

# National Conference & Awards on **Cold Chain**

**TECHNOLOGIES • CONVERGENCE • CAPACITY BUILDING**

**22<sup>nd</sup> May, 2018 – Hotel Shangri-La, New Delhi**



**PARTNER**



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**THE ASSOCIATED CHAMBERS OF COMMERCE AND INDUSTRY OF INDIA**

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The cold chain industry is seen as an emerging and fast growing business sector in India. Considering the current issue of food shortage and food security in India, cold chain facilities will play an important role in the country. According to report by Emerson Climate Technologies India\*, every year fresh produce worth INR 133 billion are thrown away because of the country's lack of adequate cold storage and transport facilities. However, this sector has witnessed a considerable growth in the last decade and is expected to have further improvement in growth rate in the years to come.

The role of Ministry of Food Processing Industry, Government of India is instrumental in development of cold chain infrastructure in India and is implementing scheme for its promotion. Other departments such as National Centre for Cold-chain Development (NCCD), NABARD, National Horticulture Board (NHB) and State Governments are also taking initiatives for the development of cold chain industry in India. This will enable industry to adopt better and more efficient technologies to ensure year-round availability of perishable food products and reasonable prices to the consumers but also equitable distribution to other parts of the country. India's cold chain sector is a combination of surface storage and refrigerated transport. The industry has been growing at a CAGR of 20% for the last three years. The cold chain market in India is anticipated to reach Rs 624 billion (US\$13 billion) by 2017, according to 2014 estimates. Currently, India has 6,300 cold storage facilities unevenly spread across the country, with an installed capacity of 30.11 million metric tonne.

Latest technology used world over in cold chain sector, is making inroads in India. And with the government sanctioning new cold chain projects in the recent past, the demand for more efficient cold storages is going to increase in the future. Hence, with further support from government, new players are going to enter India and a platform is required where these latest know how, equipments and infra facilities gets noticed and new players are made aware of.

To address this subject matter of national importance, **ASSOCHAM proposes “National Conference & Awards on Cold Chain – Technology, Convergence and Capacity Building” on 22<sup>nd</sup> May, 2018.** The conference will focus on the areas like latest technology in the sector, creation of the cold chain infrastructure, statutory clearances required from the state government, role of clean energy, and linking all these activities with market.

## **Objectives**

The conference will focus on the Cold Chain sector in India with a view to adopt latest technology in freezing, infrastructure, post harvest and logistics by meeting the following objectives:

- To abreast the business world in general and delegates in particular about emerging opportunities for investment in cold chain industry in India
- To discuss the new Innovation, technology and know-how in implementing Cold Chain Infrastructure in the country.
- To make the sector future ready in post harvest, clean energy, logistics and support services
- To explore the use of clean energy in the cold chain infrastructure.





