

De-Carbonized Plastics: Latest Advances

*Feedstocks Replacing **Petroleum**: BioBased-Waste-GHG-Recycled Materials*

March 12 (Wed) – March 13 (Thu) 2025

Caesars Palace

Las Vegas, NV 89103, USA

Conference Chair

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WELCOME to Innoplast Solutions 33rd conference; 14th on Re-Invention of Plastics!

After 90 years of unmatched benefits to human life, our Plastics Industry has come under scrutiny due to issues threatening the future, namely, (1) Climate Change (2) Land & Ocean Pollution and (3) Sustainability of Raw-Materials in the distant future, and lately (4) Micro-Nano Plastic Particles & Leached Chemicals in our Food Chain. Future technologies to take corrective actions and address Sustainability & Environmental concerns can be categorized in following two areas:

- (1) **Reduce/Eliminate Fossil-Feedstock**: Transitioning from traditional fossil based raw-materials to Renewable BioMass, Waste(s), GreenHouse Gas (GHG) Emissions, and Recycled Fossil/Biobased Plastics.
- (2) **Preserve/Respect Material Value**: Cycling into Valued Products in a preferential order such as: Mechanical Recycling of Fossil/BioBased Plastics > Chemical Recycling into Building Blocks > Pyrolysis Oil > BioFuels > Incineration > BioDegradation > Landfil

Re-Shaping of Polymers/Plastics industry has already begun; join us to witness the future!!!

Conference Program @ Glance	
March 12 - Wednesday 8:00 AM-5:00 PM 5:00 PM-7:00 PM	<p style="text-align: center;">Day-1 Theme: Reduce/Eliminate Fossil-Feedstock</p> <ul style="list-style-type: none"> • Biobased PE and PP.....(GHG Reduction ≥ 30%) • Biobased PET (GHG Reduction ≥ 30%) • Bio-Plastics; Durable / High-Performance / Biodegradable <p style="text-align: center;">Cocktail Reception & Networking</p>
March 13 - Thursday 8:00 AM-4:00 PM	<p style="text-align: center;">Day-2 Theme: Preserve/Respect Material Value and Safety</p> <ul style="list-style-type: none"> • C-Emissions/Wastes for Building-Blocks.....(Compounded Impact) • Recycling Advances for PE-PP-PET..... (GHG Reduction ≥ 30%)

March 12 (Wednesday) 2025

8:00 - 8:30 AM Registration & Networking Breakfast

8:30 -9:00 AM Welcome and Opening Remarks

(1)

Polymers & Plastics: Great Materials 4Ever but **WHY Re-Invention a Necessity !!!**

- *Plastics Industry with Un-Matched Benefits over 90 years now Faces Issues, namely, Global Warming, Plastics Pollution, Sustainable Feedstock Availability, and now Plastic Particles in Food-Chain with Unknown Health Effects.*
- *Renewable Agricultural-Waste + GHG Emissions + Recycled Plastics: Key to Reduction of Climate-Land-Ocean Pollution & Independence from Fossil-Feedstock*
- *Pursuit of Good-Old PE, PP, PET but Biobased.....**Innovations @ Work***
- *Specialty Biobased Plastics, DURABLE-to-Biodegradable/Compostable.*

Dr. Yash Khanna, President, **InnoPlast Solutions**, USA

Biden Administration: May 2023

90% Fossil-Based Plastics Should be Bio-Based & Recyclable in a Decade or so

Plastics are to be Bio-Based & Recycled: Witness the Future Now !!!

9:00 – 9:40

(2)

Special Presentation !

Renewable Feedstock for Standard & Newer Plastics; a Global Overview

Doris de Guzman,

International Chemical Industry Consultant, **Green D Market Analytics**, USA

9:40 - 10:10

Coffee & Networking

De-Carbonized Plastics-Part-1

Good-Old PE/PP/PET but from BioMass

(GHG Reduction \geq 30%)

10:10 - 10:40

PE

(3)

10:40 - 11:30

PE

(4)

11:30 - 1:00

Lunch & Networking

1:00 - 1:30

PP

(5)

1:30 - 2:00

PET

(6)

2:00 - 2:30

PET

(7)

2:30 – 3:00

Coffee & Networking

Specialty Bio-Plastics

Durable / High-Performance / Biodegradable

3:00 - 3:30

PFF

(8)

3:30 - 4:00

PLA

(9)
4:00-4:30 **PHA**
(10)
4:30-5:00 **Nylon 6**
(11)
5:00-5:30 **Nylon 66**
(12)
5:30-7:30 *Cocktail Reception & Networking*

March 13 (Thursday) 2025

8:00-8:30 AM Breakfast & Networking

De-Carbonized Plastics-Part-2
Converting Carbon-Emissions / Waste into Building Blocks for Plastics
(Compounded Impact on GHG Reduction)

8:30-9:00
(13)
9:00-9:30
(14)
9:30-10:00 Coffee & Networking

10:00-10:30
(15)

De-Carbonized Plastics-Part-3
Advances in Recycling Fossil/BioMass Derived PE/PP/PET
(GHG Reduction \geq 30%)

10:30-11:00 **Meeting Brand-Owners Sustainability Goals**
(16) **Co-Designing Sustainable Packaging with Converters**

11:00-11:30
(17)

11:30-12:00
(18)

12:00-1:00 Lunch & Networking

1:00-1:30 **A Role-Model for Circular Production:**
(19) **Post-Consumer Waste-to-Building Blocks-to-Virgin PET@ 1-Stop Facility**
Speaker, Title, *Eastman*, USA

1:30-2:00
(20)

2:00-2:30
(21)

2:30-3:00

(22)
3:00-4:00

PANEL-DISCUSSION

PLATINUM SPONSOR & EXHIBITOR (1 @ \$10,000):

Enables complementary attendance up to 5 delegates, an exhibit booth equivalent to two (2) tabletops, company's logo (largest size) on posters and conference material, and acknowledgement at cocktail reception

GOLD SPONSORS & EXHIBITORS (3 @ \$7,500 each): **CarbonCharge Technologies**

Enables complementary attendance up to 3 delegates, a tabletop exhibit, company's logo (larger size) on posters and conference material, acknowledgement at lunch

SILVER SPONSORS & EXHIBITORS (5 @ \$5,000 each):

Enables complementary attendance up to 2 delegates, a tabletop exhibit, company's logo on posters and conference material, acknowledgement at coffee breaks

TABLETOP EXHIBITS (20 @ \$2,500 each):

Enables one (1) delegate and a TableTop display: