

Progress Through Plastics



PLASTINDIA FOUNDATION[®]

Vision and Mission



Vision

Plastindia Foundation will be an internationally recognized organization devoted to promoting excellence in the field of plastics, and making India a preferred sourcing base in plastics products for the world. It will support and encourage development of outstanding institutions committed to education and research, with emphasis on achieving the highest standards of quality in plastics products, and developing effective techniques for their recycling. It will build an awareness of the significant contribution made by plastics to society and to the environment.



Mission

- To enhance the image and the growth of Indian Plastics Industry by holding world-class exhibitions in India, at regular intervals
- To encourage theme-based exhibitions in India
- To provide opportunities to demonstrate the industry's capabilities, and to participate in international exhibitions
- To educate the benefits of plastics to all segments of society, either directly or through associations
- To act as a catalyst of growth for the plastics industry and prepare plans and actions for up-gradation of quality, environment-friendliness and recycling within the plastics industry
- To create a positive policy framework with all the statutory entities, increase per capita consumption of plastics, encourage exports, thereby significantly contributing to national growth
- To be a flexible, vibrant and proactive foundation

Plastindia Foundation

Established in 1987, Plastindia Foundation is the apex body of major associations, organizations, and institutions connected with plastics, with common objectives to promote the development of the plastics industry and to assist the growth of plastics and related materials. The Foundation is dedicated towards national progress through plastics.

The key focus of the Foundation is to facilitate export led growth of the Indian plastic industry and help boost export business volumes and revenues. In line with that, the Foundation also focuses on helping India to become the preferred sourcing base of plastic products around the world.

As part of this exercise, the Foundation creates opportunities to showcase Indian capabilities in processing and converting, at various industry trade shows across the world.

Aims And Objectives

- To organize and participate in international exhibitions with the aim of showcasing Indian Plastics Industry to the world.
- To help generate two-fold increase in the plastics processing capacity and consumption.
- To facilitate the export led growth of the Indian Plastics Industry.
- To help in facilitating the setting-up of a Knowledge Centre, dedicated to training of Plastics in processing, design and raw materials.
- To support technical institutes. To ensure increase in the technically skilled man-power for to the Indian Plastics Industry.
- Project an appropriate and progressive image of the Plastics Industry in India and abroad – to establish 'Brand India'.
- Help conserve energy, and natural resources, and to protect the environment.
- Promote scientific recycling of plastics and polymers.
- Encourage co-operation amongst the various organizations connected with the Plastics industry.
- To encourage the use of 'Plasticulture' techniques for conservation of natural resources like water; while improving the yield of agricultural, horticultural and floricultural sectors.



Future in plastics



Plastics – The Material for Man's Future

Plastic is one of the fastest growing industries in India and lies at the very heart of the world's future. Plastics have helped to significantly reduce the burden man puts on natural resources, by replacing materials like wood, paper, metals, glass and carbons.

Vehicles become lighter with the use of plastic, consume less fuel, which leads to lesser pressure on natural energy resources. Infrastructure in terms of transportation, construction, canal lining etc; nano-technology; telecom and entertainment electronics; agriculture in terms of crop protection; water usage efficiency; yield increase; fertilizer and insecticide; savings and reduction in post harvest wastage; are all part of a days work for plastics.

Medical polymers are creating solutions that enhance the quality of life. From the humble tubes to pace-makers, the influence of plastics on healthcare is pervasive. Without plastics the world could meet its packaging needs only by consuming 150% more energy. Not to mention the serious increase in damage to the environment.

As members of the world's fraternity of plastics and polymers, it is our responsibility and privilege to lead the global quest for a better planet. This perspective is at the root of our ongoing endeavors to promote the causes of knowledge sharing, trade, cooperation, education, environmental consciousness and technological advancement.

India – Leading the Way To The Future

With the massive growth of the Indian middle class, this vast country may become Asia's first major 'buy' economy. At a GDP of over US\$ 3.5 trillion, India is the fourth largest economy in the world, growing at an unprecedented 9% per annum, with a population base of 1.2 billion people, a work force of 467 million, and a fast growing, upwardly mobile, consuming middle class of more than 350 million people. India is truly a dream come true for the world's manufacturing sector.

While the world reeled under recession and economic downturn in 2009, India still grew at nearly 5.5% - attracting the label of a 'recession proof economy'. Propelled by liberalization policies that have boosted demand and encouraged trade, India has opened itself up to the world, and is increasingly seen as the most lucrative destination for business and business partnerships. Add to this a highly skilled work force, a huge consumption base and a global outlook, the lure of 'India – the business destination' becomes even stronger.

