

Organised & Managed by

Knowledge Partner

We Support the Initiatives of



Ministry of Agriculture,  
& Farmers Welfare,  
Government of India



**M F P I**  
Ministry of Food Processing Industries  
Government of India

# Biggest Virtual Summit on Agriculture & Food Processing

29<sup>th</sup> - 30<sup>th</sup> Oct. 2021

**1<sup>ST</sup>** Knowledge  
Millennium Summit-2021

**GREEN PROCESSING REVOLUTION**

**A I M**

**Agriculture**

**Innovations**

**Market**

through

**Agri Business**

**Technology**

**Value Chain**



29<sup>th</sup> - 30<sup>th</sup> October 2021

# Overview of Two Days Green Processing Revolution Summit (GPRS)

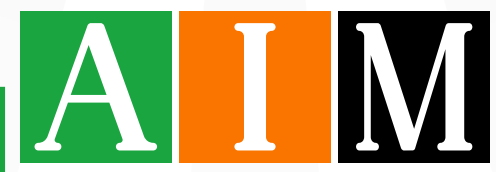
Green Revolution is not a new concept for India. The country has already reaped the benefits of such great revolution which changed the statics of the country completely and brought it at a level playing field with many more countries of the world. The impact of the Green revolution is seen not merely in the increase of food grain production, but in reality it goes far beyond.

Agribusiness Sector is an Important Link in Economic Growth Models. India needs Green revolution again or we may say India needs Green Processing Revolution to bring back the economy on track.

**Food processing** is the transformation of agricultural products. India's food ecosystem offers huge opportunities for investments with stimulating growth in the food retail sector, favourable economic policies and attractive fiscal incentives. By 2024, the Food Processing industry will potentially attract USD 33 Bn investments and generate employment for 9 Mn people. The Food & Grocery market in India is the sixth largest in the world and it further constitutes almost 65% of the total retail market in India. Additionally, the government has sanctioned 42 Mega Food Parks (MFPs) to be set up in the country under the Mega Food Park Scheme of which 17 are currently functional.

Ministry of Food processing also focusses on Agro Processing Cluster for the development of modern infrastructure and common facilities to encourage group of entrepreneurs to set up food processing units based on cluster approach by linking groups of producers/ farmers to the processors and markets through well-equipped supply chain with modern infrastructure.

Therefore, Knowledge Chamber of Commerce and Industry of India along with FLS Communication and media are organizing its Knowledge Millennium Summit on Green Processing Revolution on 29 - 30 October at India which emphasizes on Agriculture & Food Processing with a theme of AIM. AIM signify Agriculture, Innovations & Market through Agribusiness, Technology & value chain at large.



Government of India made its intention to grow the Indian economy as fast as possible. Agriculture is the backbone of Indian economy and has a key role to play in helping the country achieve its goal and get back economy on track.

# First Day Green Revolution Again

## Focused Discussion

"The government had committed to doubling farm income by 2022" - Budget 2020.

### Agriculture through Agribusiness :

#### INCLUSION OF THE FARMER

**PREAMBLE :** Understand the schemes of the Government / Departments and Addressing the issues of credit delivery to farmers, and providing access to credit, with low interest rates and nominal processing costs, towards various purposes like risk insurance.

- Formation of cash crop and export centric farming system
- Kisan Rail to Krishi Udan
- PM KUSUM (Pradhan Mantri Kisan Urja Suraksha evam Utthan) scheme & Solar farms
- e-mandi through the e-NAM network
- Agro Processing Cluster by MoFPI
- Blue revolution scheme for Marine & Fish farming
- Cold Storage & warehousing Facilities
- The status of Crop Insurance: Views from Crop Insurance Agencies
- Financial Inclusion
- Improving Price Discovery Mechanisms
- Delivering Better Value to the Farmers : Commodity Boards and Trading Firms

#### PROMOTING VALUE ADDITION IN CROPS

**PREAMBLE :** Value addition in crops linking the crop production with the market demand and processing requirements as in the case of Potato and associating the nature of crop production with consumer preference such as in the case of Organics.

**The discussions will focus on :**

- Developing the appropriate Agronomic package for Crops towards Higher Value Addition
- Processing Requirements led Crop Development and Research

#### ORGANICS : ISSUES IN WIDER ADOPTION

**PREAMBLE :** Limited land resource is the limiting factor to getting more returns and involving more players in this field. To make Agribusiness more viable, there is a need to increase productivity by improving our Agronomic practices, increasing input resources and efficiency.

