

## Don't miss the chance to meet the corrugated industry and its suppliers in Lyon!

2  
Editorial  
Marc Van Damme  
OIC Chairman

2-6  
Technical Seminar  
25-27 October 2023  
Lyon, France

7  
Update on the Packaging  
and Packaging Waste  
Regulation

12  
FEFCO activities

## Editorial



**Marc Van Damme**  
Chair OIC

### Transforming potential threats into opportunities

The next FEFCO Technical Seminar is on 25–27 October in Lyon, France. The programme is devised by the FEFCO Operational and Innovation Committee to help you deal with the ongoing post-Covid disruptions, and transform challenges into business opportunities.

- Supply chain disruptions affecting purchasing of spares and machinery.
- Flipping from an undersupply of packaging paper to paper overcapacity.
- Unprecedented packaging demand drops caused by income uncertainty (private and industrial).
- Influx on the market of low grammage papers.
- Energy market fluctuations (capacities and price).
- Need for further integration of automation and digitalisation in manufacturing plants.
- New and expected regulations covering: plastic bans, packaging reuse, void space reduction and chemical substances in corrugated packaging.
- Pressure to make products and manufacturing processes more sustainable by 2030/2050.

These challenges are moving all industries into new areas; the corrugated industry is no exception. However, there are also opportunities for those who are well informed and taking decisions based on verified facts and information.

This is where the FEFCO Technical Seminar indisputably adds value for the corrugated industry, by providing:

- high level presentations from leading industry specialists
- 'spotlight' sessions showcasing suppliers' latest innovations and offers
- 164 stands units and around 110 exhibiting companies presenting suppliers' new products and solutions
- networking opportunities with suppliers and industry peers.

To support the right strategy, operations and investment decisions, the Technical Seminar will focus on trends and innovations, including: innovations in energy efficiency and energy reduction, light paper grammages, artificial intelligence (AI), starch boosters, multiple out on casemakers, digital print-on casemakers, logistics flows, bio-based coatings, cybersecurity and EU legislation.

The OIC members and I will be delighted to welcome you at the next Technical Seminar. We count on your support and look forward to meeting you in Lyon!



## Join us at the 2023 FEFCO Technical Seminar, Shaping our future through innovation (25-27 October - Lyon, France).

The FEFCO Technical Seminar will return to France after 14 years, and for the first time take place in Lyon. It will be held at the Lyon Convention Centre, a state-of-the-art events complex in the heart of the Cité Internationale, designed by architect Renzo Piano, next to the Parc de la Tête d'Or. The venue offers a host of on-site services, nearby amenities and hotels within walking distance. It can be reached in just 15 minutes from the city centre, by bus in a dedicated bus lane.

**T**his event offers an unmissable opportunity to connect with peers and meet corrugated industry customers and colleagues, and to showcase and discover the latest developments in machines, products and services. The exhibition brings together 110 exhibiting companies who are all industry suppliers, as well as Sympathiser members of FEFCO.

All lunches and coffee breaks will be conveniently held in the exhibition space allowing more time for participants to get together. Moreover, it's easy to get from the conference auditorium to the exhibition area, as they are close to each other.

The 3-day programme and exhibition provide a highly efficient and cost-effective way to connect with your peers, meeting all the people you need to see, thereby saving both costs and valuable travel time.



A highlight of the event is the conference, where speakers will share valuable information tailored for managers working in production, maintenance, logistics, R&D, and health and safety.

### What's new this year

The Operations and Innovation Committee has built a programme that presents the latest developments in machinery, paper, converting, testing and standards. The seminar will also provide a platform to discuss how e-commerce, sustainability, health and safety, training, and artificial intelligence can contribute to the future growth of the corrugated business. The programme includes four panel discussions. The first is a high-level discussion on innovation and reuse. The second and third will be dedicated to a hot issue: energy efficiency for corrugators. The last one will focus on innovation related to case makers.

The FEFCO Technical Seminar has grown consistently over the years, thanks to its focused and inspiring content. It has become recognised as the best gathering in Europe for the corrugated industry decision makers and its suppliers. We are counting on your presence to make this another successful event, where attendees will yet again say "Wow! That was the best FEFCO Technical Seminar ever!"

Don't miss this opportunity to stay at the forefront of industry trends and establish new networks! Mark your calendar for 25 October to join us in Lyon at the FEFCO Technical Seminar.

