


# PETnology Europe 2025

Hightec & Smart -  
Solutions for a Sustainable  
PET Packaging Future

organized by 

30<sup>th</sup> Strategy and Technology Conference  
for the PET Packaging Industry

Lead Sponsor



 May 26 - 28, 2025

 Lake Zurich, Switzerland

 [www.petnology-conference.com](http://www.petnology-conference.com)

Gold Sponsors























Startups & Universities









































# 30<sup>th</sup> PETnology Conference 2025

## Greetings

# GREETINGS

## Rapperswil-Jona Lake Zurich



## SPEAKING COMPANIES

### MARKET ASPECTS

NESTLÉ

EUROMONITOR

### CONVERTER PANEL

### PRESENTATIONS

AGR INTERNATIONAL, ALPLA

AVANTIUM, BMT, CMG, CONTEXO

COPERION, EASTMAN, EREMA, HUSKY

INTRAVIS, KHS, KRONES

NETSTAL, OMYA, OTTO HOFSTETTER

OTTO SYSTEMS, RETAL, SIPA

THYSSEN KRUPP MATERIAL SERVICES

ULTRA SYSTEM, Z-MOULDS

### START UPS & UNIVERITIES

DEPOLY, ECO2GROW, IWK

KU LEUVEN, LEAD, MACROCYCLE

### LEAD SPONSOR

Dear colleagues of the PET packaging value chain,

To meet the future market, technical and sustainability challenges in the PET packaging sector, we need the courage to be creative and innovative. Dialogue between experts is also proven and important. However, I consider openness to new approaches, dialogue with start-ups and questioning the 'tried and tested' to be the key to the future.

Rethinking the 'tried and true' - the answer to the 'why' question - has been a constant challenge for me as a father of three daughters, now young women, especially in recent years. The questions of the younger generation - not just the Hofstetters, of course - are the motivation to solve one of the most pressing challenges of our time: Sustainability and economic success in an ever more complex world.

*Otto Hofstetter AG*, has been driven by the desire to constantly improve and overcome challenges for 70 years. We will continue to do everything in our power to develop future-proof concepts for our PET industry. Curiosity, creativity and the will to make things happen are firmly rooted at our company.

It is the technical understanding and the media opportunities that have connected us with PETnology for 25 years. Presenting our innovations to the industry on the PETnology platform has always been an enrichment for us. That is why we are delighted to be supporting the PETnology Europe 2025 conference again this year, in our 70th anniversary year, here on Lake Zurich. As lead sponsor, we wish the dedicated PETnology team a successful event in its 25th year and all participants a lively and inspiring exchange.

We look forward to welcoming you to Switzerland ahead of this year's world's leading trade fairs, drinktec and K, and invite all P Europe 2025 participants to an enjoyable reception on the evening of 27 May to chat and get to know each other.

Otto Hofstetter, Owner & CEO,  
Otto Hofstetter AG



### MAYOR RAPPERSWIL-JONA

Dear conference participants,

As President of the Eastern Switzerland University of Applied Sciences, I am delighted that PETnology has chosen our campus in Rapperswil-Jona—one of our university's three campuses—as the venue for this conference. This event aligns perfectly with our strategic focus on sustainability and responsible living.

It is my great pleasure to welcome you to our campus. As a national leader in applied research and technology development, we place particular emphasis on fostering close partnerships with industry and practitioners.

Our beautiful campus, where the conference is taking place, is not only ideal for recreation but also serves as an open-air laboratory. Here, our experts conduct a wide range of research—from studying how plants respond to climate change to designing modern living spaces. To my knowledge, we are also the only Swiss University of Applied Sciences with a scheduled ferry stop right on campus.

Rapperswil-Jona, our host city, is a vibrant and dynamic place with a thriving start-up community and a strong industrial presence. Its proximity to the Zurich metropolitan area, Switzerland's economic powerhouse, is yet another advantage.

If you have time outside the conference, I encourage you to explore the shores of Lake Zurich, visit the historic old town with its impressive castle, or simply enjoy a coffee, tea, or a meal at one of the many cafés and restaurants.