**The discussions will focus on :**

- Traditional Method of organic Farming
- Issues of certification
- Technologies in improving land utilization efficiencies such as dryland, wasteland and submerged situation technologies
- Increasing Input Resource Efficiencies through higher water use efficiencies, integrated pest and nutrient management

#### SUPPLY AGGREGATION MODELS FOR FARMERS

**PREAMBLE :** It is a known fact that farmers can get better value from their produce by resorting to pre-sorting and grading and using storage facilities towards timing the sale of the produce. This often requires not only a good business sense but also professional knowledge.

**The discussion could be focused on the following :**

- Strengthening Agri-Clinics and Farmer Cooperatives: Can they support each other
- Cooperative structures: Conditions for success

#### TECHNOLOGY INNOVATION AND ADOPTION

**PREAMBLE :** introduction of Innovations & new technologies and enabling their speedy adoption by the farmers.

**The following deliberations could be taken up :**

- Discussion on case studies of technology innovations in agriculture and the resultant effect on Production and Agribusiness
- Discussion on issues related to R&D in technology and possible solutions from the industry
- Discussion on development of standards for technologies in Indian context
- Effect of mobile and internet on the stakeholders in Agriculture sector
- The impact of new technologies like Artificial intelligence, Augmented & Virtual Reality Tech



# Second Day Food Processing, Investment & Business Opportunities

India is the world's 2<sup>nd</sup> largest producer of food next to China, and has the potential of being the largest food and agricultural sector. There is an opportunity for large investments in food and food processing technologies, skills and infrastructure, especially in areas of canning, dairy packaging, frozen food / refrigeration and thermo processing. Fruits and vegetables, milk and milk products, meat and poultry, packaged / convenience foods, organic foods, Beverages, Snacks & Bakery, Fl & Spices are important sub - sectors of the food processing industry. Dairy is another area where India witnessed substantial foreign investment.

## EXPORTS

Food Processing Sector has also tremendous export potential. Presently, India's exports of Processed Food was Rs. 3111.90 Crores in 2018-19, which including the share of products like Mango Pulp (Rs. 657.67 Crores/ 93.97 USD Millions), Processed Vegetables (Rs. 2473.99 Crores/ 354.75 USD Millions), Cucumber and Gherkins( Prepd. & Presvd) (Rs. 1436.08 Crores/ 205.84 USD Millions), Processed Fruits, Juices & Nuts (Rs.2804.97 Crores/ 402.52 USD Millions) Pulses (Rs. 1680.18 Crores/ 242.66 USD Millions), Groundnuts (Rs. 3298.33 Crores/ 473.81 USD Millions), Guar gum (Rs. 4707.05 Crores/ 676.47 USD Millions), Jaggery & Confectionary (Rs. 1606.32 Crores/ 230.14 USD Millions), Cocoa Products (Rs. 1350.86 Crores/ 193.26 USD Millions), Cereal Preparations (Rs. 3859.37 Crores/ 553.17 USD Millions), Alcoholic Beverages (Rs. 2103.97 Crores/ 301.71 USD Millions), Miscellaneous Preparations (Rs. 4072.98 Crores/ 583.33 USD Millions), and Milled Products (Rs. 1060.13 Crores/ 151.85 USD Millions).

## RETAIL

Retail, one of the largest sectors in the global economy (USD 7 Trillion), is going through a transition phase in India. One of the prime factors for non-competitiveness of the food processing industry is because of the cost and quality of marketing channels. Globally more than 72% of food sales occur through super stores. India presents a huge opportunity and is all set for a big retail revolution. India is the least saturated of global markets with a small organized retail and also the least competitive of all global markets.

## FOCUSED DISCUSSION

### ATTRACTING INVESTMENTS

**PREAMBLE:** Investments in the Food Processing sector is a much required need and can take the form of both hard and soft infrastructure covering technology development and adoption and investments in human capital and market led research.

**The following deliberations could be taken up under the above:**

- Discussion on investment experiences in the area of food processing
- Issues in Market Research in Food and Agribusiness especially in light of little quantitative data available: View of Market Researchers
- Attempts & Experiences of Government and State Agencies in attracting investments
- Key Policy initiatives towards attracting investments in Food Processing

### BUSINESS OPPORTUNITIES

**PREAMBLE :** Opportunities in the Food Processing sector in various segments

**The following deliberations could be taken up under the above:**

- Discussion on business opportunities in the area of food processing
- The emergence of new food categories (such as Frozen/RTE/ Functional Foods) and the market for these products
- Fruits and Vegetables: What's hot and what isn't: A view from the retailers
- Organics: Is there a market in India? How to make it more widely acceptable?
- Marine and Fish markets: Schemes & Opportunities
- Meat & Poultry: Opportunities at Large
- Dairy Products: Potential and Pitfalls
- Tea & Coffee: Rejuvenating the Sector
- Snacks & Bakery: A key segment for the Industries
- Beverages: Beyond the limit
- Food Ingredients & Spices: Government Efforts & Export Potential

## EMERGING FOOD BASKET & VALUE SPACE CREATION

**PREAMBLE :** It is now a well acknowledged fact that the changes in the economy and awareness of the Indian populace are exerting profound changes on the constitution of the Food Basket.