India will become the world's third largest consumer of plastics by 2012, with consequent increase in processing capacity that will offer huge business opportunities. In the same period upstream investment will be in excess of US\$ 37 billion. The Indian plastics and polymers industry is set to grow explosively and visibly increase its global footprint.

India is poised, ready and welcoming.



PLASTINDIA FOUNDATION®

International Plastics Exhibition and Conference



PLASTINDIA International Plastics Exhibition and Conference

PLASTINDIA exhibitions began in 1990 as an effort to showcase the capabilities of the growing Indian plastics industry to an international audience, but quickly developed into a meeting point for global industry.

From less than 20,000 sq. mtrs. area and 486 exhibitors from 15 countries in 1990, the exhibition grew to more than 77,000 sq. mtrs. with 1518 exhibitors from 35 countries in 2009. PLASTINDIA 2009 also hosted 20 country pavilions and 6 concurrent events.

THE PLASTINDIA International Exhibitions are held once every three years at the sprawling Pragati Maidan in New Delhi.

PLASTINDIA 2012 Infinite Opportunities

8th International Plastics Exhibition & Conference
Feb. 1 - 6, 2012, New Delhi

PLASTINDIA 2012 (February 1-6, 2012) will be one of the largest shows in the plastics industry globally with strong international participation.

- Spread over more than 100,000 sq. mtrs.
- More than 150,000 business visitors
- More than 1800 exhibitors
- More than 40 countries present
- Every major exhibitor group across the industry will be represented
- Concurrent events:
 - Proplast For Processed Plastics
 - International Conference
 - Plastics Awards

Key Initiatives

Plastindia Foundation Knowledge Centre

All founder members of Plastindia Foundation were of the opinion that high-end qualified and skilled manpower requirements of the Indian plastics industry need to be addressed for it to sustain its growth.

The need for trained technical manpower has been recognised in the following areas:

- Business Head – Marketing & Technical Services
- Managerial Talent
- Testing & Quality Control
- R&D

Plastindia Foundation has under its guidance taken a proactive step to address the manpower requirements in the executive and management cadres of the growing Indian plastic industry.

Plastindia Foundation Knowledge Centre will be a world class institute dedicated to plastics and polymers. Setup at Dungara, Vapi, Gujarat, it aims to be a provider of Specialized Degree Education, Continued Education & Training as well as Research & Development, with a view to enable the Indian Polymers and Plastics industry to achieve higher growth while serving India's larger socio-economic goals and aspirations.

Plastindia Foundation Knowledge Centre will be a full fledged campus where:

- A. Under Graduate and Post Graduate Courses will be offered, in Polymer Technology, Polymer Processing Technology and

Moulds & Design Technology. The Knowledge Centre will also offer Management & Entrepreneurial Development courses.

B. The Knowledge Centre will also offer adjunct/separate courses in areas like Plasticulture, Packaging, Infrastructure, Recycling, Engineering Plastics etc.. R&D initiatives in specific areas of specialization are also on offer at the Knowledge Centre.

C. The Knowledge Centre will have alignments and collaborations with internationally reputed Universities/Institutions, either in total or for specific areas like – Course Curricula, Design & Product Development, R&D, Management, Testing, Standards & Accreditations etc..

The key outcomes of the Knowledge Centre would be:

- Help create a resource pool of manpower with dual training in technology and management
- Upgradation of existing skills of the Industry
- Lend impetus on R&D and innovation



*Artist's impression of the campus



PLASTINDIA FOUNDATION®

Key Initiatives

Plasticulture

Vision:

To create a platform across India, to conserve water, to increase productivity through the use of Micro Irrigation Systems by deploying PLASTICULTURE innovations; creating an impact on the yield of agricultural produce of India; enhancing the shelf life of yield; and to become an integral part of the second green revolution of India, leading to a sustained use of plastics in the field of agriculture.

Plastics can be employed with ease at various stages of agriculture:

- Water Conservation: Harvesting, storage, transportation and irrigation
- Pre-Harvest: Protection/agriculture practices
- Post-Harvest: Plastics play an important role in the protection of the harvest, and in transportation of the produce, and other farm related operations

The activities of the Plasticulture initiative are:

- Adoption of village clusters for implementing micro-irrigation
- Demonstrating the benefits of micro-irrigation through mobile exhibitions

The outcomes of the Plasticulture activation are as follows:

- Increase in agricultural / horticultural productivity
- Improvement in quality of the produce
- Water saving of up to 50–60%
- Fertilizer savings
- Healthy reduction in post-harvest losses
- Cold desert/wasteland to be made productive



Key Initiatives

ITI Adoption

This initiative is a key step in the Foundation's vision towards creating a suitably trained and certified blue collar work force for the industry.