## Focus Areas

- ⊙ **Scenario of Cold chain industry:** Current scenario, existing infrastructure, key players and growth trends. Key issues and challenges across the industry.
- ⊙ **Technology landscape:** Existing technologies in use across the stages of value chain and across the operations involved in the cold chain infrastructure. Merits, demerits and need of the hour.
- ⊙ **Future technologies in cold chain Infrastructure:** Future technologies in refrigeration technologies, material science, packaging technology, technologies supporting post-harvest care, food safety, monitoring, logistics etc.
- ⊙ **Research in India:** Current research in India in academic and industrial sectors in comparison to global scenario; Challenges in research- funding, skillset and capacity building; Access to globally proven technologies.
- ⊙ **Impact of regulations:** Readiness of industry to adapt to new technologies to meet the changing regulations like refrigerant phase outs, climate change accords etc.
- ⊙ **Solar and Renewable Energy in Cold Chain:** Keeping in view the high energy usage and impact on environment. Lot of green initiatives can be considered while setting up cold chain like use of energy efficient machinery and renewable energy like solar or biomass etc. Government is also giving incentive for such initiatives.
- ⊙ **Creation of Cold Chain Infrastructure:** There are many challenges which are faced by the industry today for the creation of cold chain infrastructure like high initial cost of cold chain projects, rising costs of land, construction and plant and machinery, rising cost of energy, lack of proper road infrastructure, lack of adequate refrigerated transport facilities and lack of availability of trained personnel. All these issues and challenges are needed to be addressed for the growth of cold chain industry in India.
- ⊙ **Lack of standards and protocols in construction and operation of facilities:** Technical standards followed in India are mostly unsuitable for Indian conditions, which results in lower performance of standard refrigerated systems.
- ⊙ **High fuel cost and power cuts:** Fuel costs in India constitute around 30% of operating expenses of cold storage in India as compared to 10% in the West. Further, cold storages are dependent on steady supply of power. Most Indian regions face power cuts. Hence, these companies have to invest in power back-ups, which push up the capital investment requirement.
- ⊙ **Low awareness of labour in handling temperature-sensitive products:** In India, the supply chain of most products is long and fragmented. A product changes many hands from source to delivery point. Most workers involved in this are not properly trained in handling temperature-sensitive products resulting in deterioration of product quality before reaching the consumer.
- ⊙ **Role of Financial Institution:** Financial institutions should play a major role to encourage the investors to invest in cold chain infrastructure by sanctioning term loan and providing nominal interest rates. The government agencies like APEDA, NHB and MPEDA etc are encouraging investors by providing them financial assistance.

## Participants Profile

*To discuss the policy, technology, business and trade for sustained growth and opportunities in this sector:-*

- ⊙ Technology Providers
- ⊙ Government Sector / State Enterprise
- ⊙ NCCD
- ⊙ Logistics companies
- ⊙ Public and Private Sector Banks as well as Other Financial Institutions
- ⊙ Promoters of cold chain projects supported by MoFPI
- ⊙ Representatives from MNRE, NSDC, APEDA, NHB, NHM, NCDC, SMDs of NMFP, etc
- ⊙ Frozen Food Manufacturer
- ⊙ Food product/ Semi-finished Products Manufacturer
- ⊙ Dairy Manufacturer
- ⊙ Beverage/ Soft Drink/ Brewing Industry
- ⊙ Agro Industry
- ⊙ Food Service Equipment Dealer/ Distributor
- ⊙ Food/Agri Retail Companies
- ⊙ Representative of Industry associations, Farmer Groups and Farmer's Organizations & Cooperatives and other stakeholders
- ⊙ Cold chain equipments maker and warehousing service providers
- ⊙ Representatives from Agricultural Universities and Academia's



# PARTNERSHIP OPPORTUNITIES

Category	Amount (INR)	Logo in the Main Backdrop	Acknowledgment in Thank You Panel	Corporate Literature in Delegate Kit	Speaker Opportunity in Technical Session	Speaker Opportunity in Inaugural Session	Corporate Movie during tea breaks	Stall	Standeers at the Conference Venue	Delegate Pass
Platinum Partner	6,00,000	✓	✓	✓	✓	✓	✓	✓	2	8
Diamond Partner	5,00,000	✓	✓	✓	✓	✓		✓	1	6
Gold Partner	4,00,000	✓	✓	✓	✓			✓		5
Silver Partner	3,00,000	✓	✓	✓	✓					4
Delegate Kit Partner	2,00,000	✓	✓	✓						3
Logo Partner	1,00,000	✓	✓							2

Excluding GST as applicable

For Only Exhibition Opportunity  
Stall Charges: 3X2 mtr – 50,000/-

Delegate Fees:  
Rs. 2,000/- (plus GST) each  
International Delegate Fees: USD 100  
10% discount for group registration

## COLD CHAIN INDUSTRY AWARDS-2018

To apply please visit: [www.assochem.org](http://www.assochem.org)

Per Nomination: Rs 30,000/- (plus GST)

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