My sincere thanks go to the conference organizers for their dedication and efforts, and to all of you for making the journey here. I wish you an inspiring and productive conference filled with valuable insights and engaging discussions.

Prof. Daniel Seelhofer, PhD, President,  
Eastern Switzerland University of Applied Sciences (OST)



### OST RAPPERSWIL-JONA

#### Venue Address

OST -  
Eastern Switzerland University of Applied  
Sciences / Ostschweizer Fachhochschule  
Campus Rapperswil-Jona  
Oberseestrasse 10  
8640 Rapperswil, Switzerland

#### Good to know

The conference hall and the adjacent rooms offer the perfect environment for lectures, the exhibition and networking - with the best view of upper Lake Zurich.

Rapperswil-Jona is approx. 35 minutes away from Zurich Airport - and therefore in the perfect travel distance.

The OST Campus Rapperswil-Jona is located right next to Rapperswil train station. The hotels where we booked room blocks are all nearby.

#### Accommodation

We have reserved room allotments in two different hotels.

Rooms are limited. Reserve your accommodation as soon as possible.

[www.petnology-conference.com/  
venue-accommodation](http://www.petnology-conference.com/venue-accommodation)

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# WELCOME

## HIGHLIGHTS

### CONFERENCE ORGANIZER

## Hightec & Smart - Solutions for a Sustainable PET Packaging Future

*connecting comPETence - to keep PET packaging ahead.* That was my vision 25 years ago - as an experienced PET engineer and optimist - to meet the growing challenges of the global PET packaging industry. And today, it is still increasingly important to understand in detail all the technological solutions and changes in the individual steps of the entire process chain of a manufactured, filled, sealed, labelled and, above all, recyclable PET bottle in order to recognise the influences on one's own products and solutions. In addition, it has been and continues to be important to comply with increasing regulations and to meet them with new solutions.

PETnology contributes to sharing knowledge, discussing best practices and, from this, initiating research and development and co-operation to find the most economically and ecologically sustainable solution.

PETnology is proud that many of these innovative ideas and new developments have been presented at PETnology conferences.

We would like to thank all our partners and supporters who have been with us over the years. Your commitment and passion for PET is what drives us. Let us look forward to a complex and positive future together and continue to work towards a better, more sustainable world.

We will continue to do our part with this 30<sup>th</sup> PETnology conference in 2025 in Switzerland and look forward to discuss with you the key topics and developments of the PET packaging industry.

We keep our finger on the pulse of PET technology.

See you on May 26 - 28 in Rapperswil at the beautiful Lake Zurich.  
A warm „Grüezi“!

