

India Bioplastics Summit 2017

Nov 24 & 25, 2017, The Chancery, Bengaluru

Register? - Call Nikhil @ 9940617877

Conference Agenda (Day 1, Nov 24)

Registration: 9 AM – 9.30 AM

SESSION 1: 9.30 AM – 10.00 AM - Bioplastics – Market Overview

Experts from:

- EAI's Bioplastics Consulting Division

9.30 AM – 10.00 AM – Bioplastics – A Strategic Market Overview

Presentations and discussions on the following topics:	Sessions	Speakers
<ul style="list-style-type: none"> • Plastics & Plastics Alternatives <ul style="list-style-type: none"> ○ Current status, emerging trends and challenges • Bioplastics as a Sustainable Alternative to Plastics <ul style="list-style-type: none"> ○ Introduction to bioplastics from practical and conceptual dimensions • Inputs and Insights on the Three Main Types of Bioplastics <ul style="list-style-type: none"> ○ Biodegradable bioplastics ○ Durable bioplastics ○ Biodegradable petro-plastics • Current & Emerging Feedstock for Bioplastics <ul style="list-style-type: none"> ○ Characteristics of ideal feedstock for bioplastics 	<p>9.30 AM – 10.00 AM: This session sets the context for the Summit by providing a strategic overview of the Bioplastics Industry, both India & global, in terms of technology, market opportunities, drivers and constraints.</p>	<p>Mr. Narasimhan Santhanam – Founder & Director, Energy Alternatives India</p>

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SESSION 2: 10.00 AM – 11.55 AM - Global Market and Applications of Bioplastics

Experts from:

- Prominent global bioplastics manufacturers
- End-users of Bioplastics

10.00 AM – 11.00 AM - Global Landscape of Bioplastics

Presentations and discussions on the following topics:	Sessions	Speakers
<ul style="list-style-type: none"> • Global production of bioplastics <ul style="list-style-type: none"> ○ Durable vs. Biodegradable ○ Market Share of Bioplastics by Types ○ Market Share of Bioplastics by Segments • Insights on key regions worldwide for bioplastics 	10.00 AM – 10.20 AM: Value Proposition and Market Drivers for Biobased and Compostable Plastics	Dr. Sunder Balakrishnan, General Manager – Natur Tec India Pvt. Ltd.
	10.20 AM – 10.40 AM: Rise of Asia as a Bioplastics manufacturing hub - Plans for Total Corbion in Asia	Mr. Stefan Barot, Senior Business Director - Total Corbion
	10.40 AM – 11.00 AM: Trends in Bioplastics Adoption – India & Global	Dr. Sachin Jain – India Representative-FKuR GmbH Founder-Director, SKYi Innovations

11.00 AM – 11.15 AM – TEA BREAK

11.15 AM – 12.10 PM - Applications of Bioplastics

Presentations and discussions on the following topics:	Sessions	Speakers
<ul style="list-style-type: none"> • Current Range of End-use Application Segments <ul style="list-style-type: none"> ○ As disposable plastics alternatives ○ As durable plastics 	11.15 AM – 11.30 AM: Biodegradable bags for leafy vegetables	Mr. Vinayaka G – Manager - Projects (Corporate), Big Basket

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<ul style="list-style-type: none"> ○ alternatives ○ Other Consumer Applications 	11.30 AM - 11.50 AM: PLA based Bioplastic: An Eco-friendly and Safe Alternative for Sanitary Applications	Dr. Manmatha Mahato – Product Head (R&D), Aakar Innovations
	11.50 AM – 12.10 PM: Heat resistant PLA – Extending use of PLA into diverse applications	Mr. Stefan Barot – Senior Business Director, Total Corbion

SESSION 3: 12.10 PM – 1.00 PM – Perspectives on Indian Bioplastics Market

Experts from:

