

Day 1 - 30 May 2012, Wednesday

Workshop on Recycling of PET bottle & Thermoform Packaging (0800 - 1130 hrs.)

Course Leaders

Robert Dvorak, Project Manager, Nextek
Edward Kosior, Managing Director, Nextek

- 08:00 **Review of Leading PET Recovery & Recycling Technologies**
- Bale specifications, contaminants and types of audits that should be performed on incoming materials.
 - Pre-sort and sorting technologies to produce highly pure streams, overview of technology and recent innovations,
 - Dry and wet cleaning systems, overview of washing technologies inc removal of glues, labels, water filtration and treatment
 - Overview of extrusion and decontamination systems for flake and pellets with focus on small modular to large processing systems that produce food grade.
 - Lab and quality control testing requirements for food contact.
- 08:45 **rPET Quality**
- Causes of discolouration, and the impacts of fines, PVC, metal, label contaminants.
 - Typical rPET contamination issues and what this means for customers and how to minimise them.
 - Developing and producing high quality 100% rPET bottles and thermoforms.
- 09:30 Discussion followed by Coffee Break

- 09:50 **Design for Recyclability Guidelines for PET Bottles & Thermoforms**
What materials, component systems and technologies are recycle friendly and problematic for recycling
- Overview of key steps in PET bottle recycling systems and technologies;
 - Review of colourants, functional additives, optical brighteners, O₂ scavengers, AA blockers.
 - Review of barrier systems and technologies, label systems, materials and inks
 - Review of shrink and stretch sleeves
 - Review of closures, seal materials and technologies.
 - Review of adhesives, glues

- 10:30 **rPET Food Contact Considerations**
- Summary of key legislation requirements and recent EFSA regulations that impact recycled PET resin

- 11:00 **Recent Material Developments**
- Green, low carbon, recyclable, high IV EBM resins

- 11:30 Final Discussion. End of Workshop.

- 12:00 Lunch

Separately Bookable

(As space is limited, first priority will be given to workshop attendees)

Site Visit Tour to Sorepla Recycling Plant (1230 to 2030 hrs.)

- 12:30 Depart for SOREPLA Recycling Facility
- 15:30 Arrive SOREPLA
Tour for 2 hours
- 17:30 Depart SOREPLA
- 20:30 Arrive Back to Hotel

Day 2 - 31 May 2012, Thursday

MAIN CONFERENCE

- 07:30 Registration
- 08:30 Chairman's Introduction
- 08:40 **How Low Could PET Operating Rates Go in Europe?**
- Imbalances of Global Growth in Demand and Supply
 - Prospects for Greater Europe Region
 - Factors Influencing Future for International Trade
 - Trends in PET Pricing
 - PET Recycling and Sustainable Development
- Mr. David Swift, Sr. Consultant
PCI PET Packaging Resin & Recycling Ltd
- 09:10 **Keynote Presentation**
Packaging Opportunities from Renewable Materials - Delivering Innovative & Sustainable Solutions that Drive Consumer Value
Dr. Michael Okoroafor, Vice President
Packaging R&D / Innovation
H. J. Heinz Company
- 09:50 Discussion followed by Morning Coffee
- 10:20 **2012-2013 European Trade Flows taking into account the latest developments in Anti-Dumping and Anti-Subsidy regulations**
Nicolas Massardo, Sales Manager
GSI Francia

- 10:40 **APPE - Leading Preform Producer's Perspective on the Greater Europe PET Growth & Major Applications**
Senior Representative
APPE Packaging
- 11:10 **JSC Alco Naphtha PET Plant in Kaliningrad - High-Quality PET Resin Production Update**
Mr. William Schweizer, CEO
ZAO Alco-Naphtha
- 11:40 **Bridging the gap between Virgin PET and rPET - Artenius New Green PET Resin**
Jordi Foguet, Technology Manager
APPE - Artenius PET Packaging
- 12:10 **Developments on New PET Resins for EBM (Extrusion Blow Molding) and other differentiated applications**
Mr. Torsten Schmidt
Business Director Packaging Resins
INVISTA Resins & Fibers GmbH
- 12:40 Discussion followed by Lunch
- 14:00 **France**
- PET preform market & growing applications from dairy sector
Francois Desfretier, General Manager
PDG Plastiques
- 14:30 **State of the European r-PET market**
- Meeting the needs and challenges of the rPET market/industry
Christian-Yves Crepet
Managing Director
Sorepla



Day 3 - 1 Jun 2012, Friday

15:00 Discussion followed by Tea

15:30 Super PET

- Pet recycling from bale to preform
- Mr. Peter Hartel, Sales Director,
PET Recycling
Krones AG



15:50 Food Packaging from recycled PET – New processing possibilities

Mr. Andreas Hunold
Technical Sales Manager
Gneuss Kunststofftechnik GmbH



16:10 End Users/ Brand Owners Perspectives

- Demands as a brand / end user for rPET - specifically the colour specifications we need in our PET bottles in order to sell our type of product
 - Reasons behind our recent move to rPET and the work we're doing with converters (and their resin suppliers) to improve this.
 - Some innovations from in PET and success of new launches
- Inviting Major Juice Brand Owner

16:40 Final Discussion. Close of Day 1

08:30 Chairman's Introduction

08:40 European Debt Crisis - Is it all doom and gloom for the packaging industry ?

Nicholas Mockett
Packaging M & A Expert
Moorgate Capital

09:10 Outlook for MEG & Availability for Increased PET Capacities in the Region

- high volatility upstream and uncertain demand during difficult macroeconomic times - the challenge for MEG producer
- Mr. Hans Heijkoop
Commercial Director Europe
MEGlobal Europe GmbH

09:40 First global bio-PET integrated supply chain from production of Bio-MEG to marketing of bio-PET

- Procurement of Bioethanol
 - Applications of Bio-PET in new Toyota hybrid
- Hikoji Kosaka, Senior Manager
Toyota Tsusho

10:10 Discussion followed by Coffee

10:40 Purity, reliability and Safeness in PET Recycling

Mr. Gilbert Netter, Manager
Project Development
EREMA (Engineering Recycling Maschinen und Anlagen Ges.m.b.H.)



11:00 Sustainable R-PET Trays for Fish & Meat Product Packaging

Ms. Joanna Stephenson
Vice President for Marketing and Innovation
LINPAC Packaging Head Office

Balkans PET Preform Market Developments

11:30 Serbia

Market developments and growing applications of PET packaging in the dairy sector

Mr. Vojkan B. Terek
Special Counsellor
Borverk Eurotrade d.o.o

12:00 Macedonia

Fadil Morina, General Manager
Bas Tuti Fruti, Macedonia

12:30 Final Discussion. End of conference

12:45 Lunch

You will network with:

- Feedstock suppliers (PX/PTA/MEG)
- PET resin producers & suppliers
- Polyester manufacturers
- Polymer/Petrochemical traders
- Converters & preform manufacturers
- Technology providers
- Recycling companies
- Bottlers/fillers
- Brand owners

Per Person Fee for Conference:	(EUR)
Regular Fee for 1	1295.00
Group Fee for 3 or more	1095.00

Workshop 1	(EUR)
30 May Workshop fee for Non Conference Attendee	595.00
30 May Workshop fee for Conference Attendee	395.00

Site Visit	(EUR)
Site Visit on 30 May	125.00

Online Payment Discount (per person)	(EUR)
Pay Online By 1 May with VISA / MasterCard	-75.00

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