Otto Appel



Photo credit: INTRAVIS

AI  
DISCUSSING  
STRATEGIES FOR  
DIGITAZATION AND  
AUTOMISATION



Photo credit: Kronos

## BLOWING & FILLING

MACHINERY &  
TECHNOLOGY  
WATER & CHEMICAL-  
FREE PREFORM  
STERILISATION



Photo credit: DePoly

## MATERIAL & RECYCLING TECHNOLOGY

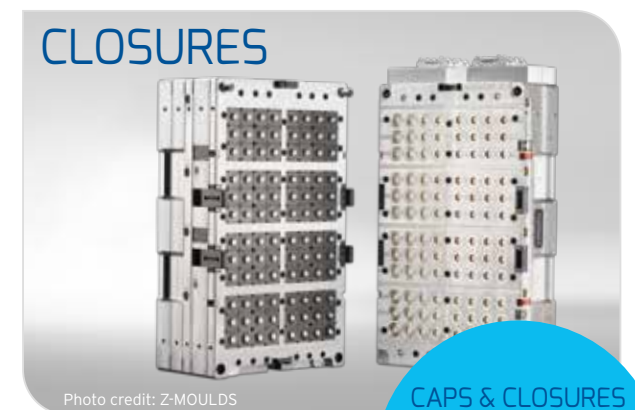


Photo credit: Z-MOULDS

## CLOSURES

CAPS & CLOSURES  
DEVELOPMENTS  
ONE PEACE CLOSURE  
FOR REFILL  
APPLICATIONS



Photo credit: Otto Systems

## PREFORM TECHNOLOGY



Photo credit: KHS

## COATING

BLOWING & COATING  
TECHNOLOGY  
NEW DEVELOPMENTS  
FOR THE PET BOTTLE  
INDUSTRY

# 30<sup>th</sup> PETnology Conference 2025

## Agenda

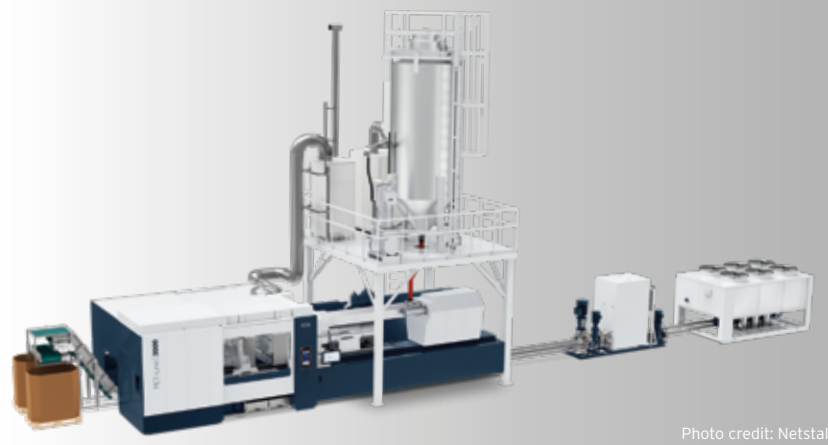


Photo credit: Netstal



Photo credit: Erema



Photo credit: rePurpose

### Day 1 | May 26, 2025

#### Monday, May 26, 2025

17:00 Exhibition set-up 18:00 WELCOME RECEPTION 25 Years of PETnology

### Day 2 | May 27, 2025

07:30 **REGISTRATION**  
Welcome coffee and snacks

08:30 **OPENING**  
Welcome remarks

08:40 **KEYNOTE PRESENTATION**  
The Future of Plastic Packaging Amid Macroeconomic and Circularity Pressures  
> Rosemarie Downey, Global Head of Packaging Research Euromonitor International

**Session 1 INJECTION MOULDING - OUTPUT, ENERGY, SUSTAINABILITY**

09:10 **Closing the Loop: Enabling Sustainability through Advocacy and Innovation**  
> Sylvain Talarico, GM - Rigid Packaging South Europe Husky  
> Frans Trimbos, GM - Rigid Packaging North Europe Husky

09:30 **More Sustainability and Safety in PET Preform Production**  
> Stefan Kleinfeld, Business Manager PET Netstal Maschinen AG  
> Alexandra Stuber Key Account Manager PET Netstal Maschinen AG

09:50 **Panel Discussion Injection Moulding**

10:00 **COFFEE BREAK | EXHIBITION | NETWORKING**

**Session 2 CONVERTER PANEL**

10:30 **Interview - 70 Years of Precision**  
Otto Hofstetter, CEO  
  
*Panel Discussion:*  
Challenges facing PET Converters Today

**Session 3 MATERIALS**

11:10 **More Sustainable White Opaque PET Bottles**  
> Karsten Schulz, Business Development Director Polymers System, Omya International AG

11:30 **Finding PEF's Place in the Circular Value Chain**  
> Ingrid Goumans, Director Public Affairs - ESG, Avantium Renewable Polymers

11:50 **How to Unlock a Circular Future for PET in Europe**  
> Eric Dehouck, Managing Director, Eastman Circular Solutions France, EASTMAN

12:10 **Our USP: The Best Purging Compound**  
> Renate Bever, CEO, Ultra System  
> Roberto Benzi, Executive, Ultra System

12:30 **Panel Discussion Materials**

12:40 **LUNCH | EXHIBITION | NETWORKING**

### May 27, 2025 | Day 2

#### Session 4 SUSTAINABILITY - THE DRIVING FORCE

14:00 **Packaging Sustainability as Part of a Larger Sustainability Agenda at Nestlé**  
> Dr. Christian Detrou, Packaging Lead Nestlé Zone Europe, Nestlé