**The following deliberations could be taken up under the above:**

- Price Rise and Inflation: Effect on the food basket: An economic think tank's view
- Achieve the Dream target \$5 Trillion Economy

## TECHNOLOGY INNOVATION AND ADOPTION

**PREAMBLE :** The fortunes of the food industry are intimately linked to the introduction of appropriate technologies and enabling their speedy adoption by the users.

**The following deliberations could be taken up under the above :**

- Packaging Technology: A Key for Industries
- Cold Chain Storage & Technology: Prevent Losses; Better business

**The following deliberations could be taken up :**

- Discussion on case studies of technology innovations in food and agriculture and the resultant effect on business and stakeholders
- Discussion on issues related to R&D in technology and possible solutions from the industry
- Discussion on development of standards for technologies in Indian context: Case example of Cold Chain Technology standardization by NHB
- Examples of Successes in overcoming Skill Gaps by corporates and the attempt of the Government bodies in this area
- Effect of mobile and internet on the stakeholders in the Food & agribusiness sector.
- The impact of new technologies like Artificial intelligence, Augmented & Virtual Reality Tech

## STRENGTHENING TRADE LINKAGES THROUGH EXPORTS & IMPORTS

**PREAMBLE :** Trade linkages form the bedrock for any progress in food and agriculture. It is pertinent that not only the government but also the stakeholders take a conscious view of making inter-dependencies more efficient in order to increase value capture.

**The following deliberations could be taken up :**

- The role of government in strengthening trade ties: A view from the Ministry of Commerce on treaties and trade agreements
- Issues in Food Quarantine and Exports: Views from APEDA and Ministry of Food Processing, Ministry of Agriculture
- Cold Chain logistic & Supply

## REGULATORY AND POLICY ISSUES

**PREAMBLE :** Regulatory and policy issues have the potential to fast-track investments and alter investment climate and in this line, the following could be discussed:

- PPP in food processing: Is it as promising as it seems? : Views from MoFPI
- Regulatory concerns and facilitation measures: Views from Ministry and Stakeholders

## FOOD SAFETY, QUALITY & CERTIFICATION

**PREAMBLE :** Food Safety, Quality & certifications are the 3 parameters and a rigorous system to manage risks and provide safe products for use by companies. Following could be discussed:

- How to deliver consistent? Globally recognized food safety and quality certification Help?
- What is New? An overview summary of the changes
- Prepare for new regulations

## TARGET GROUPS

### Agriculture through Agribusiness

- ✓ Farmers-Kissan
- ✓ Agriculture & related Industries
- ✓ Seeds, Fertilizers and Pesticides Companies
- ✓ Tractor and Agriculture Implements Manufacturing Companies
- ✓ Agri-Biotech & Nanotech Companies
- ✓ Public and Private Sector Banks as well as Other Financial Institutions
- ✓ Exporters & Importers
- ✓ Consultants and Service Providers
- ✓ Central & State Government Departments, Corporations and Officials
- ✓ Progressive Farmers & Representative of Farmer Groups and Farmer's Organizations & Cooperatives
- ✓ Policy Makers and Other Stakeholders from Union and State Governments
- ✓ Experts / Representatives from Multilateral, Bilateral and Other International Organizations
- ✓ Representatives from NGOs and State Agricultural & Food technology Universities/institutes
- ✓ Agriculture and Horticulture Machinery
- ✓ Agriculture and Horticulture Equipment
- ✓ Agricultural and Horticultural Departments
- ✓ Distributors & Dealers
- ✓ Nursery and Floriculture
- ✓ Greenhouse and Polyhouse Technology
- ✓ Pipes and Pumps
- ✓ Consultancy Firms
- ✓ Irrigation and Water Harvesting
- ✓ Agricultural Logistics
- ✓ Tyres Manufacturers
- ✓ Agricultural Inputs
- ✓ Organic Products
- ✓ Plasticulture and Tissue Culture
- ✓ Banks and Financial Institutions
- ✓ IT & Software Solution Provider
- ✓ Pre to Post Harvest Treatments
- ✓ Dairy, Poultry and Livestock Farming Technologies and Equipment
- ✓ Feed and Feed Additives
- ✓ Veterinary Products & Surgical
- ✓ Solar Products & Solutions
- ✓ Gardening and Landscaping
- ✓ Agricultural Spare Parts
- ✓ Sprayer Pumps
- ✓ Machineries & Equipment's companies
- ✓ Cold Storage and Supply Chain Management Companies
- ✓ Agri-Food Retail Companies
- ✓ Storage, Handling & Transportation
- ✓ Goat Farming, Fisheries and Honey Bee Farming Technologies
- ✓ Mushroom Farming
- ✓ Aquaculture Farming Technologies
- ✓ And Other relevant representatives/industries