### Practical information

For all practical information regarding the Technical Seminar (exhibition, registration, sponsorship, travel, hotel bookings) please visit <https://www.fefco.org/feeco-technical-seminar-2023>

### Registration

It is still possible to register! For individual registrations, please register online: <https://www.fefco.org/feeco-technical-seminar-2023/registration>. For group registrations above 10 participants, please contact FEFCO.

### Hotel reservation

Please note that if you want to secure a room close to the Technical Seminar venue, we highly recommend that you book your accommodation as soon as possible. Some hotels are already fully booked, and others filling up rapidly.

You can also book nice accommodation in the heart of the city centre (next to the town hall) in the Lyon Presqu'île district. The C5 is a dedicated bus line connecting the city centre to the Lyon Convention Centre.

**Warning:** Scammers and room poachers claiming to partner with FEFCO may call or email you to persuade you to book your hotel with them at low rates. They also request full payment for your stay in advance. Be vigilant: please book directly with your hotel or via a reputable hotel booking website.

### Spotlights

Stay up to date and discover the latest innovations presented by the machinery or service providers to the corrugated industry in Spotlights. The Spotlight is a 6-minute presentation featuring innovations in production and/or a service related to corrugated board manufacturing. The sessions are fully integrated into the conference programme and open to all attendees. They always generate a great deal of interest among our delegates. Awards are presented to Spotlight winners selected by a FEFCO jury of Committee members.



### Useful information in Lyon

#### Centre de Congrès de Lyon (Lyon Convention Center)

- **Location:** Cité Internationale
- **Address:** 50 Quai Charles de Gaulle, 69006 Lyon, France
- [www.ccc-lyon.com/en](http://www.ccc-lyon.com/en)

The FEFCO exhibition will take place in the Terreaux Lobby and the conference will be held in the Lumière auditorium. The Convention Centre is easily accessible by public transport from the city centre in around 15 minutes.

For more details, see [www.ccc-lyon.com/en/getting-lyon-convention-centre](http://www.ccc-lyon.com/en/getting-lyon-convention-centre)

#### Lyon tourist office and convention bureau information

<https://en.lyon-france.com>



## Spotlight 2023 deadlines

- Registration for spotlight sessions: 30 April
- Spotlight file delivery to FEFCO: 31 May
- Spotlight review and feedback to participants: 30 June
- Final spotlight file delivery to FEFCO: 31 July
- Modifications (title & presenter name): 31 August

## The FEFCO Awards

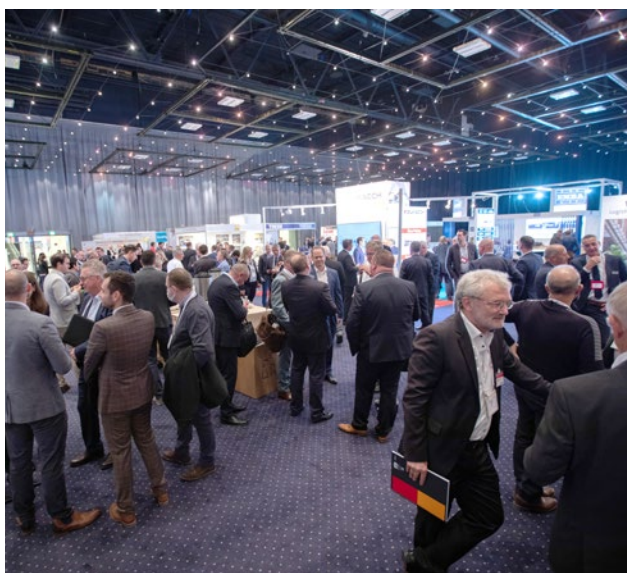
The jury will choose winners in the following categories:



- Best Innovation (Gold, Silver and Bronze Award)
- Health & Safety award
- Best presentation
- Sustainability Award
- Special Award for the most inspiring new FEFCO member

The Award Ceremony will be held on Friday 27 October at 11:40.

For information on registration or any practical information please contact FEFCO at: [fefcosecretariat@fecco.org](mailto:fefcosecretariat@fecco.org) or +32026259835.



