



NCPAH

Department of Agriculture Cooperation & Farmers Welfare  
Government of India



सत्यमेव जयते

Department of Chemicals & Petrochemicals  
Government of India



# National Conference on Potential of Plastic Industry in **NORTHERN INDIA** with focus to **'PLASTICULTURE AND PACKAGING'**

April 18, 2017, Chandigarh



Knowledge and Strategic Partner



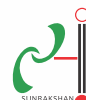
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# Plasticulture

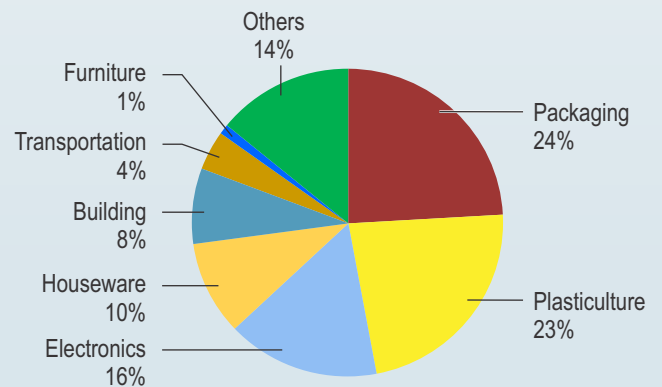
Right usage of water is becoming increasingly important given the fact that India currently supports nearly 18% of the world population, approx. 16 % of Cattle Population with 2.4% land and 4 % of water resources. The resultant is alarming fall in ground water levels esp. beneath the northern Indian states of Punjab, Haryana, Rajasthan & western UP. This will impact the food security of the nation as the region also happens to be its food bowl. The given map shows the details.

## Overview

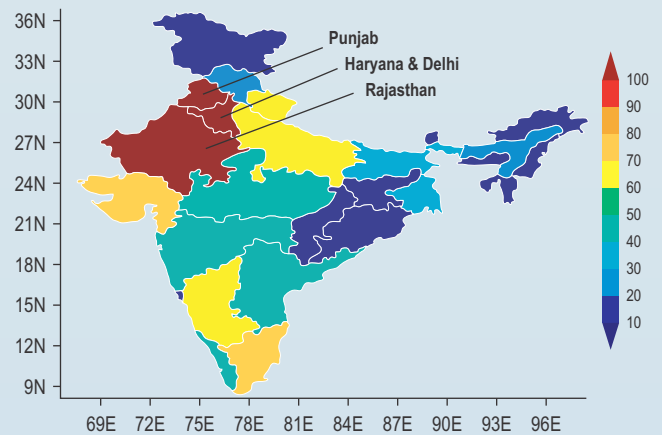
Plastic industry in India contributes significantly to the economic development and growth of various key sectors in the country such as: Agriculture, Packaging, Infrastructure, Construction, Electronics, Healthcare, Textiles, etc. The per capita consumption of plastics is much lower as compared to other major economies as shown in Figure. This indicates huge potential for growth for sector. Gujarat and Maharashtra in western India are two of the leading consumers of plastics in India. North India, despite its huge potential, in terms of both agricultural produce and packaging industry, is yet to emerge as a leading consumer of plastics in India.

Northern India has huge unrealized potential of consumption as also manufacture for the Plastics industry. With good availability of raw material becoming available from HMEI at Bhatinda, IOCL at Panipat as also by other national players such as Reliance/GAIL etc, there are opportunities waiting in the sector. The growth is expected to be driven by the usage of plastics for the Agriculture sector, food packaging, infrastructure etc. Further the plastic industry would greatly benefit after implantation of Goods and Services Tax as the measure would bring uniformity in prices of various products being manufactured in different states.

**Plastics Consumption by Application**

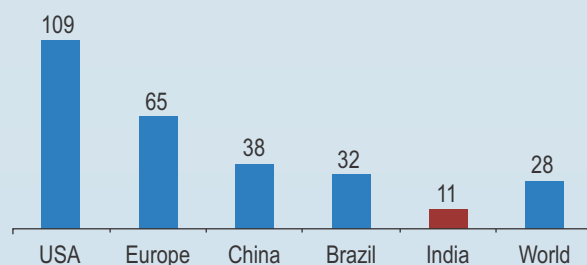


**Groundwater withdrawals as a percentage of groundwater recharge**



(Credit: NASA/Matt Rodell, Source – International Water Management Institute)

**Per Capita Plastic consumption (Kg/person)**



Plasticulture viz: the use of plastics in agriculture, and related areas provides an answer to the problem. The table below provides benefits of Plasticulture applications.