# Agribusiness through processing

- ✓ Food Processing , Agro & allied industries
- ✓ Fruits & Vegetables
- ✓ Dairy Industries
- ✓ Packaged Food Industries
- ✓ Food Ingredients & Spices
- ✓ Beverages Industries
- ✓ Organic Foods Industries
- ✓ Snacks & Bakery Industries
- ✓ Meat & Poultry Industries
- ✓ Fisheries & Aquaculture Industries
- ✓ Staples Industries
- ✓ Packaging Solutions Industries
- ✓ Cold storage and Cold chain
- ✓ Food & Food Processing Machineries & Equipment's companies
- ✓ Refrigeration's Industries
- ✓ Dairy Products, Confectioneries, Food Essence & Colours
- ✓ Leaning/Milling/Gliding Machineries & Equipments
- ✓ Frozen food/Refrigeration & Cold Chain Solutions
- ✓ Meat and poultry, packaged / convenience foods
- ✓ Cold Storage and Supply Chain Management Companies
- ✓ Agri-Food Retail Companies
- ✓ Storage, Handling & Transportation
- ✓ Public and Private Sector Banks as well as Other Financial Institutions
- ✓ Exporters & Importers
- ✓ Consultants and Service Providers
- ✓ Central & State Government Departments, Corporations and Officials
- ✓ Progressive Farmers & Representative of Farmer Groups and Farmer's Organizations & Cooperatives
- ✓ Policy Makers and Other Stakeholders from Union and State Governments
- ✓ Experts / Representatives from Multilateral, Bilateral and Other International Organizations
- ✓ And Other relevant representatives/industries

## SPECIAL FEATURES INCLUDE

- ✓ Dedicate online platform of Interaction with various feature
- ✓ Focused Partner Countries Virtual Session
- ✓ Focused Partner States Virtual Session with States Policy Initiatives in State Hall Series
- ✓ Focused Sessions on Business & Investment opportunities
- ✓ Virtual Business Exhibition Boxes
- ✓ Knowledge Millennium Awards 2021
- ✓ 200+ Agriculture related manufacturing, processing, packaging, value chain professionals.
- ✓ 300+ Delegates.
- ✓ 20+ Global Level Speakers.
- ✓ 2 Electrifying days of Interactive Sessions on Agriculture & Food Processing.
- ✓ Research Report by Knowledge Partner
- ✓ 20+ Technical Presentations.
- ✓ one-to-one meetings sessions for Investment in Countries & States.
- ✓ 10+ Global & National bodies, working on aspects of agriculture and Food Processing.

"The government has provided higher budget allocation for agriculture, and its allied activities as well as to the food and food processing sector for 2020-21." - **Union Budget 2020 India**

### ENTRY SUBMISSION & TECHNICAL CLARIFICATION

**ANKUSH BOTHRA**

Mob. : +91 95748 54044

Email : [ankush.bothra@Knowledgechamber.org](mailto:ankush.bothra@Knowledgechamber.org)

### SPONSORSHIP

**NAKUL PRAKASH LAKHE**

Mob. : +91- 90999 93460

Email : [nakuul.lakhe@knowledgechamber.org](mailto:nakuul.lakhe@knowledgechamber.org)

### DIGITAL ASSOCIATION

**NISHA NAHATA**

Mob. : +91 98992 26345

Email : [nisha@flsmedia.in](mailto:nisha@flsmedia.in)

### PARTICIPATION

**NIRAV SINHA**

Mob. : +91 90160 80681

Email : [events@knowledgechamber.org](mailto:events@knowledgechamber.org)

**KCCI CHAIRMAN OF FOOD PROCESSING COUNCIL WILL HELP YOU TO**

**START BUSINESS IN FOOD PROCESSING & ALIED SECTORS**