14:20 **Plastic Recovery Fund, a Pioneering Initiative in the PET Industry**  
> Reto Bamert, Head of Global Sales, Otto Systems  
> Aditya Siroya, Co-founder and Chief Impact Officer, rePurpose Global

14:40 **How thyssenkrupp Materials Services provides the Answer to the Scope 3 Challenge in the Metals Industry**  
> Robin Pedroza, Head of Sustainability Transformation Europe, thyssenkrupp Materials Services

15:00 **How RETAL is Harnessing Expertise & Investment to lead the rPET Innovation**  
> Emmanuel Duffaut, Chief Sustainability Officer, Retal  
> Dainius Stanulis, Regional Production Director, Retal

15:20 **Panel Discussion Sustainability**

#### COFFEE BREAK | EXHIBITION | NETWORKING

#### Session 5 RECYCLING STRATEGIES & RECYCLING TECHNOLOGIES

16:00 **Recycling of PET on the Co-rotating Twin Screw Extruder**  
> Sabine Schönfeld, Business Development Manager Recycling, Coperion

16:20 **Innovative High Capacity Granulation Systems for Post-Consumer Plastics Recycling**  
> Luca Nanetti, CCO, CMG Granulators

16:40 **Panel Discussion Recycling**

#### Session 6 PIONEERING IDEAS FROM START-UPS & UNIVERSITIES

16:50 **DePoly's Recycling Technology**  
> Eric Schwaninger, CCO, DePoly

**Consumer Proof Bundling of PET bottles**  
> Prof. Marc Juwet, K Leuven

**SolvoGenesis™ - Chemical PET Recycling without Breakdown to Monomers**  
> Dr. Jan-Georg Rosenboom, Co-founder & CTO, MacroCycle Technologies

**Reducing Energy Costs and CO<sub>2</sub> Emissions**  
> Paul Appel, Co-Founder / CEO, ECO2GROW

**How AI can save your Production Day**  
> Julian Gerst, CEO, LEAD Digitalisierung GmbH

**From Bottle Waste to Technical Parts**  
> Prof. Daniel Schwendemann, IWK

#### 18:15 Sum-up First Day

#### 18:30-22:00 EVENING RECEPTION ON THE SHORES OF LAKE ZURICH

> 70 Years of Precision - an Invitation from OTTO HOFSTETTER AG

# 30<sup>th</sup> PETnology Conference 2025

## Agenda



Photo credit: LEAD



Photo credit: K Leuven



Photo credit: Otto systems



Photo credit: Krones



Photo credit: IWK OST

## Day 3 | May 28, 2025

## Open House 14:00 - 16:00 | May 28, 2025 | Day 3

08:00 Welcome coffee and snacks

### Session 7 CAPS & CLOSURES

- 08:30 **One Piece Closure: Making the Reusable PET Bottle fit for the Future**  
 > Benedict Reimann, Business Manager PET, ALPLAinject  
 > Michael Fink, CEO, Z-MOULDS
- 08:50 **From Concept to Cap: Mechanical Insights into Beverage Closure Assembly**  
 > Andreas Rau, Sales Manager, Contexo
- 09:10 **Panel Discussion Caps & Closures**

### Session 8 SYSTEM THINKING ON BLOWING CONCEPTS

- 09:15 **The Future of PET Packaging: Crystal-Clear Plasmax Coating and Its Role in Recycled PET**  
 > Philipp Langhammer, Product Manager Barrier Technology, KHS
- 09:35 **Preform E-Beam, the Future of Beverage Packaging Sterilization: Water & Chemical-Free**  
 > Jochen Hirdina, Vice President Plastics Division Krones  
 > Cora Hanesch, Product Development Plastics Technology, Krones
- 09:55 **PET Bottle Manufacturing - The Path to Optimal Efficiency and Sustainability**  
 > Sudha Jebadurai, President, Agr International  
 > Ralph Elder, Vice President of Sales & Marketing Agr International

