CIRCULAR ECONOMY



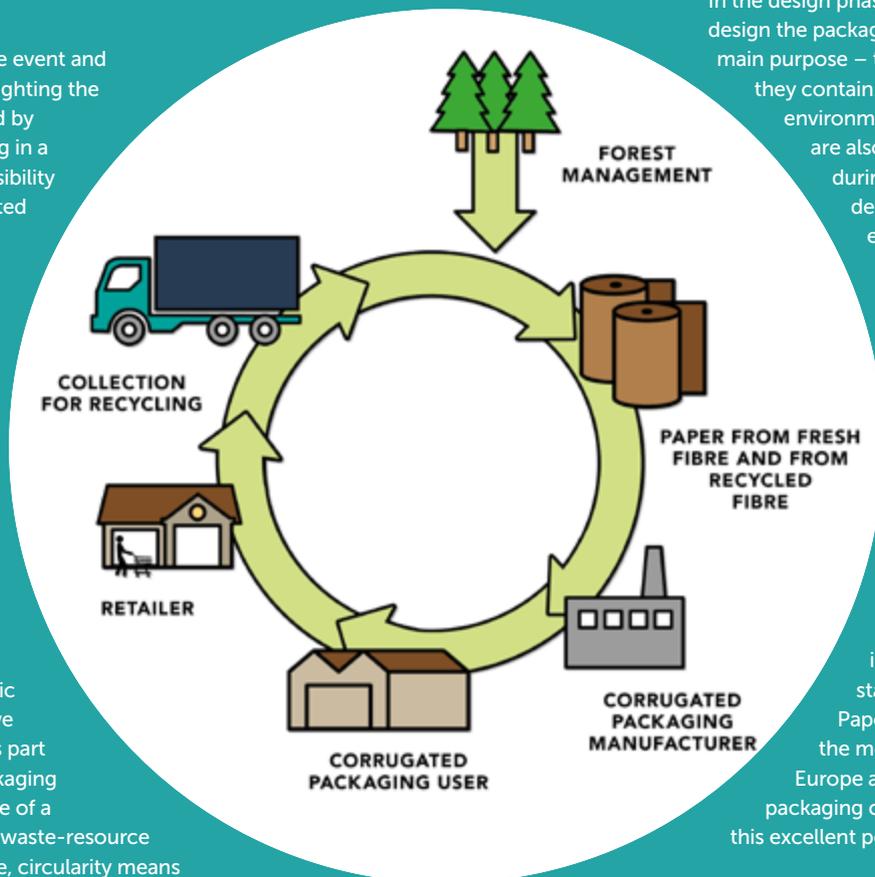
The 2015 Packaging Waste & Sustainability Forum took place in Brussels on 25-26 February. The focus was the Circular Economy Package and the renewed political and technical discussions around it. The event gathered delegates from packaging companies, retailers, waste management companies and EU institutions amongst others.

FEFCO sponsored the event and made a speech highlighting the important role played by corrugated packaging in a circular economy. Visibility of Mr C and Corrugated of Course was very high with displays at key locations at the venue that attracted delegates' attention.

Corrugated is a real story of the circular economy. The Circular Economy requires closed loops and interconnection between all different policies and economic instruments. When we speak about waste as part of it, corrugated packaging is the perfect example of a resource - product - waste-resource closed loop. In nature, circularity means

renewability. The trees, used as raw materials for paper production which is further converted to corrugated are a renewable resource. More trees are planted

CORRUGATED PACKAGING A CIRCULAR ECONOMY



every year than harvested. European forests have grown by over 30% since 1950 and are increasing in size by an area of 1.5 million football pitches every year. In this way the paper and board value chain makes a significant contribution to the circular economy – by adding renewability.

In the design phase, corrugated experts design the packages to best serve their main purpose – to protect the products they contain. At the same time, environmental considerations are also taken into account during that phase. The design respects the EU essential requirements for packaging. Moreover, corrugated packaging is designed in a way to make it easy for the retailer and customer to handle and prepare for collection and recycling.

Our corrugated boxes complete the circle via the paper recycling facilities, where they are processed from waste into recycled paper to start the journey all over. Paper and board packaging is the most recycled packaging in Europe at over 80%. Corrugated packaging contributes significantly to this excellent performance and image.

FEFCO Activities



New WS-President - Thomas Berndt

After 3 years
as President of
Wellkarton Schweiz,
the Swiss Corrugated
Packaging Manufacturers

Association, Christoph Haefeli of Model
AG has handed over the presidency to
Thomas Berndt.

Thomas Berndt, who was previously
president from 2009 to 2012, is CEO
of Smurfit Kappa Swisswell. The
Association's vice president is Bernd
Dilger, CEO of DS Smith Packaging
Switzerland.



Jan Gramsma has started in his position as Market & Environment Director at FEFCO.

Jan was Managing
Director of Kappa
Packaging production

sites in France and Belgium and also
worked as a Sales Director for Kappa,
being responsible for pan-European
customers. Next to that, Jan held
general management positions in both
the offset printing - and the protective
packaging industry in The Netherlands,
Belgium, France & Germany. He lately
worked on a retail project for the Dutch
and Belgium Federations of Corrugated
Board Manufacturers.

New FEFCO Members

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

Sympathiser Members

R.T.S. Information Systems

Italy
www.rtsystem.com

Wandalex

Poland
www.wandalex.pl

TKM GmbH

Germany
www.tkmgroup.com



audiovisual.europarl.europa.eu

Corresponding Members

Arabian Packaging

Unite Arab Emirates
www.arabpack.com

Carmel Container Systems Ltd.

Israel
www.carmelccs.com

Haitoglou Hartel Sa

Greece
www.hartel.gr

EU Activities

One of the Commission's top priorities,
Digital Single Market, is moving forward.
The Commission adopted a Digital Single
Market Strategy in May 2015 including
a detailed plan with actions to be
delivered by end 2016. One such action
is setting EU harmonised rules to make
cross-border e-commerce easier. The
strategy lays down 16 actions to lead to
a fully functioning Digital Single Market,
expected to bring 415 billion euro per
year to the economy and hundreds of
thousands jobs.

Another topic of specific interest to
corrugated is the proposal for a directive
on medium combustion plants. The
European Parliament ENVI committee
voted in May 2015 on its compromised
amendments. However, there are some
substantial differences between the
compromise voted by the Parliament and
the Council position. Now, the Council,
Commission and Parliament have to
agree on a joint compromise text. FEFCO
continues to follow the discussions and
engage, as relevant.

Events



FEFCO Technical Seminar 2015

28-30 October 2015
CCIB – Barcelona, Spain
www.fefco.org/feeco-technical-seminar-2015-barcelona

FEFCO Summit 2016

The Grand Hyatt in Berlin - Germany
Save the dates!
18-20 May 2016

Other events

RosUpack 2015

16-19 June 2015
Crocus Expo, Moscow
www.rosupack.com

Pack & Gift 2015

17-18 June 2015
Porte de Versailles, Hall 5.2
www.packandgift.com

Ipack

3-6 September 2015
Istanbul, Turkey
www.ite-ipack.com

Packaging Innovations 2015

16-17 September
Olympia London, UK
www.easyfairs.com

FachPack

29 September - 1 October 2015
Nürnberg, Germany
www.fachpack.de

FEFCO

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