# Preliminary Conference Programme

## DAY 1, 25 OCTOBER

08:00	Registration
08:30	Welcome coffee and visit of the exhibition
10:00	Opening
10:05	<b>President's address</b>
10:10	<b>High-level discussion on innovation and reuse</b> <b>Lars Engel (BHS) - Markku Leskelä (Metsä Board)</b> <b>- Saverio Mayer (Smurfit Kappa Group/FEFCO Vice President) - IKEA (Speaker TBC)</b>
11:00	<b>Spotlight 1</b>
12:00	Lunch
13:20	<b>Spotlight 2</b>
14:30	<b>Session 1 – Innovation in energy reduction</b>
14:30	Heating the way forward: empowering net-zero heat generation with thermal energy storage <b>Silvia Trevisan, KTH Stockholm</b>
14:55	All the losses we (can) not see <b>Robert Tschullik, Klingele</b>
15:20	FEFCO Climate Neutrality Roadmap and CO <sub>2</sub> assessment tool <b>Pascal Vermeulen, Climact</b>
15:35	Best practice handbook on energy efficiency for corrugators <b>Michael Frey, Consultant, and Tatjana Karpenja, RISE</b>
16:00	Panel discussion on energy efficiency <b>Bobst, BW Papersystems, Emba, Göpfert, König &amp; Bauer</b>
16:40	<b>Questions &amp; answers</b>
16:50	Coffee break and exhibition visit
17:50	<b>Spotlight 3</b>
19:00	Welcome reception - Sponsored by Metsä Board

"The FEFCO Technical Seminar is a platform for your business. FEFCO counts on your participation! Register for the Technical Seminar to stay up to date on the industry hot topics including energy efficiency, and on innovations that will shape our future. It's also a fantastic opportunity to reconnect with your peers in the beautiful city of Lyon."

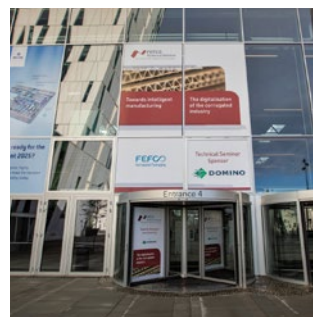
Eleni Despotou – FEFCO Director General

## DAY 2, 26 OCTOBER

- 9:00 Opening
- 9:05 **Session 2 – Innovations in corrugators**
- 9:05 Cellulose glue booster for corrugated productivity  
**Marvin Hars, Borregaard**
- 9:20 Light and ultralight paper: Opportunities and challenges  
**Thomas Wimmer, Palm Verpackung and Jan Andersson, Holmen**
- 9:50 Artificial intelligence in minimising energy consumption during the production of corrugated board  
**Tomasz Garbowski, Poznan University of Life Sciences**
- 10:05 Sustainable efficiency on corrugators  
**Martin Mc Tighe, BW Papersystems**
- 10:20 LESS IS MORE - a journey towards sustainable consumption  
**Marco Bertola, Fosber Group**
- 10:35 Optimising heat consumption in corrugated board production and beyond  
**Lars Komogowski, BHS**
- 10:50 **Questions & answers**
- 11:00 Coffee break and open exhibition visit
- 11:55 **Spotlight 4**
- 12:55 Lunch and exhibition visit
- 14:10 **Spotlight 5**
- 15:20 **Session 3 – Innovations in converting**
- 15:20 Multi-out applications on casemakers  
**BGM, Emba, MHI, BOBST**
- 16:00 Roundtable discussion on casemakers  
**BGM, Emba, MHI, BOBST**
- 16:10 Digital printing on casemakers  
**Javier Quesada, Kento**
- 16:20 High speed digital cutting  
**Freier Jürgen, Highcon**
- 16:30 **Questions & answers**
- 16:40 Coffee break and exhibition visit
- 17:30 **Spotlight 6**

## DAY 3, 27 OCTOBER

- 9:00 Opening
- 9:05 **Session 4 – Innovation driven by changing environment, markets and supply chains**
- 9:05 Bio-based barrier coatings as an alternative for plastic layers  
**Peter Rättö, RISE**
- 9:25 Traditional and printed barrier coatings  
**Oliver Waddington, Siegwirk**
- 9:45 Cyber security: A challenge for corrugated  
**Armin Kaltenbacher, BHS Corrugated**
- 10:05 EU legislation and its impact on our industry  
**Krassimira Kazashka, FEFCO**
- 10:25 Making the corrugated industry a safe workplace  
**John Nicolls, SKG, FEFCO Health & Safety Committee**
- 10:45 **Questions & answers**
- 10:55 Coffee break and open exhibition visit
- 11:45 **Technical panel discussion on digital printing and cutting: impact on internal and external logistic flows**
- 12:30 **Award ceremony and conference closing**
- 13:00 Lunch
- 14:00 **End of the Technical Seminar**