10:15 **Panel Discussion Blowing & Filling**

10:30 **COFFEE BREAK | EXHIBITION | NETWORKING**

### Session 9 AI & SMART SOLUTIONS

- 11:00 **AI and the Future of Quality Control**  
 > Sascha Baumanns, Director of Sales Intravis
- 11:20 **Innovation Meets Availability: New Milestones in PET Recycling with Smart Process Control and Enhanced Cost Efficiency**  
 > Christoph Wöss, Business Development Manager EREMA Group
- 11:40 **The BMT Way: Smarter Solutions for Sustainable Packaging**  
 > Dr. Josh Turner, Head of Materials Characterisation, BMT  
 > Dr. Jude Cameron, Project Lead, BMT
- 12:00 **Challenges in Packaging Development: AI vs Real Life**  
 > Marco Brusadin, Global Packaging Development Director, Sipa
- 12:20 **Panel Discussion AI & Smart Solutions**
- 12:30 **Final remarks**
- 12:40 **LUNCH | EXHIBITION | NETWORKING**
- 14:00 **Open House at IWK (see next page)**

### OPEN HOUSE @ IWK

#### Exclusive insight into the Machine-Techpark

The IWK, Institute for Materials Technology and Plastics Processing at the OST, University of Applied Sciences of Eastern Switzerland, is pleased to invite all participants of PETnology Europe 2025 to visit their institute after the presentation programme on 28 May 2025.

IWK, founded in 2005, is the leading research institution in Switzerland for component design and production in plastics technology with about 60 employees. Our goal is to combine science and practice for innovative solutions with modern materials and production technologies.

Prof. Frank Ehrig, the institution Director, will introduce the IWK. In small groups, participants will see the various technologies in the Machine-Techpark, such as compounding, extrusion, injection molding, joining technology, simulation, design and additive manufacturing.

#### Programme:

- 14:00 Departure with shuttle buses from the venue to IWK machine park
- 14:15 Reception at the IWK machine park
- 14:30 Brief tour of the machine park
- 15:45 Wrap-up at the machine park
- 16:15 Shuttle bus back to the venue / main station Rapperswil-Jona



Photo credit: IWK OST



Photo credit: IWK OST

# 30<sup>th</sup> PETnology Conference 2025

## Venue | Exhibition

# VENUE | EXHIBITION

Rapperswil-Jona  
Lake Zurich

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### CONFERENCE VENUE



### VENUE ADDRESS

OST - Eastern Switzerland University of Applied Sciences  
Campus Rapperswil-Jona  
Oberseestrasse 10  
8640 Rapperswil, Switzerland

### ACCOMODATION

We have reserved room allotments in two different hotels.  
Rooms are limited. Reserve your accomodation as soon as possible.

[www.petnology-conference.com/venue-accomodation](http://www.petnology-conference.com/venue-accomodation)

### CONFERENCE EXHIBITION

## TABLE TOP EXHIBITION

The parallel special exhibition at PETnology conferences has always set the pace for communication and networking.

Located at the heart of the conference, it is the event's central meeting point - **connecting comPETence**.

### SCOPE OF SERVICES:

- 2x3 m floor space with table and chairs
- Individual decoration, e.g. by display systems or rollup banners
- Micro page in the conference proceedings (exhibition category)

### EXHIBIT

### COSTS: 1,090 €

- available with conference registration
- space is limited
- import duties and taxes are the responsibility of the exhibitor
- [www.petnology-conference.com/attend-exhibit](http://www.petnology-conference.com/attend-exhibit)





## Registration - Conference Fee

Early Rate, on or before April 11, 2025 . . . . . 1.290 €\*

Standard Rate, from April 12, 2025. . . . . 1.490 €\*

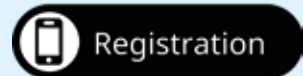
\*All rates plus 8.1% Swiss VAT

The conference fee includes access to the conference programme, conference documentation, lunches and coffee breaks.

**Special for food & beverage brands & bottlers:**

To celebrate our anniversary - *25 years of PETnology* - we are offering 25 free tickets to brands & bottlers, 1 per brand/bottler, first come first served basis.

Contact the team at [registration@petnology.com](mailto:registration@petnology.com) if you want to take advantage of this offer, the sooner the better.



### Contact

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[www.petnology.com](http://www.petnology.com) | [www.petnology-conference.com](http://www.petnology-conference.com)