Blue collar jobs account for almost 80% of the manpower requirement of any manufacturing industry. Meeting this demand with trained and skilled manpower has traditionally been an area of concern for the industry. The Government of India (GOI) has created a network of more than 5000 Industrial Training Institutes (ITIs), to work towards imparting vocational training through certification courses. Of these, more than 100 ITIs offer plastics processing related courses. The GOI encourages industry participation in the creation, execution and monitoring of vocational courses delivered by the ITIs, from the scheme of ITI adoption through Public Private Partnerships.

Plastindia Foundation, through its Educational & Industrial Training Committee, has assumed the role of an industry partner with the

Industrial Training Institutes (ITIs) – directly and through its members to develop, monitor and deliver courses in plastics related fields, at these vocational training institutions. The Foundation would also be a co-signatory in the certification process. It intends to contribute in the creations of 'Centres Of Excellence' for Plastics Processing Operators Training as well.

Main objectives of the initiative:

- To encourage, promote and support education of technical institutes, so as to significantly facilitate a quantum increase in the qualified human resource development availability, for the plastics industry
- To bring parity on the abilities of the student, irrespective of his industry training module
- To undertake activities to create awareness for plastics or polymers as a vocational opportunity



PLASTINDIA FOUNDATION®

Committees

The Foundation has formed committees comprising of experts, to address various issues towards fulfillment of the Foundation's aims and objectives.

The committees' function to contribute towards the progress and development of the plastics and polymers industry from various perspectives:

Co-ordination and Public Relations Committee

This committee actively pursues greater participation from, and interaction with, related and interested bodies outside the industry including the governmental authorities, NGOs and associations. The main functions of this committee are - liaison, consensus and opinion making.

Education and Industrial Training Committee

This committee co-ordinates education and training activities in the industry. Another function of the committee is to update data on new technologies for the plastic industry.

The Foundation is in the process of setting up 'Plastindia Academy of Technology and Management (PATM)'. PATM will be a world class provider of Specialized Degree Education, Continued Education and Training as well as Research & Development, with a view to enable the Indian Polymers and Plastics industry to achieve higher growth while serving India's larger socio-economic goals and aspirations.

Empowerment Committee

The committee was formed with its key objective to facilitate a world-class Knowledge Centre, which already is taking shape at Vapi, Gujarat.

Environment and Plastic Image Committee

The Environment Committee addresses issues related to the role of plastics in environment; environment conservation, resource conservation, natural resource renewal, and protection of the environment through recycling of plastics. The committee encourages industries that are involved in plastic recycling.

International Relations Committee

This committee promotes and facilitates the participation of Indian plastics and polymers industry in international trade fairs and expositions, for the promotion of international trade. The committee also facilitates and hosts 'India Pavilions' at major international shows.

Plasticon Awards Committee

This committee works towards encouraging and recognizing significant contributions by Indian companies and individuals to the plastics industry in terms of developing innovative products and technologies, conserving scarce resources, and increasing the role of plastics in economic growth.

Plasticulture Committee

This committee facilitates the participation of the plastics industry in agricultural sector. The committee focuses on increasing yield per hectare; reduction of harvesting; storage and transportation losses; and better utilization and conservation of water through the use of plastics in agriculture and horticulture.

Publication Committee

This committee works to create and maintain channels of communication between the Foundation and the various industry sectors of plastics and polymers. The committee publishes the in-house journal 'Plastindia Foundation', to keep all stakeholders informed on all the activities of the Foundation.

Managing Committee (2009-2012)

Ashok Goel
President

Bipin Shah
Vice President

K.K. Seksaria
Hon. Treasurer

Arvind Mehta
Imm. Past President

Amrit Patel

C. V. Jain

F. Pinto

Kailash Murarka

Manoj Agarwal

Nemish Sayani

Dr. P. Poomalai

Paresh V. Parekh

Raju Desai

Prof. (Dr.) S. K. Nayak

Sourabh Khemani

Founder Members

- The All India Plastics Manufacturers' Association
- Organizations of Plastics Processors of India
- Indian Plastics Institute
- Indian Plastics Federation
- Gujarat State Plastic Manufacturers' Association
- The Plastics Export Promotion Council
- Central Institute of Plastics Engineering & Technology

Vision Guidance Group

Plastindia Foundation has established a Vision Guidance Group consisting of eminent persons, for guiding the Managing Committee of the Foundation in implementing the various aspects of the vision.

Secretariat

The Foundation has a full-fledged Secretariat at Mumbai (India), for programme implementation, facilitation and co-ordination with members of plastics industry in India and abroad.

Registered Society & Public Trust

Plastindia Foundation is registered as a Society under the Societies Act 1860 and as Trust under Bombay Public Trust Act 1950. Contributions made to the Foundation are exempt from Income Tax u/s. 80G of the I.T. Act DIT (E)/MC/80G/404/2007/2007-08.



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