- Prominent bioplastics manufacturers in India
- Bioplastics Consultants

12.10 PM – 1.00 PM - Indian Bioplastics Market Dynamics

Presentations and discussions on the following topics:	Sessions	Speakers
<ul style="list-style-type: none"> ● The Bioplastics Market in India <ul style="list-style-type: none"> ○ Key end-use market segments for bioplastics in India ○ Prominent companies in the Indian bioplastics sector ○ Current and emerging bioplastics product categories in the Indian market ● Growth Drivers for Bioplastics <ul style="list-style-type: none"> ○ Government and corporate mandates ○ Sustainability movement among end use segments ○ Functional growth drivers in specific end use segments 	12.10 PM – 12.30 PM – Journey of Bioplastics in India from 2002	Mr. Perses Billmoria - Founder & CEO, Earthsoul India
	12.30 PM – 12.50 PM: Future of Bioplastics Market in India	Mr. Deepak Sanghvi – Founder, Truegreen
	12.50 PM – 1.10 PM Growth of Bioplastics in India – A Reality Check	Mr. N. Sriram - Founder, Samriddhi Foundation

1.10 PM – 2 PM – LUNCH

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SESSION 4: 2.00 PM – 3.00 PM - Bioplastics – Technology & Properties

Experts from:

- Scientists and researchers from top Indian academia and research organizations
- Technology and production heads from prominent bioplastic resin and product manufacturers

2.00 PM – 3.00 PM - Production Technologies & Properties of Bioplastics

Presentations and discussions on the following topics:	Sessions	Speakers
Technology and applications of biodegradable bioplastics, specifically the following: <ul style="list-style-type: none"> • Polylactic acid (PLA) • PBAT 	2.00 PM – 2.20 PM: Processing of Biopolymers – Myths & Facts	Mr. Abhijit Shah – Vice President, SKYi Innovations
	2.20 PM – 2.40 PM: Melt Processing and Applications of PLA Bio-composites	Dr. Ravichandran Kandaswamy – Professor, Madras Institute of Technology
	2.40 PM – 3.00 PM: Certified Compostable Plastics from BASF for Packaging	Mr. Prashant Lohade – Application Development-Speciality Plastics, BASF

SESSION 5: 3.00 PM – 3.15 PM - Economics Challenges of Bioplastics & Consequent Alternatives

Experts from:

- EAI's Bioplastics Consulting Division

Session Details	Speakers
This session will discuss how the current high cost of bioplastics is leading to the use of other Bio-based plastic alternatives in specific segments such as foodware	Mr. Narasimhan Santhanam – Founder & Director, Energy Alternatives India

SESSION 6: 3.15 PM – 4.45 PM – PANEL DISCUSSION: Are other bio-based alternatives a suitable medium-term replacement for bioplastics? –

Experts from:

- Prominent Indian & international suppliers of bio-based packaging and foodware products

Discussions on the following topics:	Panelists

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- Perspectives from bio-packaging companies from different sources
- Bagasse, Rice Husk, Areca Nut
- Cost economics of bio-based packaging products in India
- Challenges faced by the industry in penetrating the market
- End-user opinion on bio-based packaging products

Mr. PVS Suhasan Reddy –
Founder, SaveGlobe

Mr. Nishant Singhal – Director,
Ecoware

Mr. Abhishek Agarwal – Co-
Owner, Pappco Greenware

Mr. Karan Jain – CEO, HindEco

5 PM - 5.30 PM: Tea & Networking

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Conference Agenda (Day 2, Nov 25)

SESSION 1: 9.15 AM – 10.15 AM - Emerging Technologies & Applications in Bioplastics		
Experts from:		
<ul style="list-style-type: none"> • Prominent Technology Experts & Researchers in India • EAI's Bioplastics Consulting Division 		
Presentations and discussions on the following topics:	Sessions	Speakers
<ul style="list-style-type: none"> • Emerging Range of Application Segments <ul style="list-style-type: none"> ○ As disposable plastics alternatives ○ As durable plastics alternatives ○ Other Consumer Applications 	9.15 AM – 9.35 AM : Emerging technology - Appropriate biopolymers for the desired applications	Dr. Sachin Jain – India Representative-FKuR GmbH Founder-Director, SKYi Innovations
	9.35 AM – 9.55 AM : Biodegradable bio-nanocomposite products & technologies for commodity & medical applications	Dr. Vimal Katiyar – Associate Professor, Center of Excellence for Sustainable Biopolymers
	9.55 AM – 10.15 PM : Certified Compostable Plastics for Agriculture Applications	Mr. Prashant Lohade – Application Development- Speciality Plastics, BASF
SESSION 2: 10.15 AM– 11.55 AM –End of Life Scenarios for Bioplastics		
Experts from:		
<ul style="list-style-type: none"> • Prominent waste management and recycling companies 		
10.15 AM – 10.35 AM – Tea Break		
10.35 AM – 11.55 AM – End of Life Scenarios		
Presentations and discussions on the following topics:	Sessions	Speakers