EVENT SPONSOR



## List of exhibitors

Absolute

Agergaard

Agfa-Gevaert

Albany

Al-GAR

Alliance

Ammeraal Beltech

Apex

Avanti

AVCO

Bahmüller

Baldwin

Barberan

Baumer hhs

Baviera

BCM Transtech

BFT

BGM

BHS Corrugated

BHS Intralogistics

BOBST

Borregaard

Bosch

BW Papersystems

CTI Systems

Cargill

CM Service

Conprinta

C-Tech

CUIR

Dücker

Duo-Technik

EDF

EFI

Elitron

EMBA

Emmepi

Engico

eProductivity Software

Erhardt+Leimer Corrugated Division

Feltri Marone

Femat

Flexo Concepts

Flint Group

Fosber

Fossaluzza

Friese

Fujifilm

GKD

Göpfert

Graco

H.B. Fuller

Highcon

HP

Hunkeler

JB Machinery

JD Engineers

JKSP

J.S. Machine Europe

Kao Chimigraf

Karimov

Karl Marbach

Kemind

Kento

Kiwiplan, an Advantive Company

Koenig & Bauer Digital & Web Solutions

Kolbus

Macarbox

Mado Erp / Essentia

Maschinenmau

Metsä Board

Minda

Mitsubishi

MM Board & Paper

Mondi

Mosca

Mühlen Sohn

NE Engineering

Nestro

Norske Skog

OMP

OMS

openpack

Pamarco

Pentatech

Re Controlli Industriali Pentatech

Renova

Seemi

SERRA

Siegwerk

Signode

Simec

SRC Europe

Sun

TCY

Techlab systems

Technicarton

Tiruña

TRESU

Vacher Group

Valco Melton

Valmet Automation

Valsider

Van den Bos Robotics

VEGA

Vice

Volume Software

Westfalia Logistics Solutions

Witron

# How revised PPWR affects the corrugated cardboard packaging sector



Frédérique Ries - Rapporteur PPWR

## The proposal

In November 2022, the European Commission published a proposal for a revision of the Packaging and Packaging Waste Directive (PPWD). The proposal includes changing the current legislation, (last revised in 2018), from a Directive to a Regulation (PPWR), making it legally binding across EU Member States. It aims to reduce packaging waste, improve the overall environmental impact of packaging and harmonise measures at European level.

The PPWR is part of the actions to complement the EU Green Deal and Circular Economy Action Plan (CEAP).

The primary objective is to ensure that the EU Single Market is harmonised and coherent – for example, the introduction of harmonised labelling requirements for packaging. Pending the final voting on the proposal this October, FEFCO and its members are actively engaged on the file and taking part in the ongoing negotiations at both EU and national level, aiming to secure the corrugated industry's future.

## What is at stake?

The PPWR proposal has generated extensive debate amongst stakeholders and in the

media, centring especially on the ambitious reuse targets and recyclability requirements for packaging. The 2020 CEAP already set clear demands: all packaging placed on the market should be reusable or recyclable by 2030. However, reuse seems to prevail in the latest legislative negotiations.

**Reuse** – In the PPWR, the Commission sets reuse targets for many kinds of packaging, including packaging for large household appliances, business-to-business transport, e-commerce, beverages, takeaway food and grouped packaging. Stakeholders have argued that the impact assessment used to justify these targets did not take key environmental impacts of reusable packaging into account, including food safety, food waste and water usage. Additionally, the material neutrality of the measures has been called into question given that it opens the door to plastic packaging replacing corrugated cardboard as transport packaging, giving plastic a disproportionate market advantage.

**Recycling** – The PPWR introduces Design for Recycling (DfR) guidelines that will aim to make packaging more recyclable and set clear recyclability criteria. Recycling performance grades for packaging, ranging from A to E, are set to determine whether or not packaging is allowed to be placed on

the EU market after 2030. These measures reinforce the Commission's ambition to ensure that all packaging is not only considered recyclable, but also recycled in practice. In this respect, corrugated cardboard has an advantage as it is already recycled at scale across the EU; the industry is a champion of the circular economy.

**Reduction** – The proposal includes the introduction of targets for all packaging, aiming at:

- overall packaging waste: reductions of 5% by 2030, 10% by 2035 and 15% by 2040
- void space limit for packaging of 40%, applicable to e-commerce, grouped and transport packaging
- recycled content requirements for plastic parts of packaging, affecting all packaging containing polymers.

## The legislative process

A public consultation on the PPWR proposal was open until 24 April 2023 for feedback.

The debates in the European Parliament are ongoing and heating up. The European Parliament's Environment Committee (ENVI) was assigned competence of the PPWR in December 2022, with Belgian MEP Frédérique Ries leading as rapporteur.

From the Council of Ministers, ministers for the environment and agriculture have met several times to discuss the legislation, and countries have begun to form positions on the file. The vote by the Parliament is planned to take place on 2 October 2023. If the initial timeline for the legislation remains on track, the European Commission, European Parliament and Council of Ministers are expected to reach an agreement at the beginning of 2024.

If adopted as planned, the PPWR is expected to enter into force in 2025 with some measures applicable immediately.

FEFCO will continue to closely follow the legislative process and advocate for a balanced and realistic PPWR.

# FEFCO activities

## FEFCO Board

**Anastassios Panayotopoulos**, from Dunapack Packaging, representative of the Hungary (HFCEM) and Romania (ROMPAP) Cluster I and **Chris Murray**, DS Smith, representing CPI (UK) stepped out of the Board in the course of 2022.

They are replaced by **Dennis Belkovsky** of Dunapack Packaging and **John Weedon** of Weedon Group respectively who will remain at the Board till the end of its mandate (March 2024).

## National Associations

### New member



FEFCO is delighted to welcome its new member, the **Hellenic Paper Packaging Association (HPPA)**.

The Secretary General of the new organisation is **Iphigenia Tarou**.

For additional information, see: [www.hppa.gr](http://www.hppa.gr)

## New Sympathiser members

**A warm welcome to the new members who joined FEFCO in 2023!**

### AkeBoose

[www.akeboose.com](http://www.akeboose.com)  
Germany

### BFT

[www.bftgroup.tech](http://www.bftgroup.tech)  
Italy

### C-TECH

[www.c-tech.nl](http://www.c-tech.nl)  
Netherlands

### eProductivity Software

[www.eproductivitysoftware.com](http://www.eproductivitysoftware.com)  
Netherlands

### Essentia

[www.essentiasal.com](http://www.essentiasal.com)  
Lebanon

### Graco

[www.graco.com](http://www.graco.com)  
Belgium

### Maschinenmau

[www.maschinenmau.de](http://www.maschinenmau.de)  
Germany

### Nestro Lufttechnik GmbH

[www.nestro.de](http://www.nestro.de)  
Germany

### Pentatech

[www.pentatechsr.it](http://www.pentatechsr.it)  
Italy

### Techlab Systems

[www.techlabsystems.com](http://www.techlabsystems.com)  
Spain

### Technicarton

[www.technicarton.com](http://www.technicarton.com)  
France

### tesa

[www.tesa.com](http://www.tesa.com)  
Germany

### Vacher Group

[www.groupe-vacher.com](http://www.groupe-vacher.com)  
France

### Veevee Group

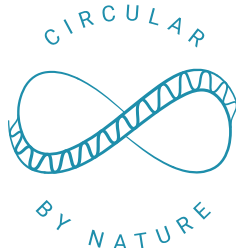
[www.veepeegroup.com](http://www.veepeegroup.com)  
Nigeria

## Health & Safety Committee new chair



FEFCO welcomed **Andy Braund**, CPI Director of Health and Safety, as new chair of the Health & Safety Committee in March 2023. FEFCO

thanked Sabine Nellen, Mondi, who chaired the committee in 2022.



## FEFCO Events

### Euractiv event supported by FEFCO

Packaging and Packaging Waste Directive: How can we make it work?  
28 June 2023 (hybrid).  
Registration online at: <https://events.euractiv.com>  
EURACTIV network office, Boulevard Charlemagne 1, 1041 Brussels

### FEFCO Dinner Debate – European Parliament

13 September 2023  
Strasbourg, France  
Programme to be announced.

### FEFCO Technical Seminar 2023

25-27 October 2023  
Lyon Convention Centre, France

## Other events

### E-PACK Europe

5-6 September 2023  
Vienna, Austria  
<https://www.ecommercepacksummit.com/europe>

### Warsaw Print-Tech Expo

5-7 September 2023  
Warsaw, Poland  
<https://warsawprinttech.com/>

### Labelexpo Europe 2023

11-14 September 2023  
Brussels Expo - Belgium

## FEFCO

250 avenue Louise  
1050 Brussels  
Belgium

Tel: +32 2 646 4070  
E-mail: [info@fefco.org](mailto:info@fefco.org)

Twitter: @FEFCO  
[www.fefco.org](http://www.fefco.org)

FEFCO Instagram  
[circular\\_corrugated\\_cardboard](https://www.instagram.com/circular_corrugated_cardboard)