S.No.	Plasticulture Applications	Water Saving (%)	Water Use Efficiency (%)	Fertilizer Use Efficiency (%)
1	Drip Irrigation System	40-70	30-70	20-40
2	Sprinkle Irrigation System	30-50	35-60	30-40
3	Plastic Mulching	40-60	15-20	20-25
4	Greenhouse	60-85	20-25	30-35

(Source: NCPAAH)

### Potential benefits from Plasticulture applications

# Opportunity waiting for Plastics in Packaging

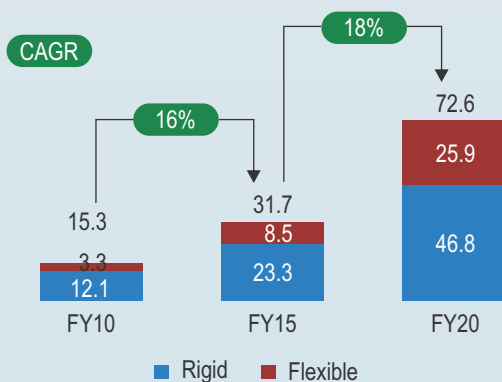
Plastics, currently, contribute to more than 40% of packaging needs of the country, and have successfully replaced traditional materials like paper boards, metals, wood, glass, etc in many applications. They are widely used in packaging for agri, food and beverages, FMCG items, pharmaceuticals, personal care products and other industries.

A high growth of more than 15% in Indian retail industry is driving the packaging market in India. The factors driving the retail industry in India include rise in per capita income, increasing urbanization and increase in working women population.

## Sustainability Challenge

Despite the good contribution by the Plastics industry to the nation, the sector has a perception issue in relation to plastics waste management. That basically is linked to the littering habit and need to have proper plastics waste segregation system. In fact there is a huge potential of industry based on plastics waste. All these issues will be debated in the conference.

### Plastic Packaging Industry Outlook (USD Bn)



Source: IBEF, Industry Reports, Analysis by Tata Strategic

## About The Event

FICCI jointly with Department of Chemicals & Petrochemicals and NCPAH-Ministry of Agriculture & Farmers Welfare, Govt are organising the National Conference – on Potential of Plastics Industry in Northern India with focus to Plasticulture and Packaging on April 18, 2017 at Chandigarh. A Knowledge and Strategy Paper covering all aspects of plastic processing industry is being prepared by Tata Strategic Management Group and will be released at the conference.

## Who Should Participate

- Policy Makers-Reps of state Industry/ agriculture/ Irrigation/ Farmers/ Processing Industry/ Plastic Machinery Industry, Prospective investor/Academic-State Agr. Universities/ Financial Institutions/ Civic Society.

## Event Objectives

- To showcase the potential of plastic industry in the region
- To facilitate water efficiency and bring focus to Plasticulture
- To facilitate sustainable growth of the sector keeping in view the environmental issues including plastic waste management & recycling aspect
- Role of plastic packaging
- Provide a platform for exchange of view among stakeholders

## Branding and Partnership opportunities

Please Note (\* Exclusive to One)

Partners	Logo Display	Complimentary Passes	Insertion in Delegate Kit
Platinum	at the top ✓	6 ✓	✓
Gold	✓	5 ✓	✓
Silver	✓	4 ✓	
Networking Lunch	Lunch Venue ✓	3 ✓	
Delegate Kit	Kit Bag ✓	2 ✓	
Event	✓	2 ✓	
Associate	✓	1 ✓	

Platinum Partner	INR 6 Lacs
Gold Partner	INR 5 Lacs
Silver Partner	INR 4 Lacs
Networking Lunch Partner	INR 2.5 Lacs*
Delegate Kit Partner	INR 2 Lacs*
Event Partner	INR 2 Lacs
Associate Partner	INR 1 Lac



# REGISTRATION FORM

Yes we are interested in participating in the conclave as a (Tick whichever is applicable)

- Delegate
  Sponsor (Please Specify)
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Name ..... Designation .....

Name ..... Designation .....

Organization: .....

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Pin: .....

Telephone(s): ..... Fax: .....

Email: ..... Mob: .....

Cheque/DD Number: ..... Dated: .....

Bank Details: ..... Amount: .....

## Advertisement for conference booklet

(Category and amount)

Category	Amount
Full Page	Rs. 20000
Inside Back Cover	Rs. 25000
Back Cover	Rs. 30000
Inside Front Cover	Rs. 35000

## Refund Policy

Request for refund received before April 3, 2017. A 25% handling charges shall be deducted from the total amount deposited towards the delegate fee and the rest refunded by cheque. No refund request shall be entertained after April 3, 2017.

**Table Space:** Display opportunities with Table Space @ Rs.75000 + Taxes

## Participation Details

- Delegate fees includes (conference registrations, delegate kit, conference literature, Networking Lunch): INR 2000 per delegate inclusive of taxes
- For two or more delegates of the same company and FICCI members and members of supporting associations (10%) discount: INR 1800/- per delegate inclusive of taxes
- For 5 or more delegates from the same company & FICCI Corporate members, 25% discount: INR 1500/- per delegate inclusive of taxes
- Students / Academicians Participations INR1000
- It does not include airfare, hotel stay, or any other incidental expenses
- Please mention FICCI membership number in the Registration Form to avail the discount. All fees are payable by cash/ cheque/demand draft in favour of "FICCI" payable at New Delhi
- You may also pay through Swift transfer in favour of "Bank Name: United Bank of India, 1 Tansen Marg, New Delhi - 110001. Savings A/c No. '0359018009732; SWIFT Code: UTBIINBBTNNM, IFSC Code: UTBI0TNNM709

### Please Note:

Foreign Nationals: USD 100/- per person

(Includes Indian residing abroad and foreigner residing in India)

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**INDIAN PLASTICS INSTITUTE**



**PLASTINDIA FOUNDATION**



Please return form along with the registration fees to:

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