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<p>Disposal, Recovery and Recycling</p> <p>Recycling</p> <ul style="list-style-type: none"> • Mechanical & Chemical Recycling • Challenges in recycling of bioplastics and biopolymers <ul style="list-style-type: none"> ○ Segregation Challenges ○ Challenges at the Recycling / Processing facilities <p>Composting of bioplastics</p> <ul style="list-style-type: none"> • Status of domestic and industrial composting in India and comparison with International Practices • Challenges to composting of bioplastics • Theory and the real life data 	<p>10.35 AM – 10.55 AM: Where will my bioplastic go?</p>	<p>Mr. N. Sriram - Founder, Samriddhi Foundation</p>
	<p>10.55 AM – 11.15 AM – Composting and biodegradability testing of bioplastics</p>	<p>Dr. Harsh Jadia – Sr. Scientist & Head, ERRL</p>
	<p>11.15 AM – 11.35 AM: Challenges in existing recycling infrastructure</p>	<p>Ms. Wilma Rodrigues – Founder, Saahas Zero Waste</p>
	<p>11.35 AM – 11.55 AM: Composting & its utilities in agriculture applications</p>	<p>Mr. Mahesh Venkataramaiah – Stump Jump Foundation</p>

SESSION 3: 12.00 PM – 12.40 PM - Other Emerging Plastics Alternatives

Experts from:

- Professionals from Plastics Alternatives Companies
- Prominent Technology Experts & Researchers in India

Presentations and discussions on the following topics:	Sessions	Speakers
<p>Enzyme Mediated Biodegradable Plastics</p> <ul style="list-style-type: none"> • Technology • Market Trends • End Use Segments <p>Algae Bioplastics</p> <ul style="list-style-type: none"> • Technology • Market Trends • Emerging Applications 	<p>12.00 PM – 12.20 PM: Increasing market for Sustainable Plastics & Regulations</p>	<p>Mr. Pranay Kumar – Chief Environment Officer, BioD</p>
	<p>12.20 PM – 12.40 PM: Current trends and applications of algae bioplastics</p>	<p>Ms. Parkavi Kumar - Senior Research Analyst, Energy Alternatives India</p>
<p>12.40 PM – 2 PM – LUNCH</p>		

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SESSION 4: 2.00 PM – 3.15 PM – Panel Discussion

The panel discussion will be moderated by Mr. Narasimhan Santhanam, EAI

Experts from:

- Professionals and top management from leading Indian and international manufacturers of bioplastics resins and end products
- Leading technical professionals from the research and industry
- Experts from sustainability consulting firms
- Scientists and researchers from top Indian academia and research organizations
- Prominent end users and prospective end users of bioplastics

Themes that will be discussed

- What have been the main end use sectors in India that have shown promise for bioplastics and biopolymers products?
- How are the various states in India doing in the context of use of plastic alternatives and specifically bioplastics, in the wake of mandates and regulations by many state governments?
- What are the key emerging product & technology trends in bioplastics and biopolymers that are most relevant to India?
- What are the projections for the cost of bioplastic products for the short and medium term, and what will be the drivers for any suggested cost reductions?

Experts in the Panel Discussion

Mr. N. Sriram - Founder, Samriddhi Foundation

Dr. Vimal Katiyar – Associate Professor, Center of Excellence for Sustainable Biopolymers

Mr. Prashant Lohade – Application Development Specialist, BASF

Mr. Deepak Sanghvi – Founder, Truegreen

Mr. Stefan Barot – Senior Business Director, Total Corbion

Dr. Sunder Balakrishnan, General Manager – Natur Tec India Pvt. Ltd

3.15 PM – 3.45 PM – Conclusion & Valediction – Team EAI

3.45 PM – 4.30 PM: Demo Session

Companies from both bioplastics and bio-based industry will be showcasing their products.

4.30 PM – 5.30 PM: Tea & Networking

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