

National Conference

Climate Resilient Farming Solutions: Food Security to Fuel Security

15th October 2024, New Delhi

Knowledge Partner



Background

Agriculture is the backbone of India's economy, supporting over half of the population and playing a crucial role in the global food trade. It offers opportunities for innovation, profitability, and sustainability. India's diverse agricultural landscape, ranging from small farmers to large agribusinesses, drives socio-economic development but also presents challenges and growth opportunities, particularly with advancements in agricultural technology. Recent technological innovations and precision agriculture have enhanced productivity and sustainability. Agritech solutions address issues such as pest control, irrigation efficiency, and crop monitoring, increasing yields and reducing waste.

In today's rapidly growing economy and with a rising population, there is an urgent need for climate-resilient farming practices. As agricultural demands intensify and environmental conditions become increasingly unpredictable, adopting sustainable and adaptive farming solutions is essential. Moreover, these practices contribute to the vision of doubling farmers' incomes, aligning with broader government goals for rural prosperity.

Furthermore, the Indian government's biofuel policy highlights the use of maize and sweet sorghum for ethanol production, aiming to increase ethanol blending in petrol. This policy not only supports agricultural incomes by creating new markets for these crops but also contributes to climate-resilient farming solutions. By reducing reliance on imported oil and lowering carbon emissions, the policy advances both food security and fuel security, reinforcing the role of agriculture in sustainable development.

In addition, this policy aligns with global efforts to transition towards renewable energy sources and mitigate climate change. By integrating biofuels into the energy mix, India is not only enhancing its energy security but also driving the development of sustainable agricultural practices. This approach fosters a circular economy where agricultural residues and crops are effectively utilized, further promoting environmental stewardship and economic resilience in rural communities.

With the above background in mind and keeping the importance of integrating innovative agricultural practices and sustainable energy solutions, **ASSOCHAM is organizing a National Conference on "Climate Resilient Farming Solutions: Food Security to Fuel Security," scheduled for 15th October'2024 at New Delhi.**

This conference aims to bring together key stakeholders, including policymakers, industry leaders, and agricultural experts, to discuss and develop actionable strategies for advancing climate-resilient farming techniques and enhancing the role of biofuels in securing both food and fuel resources. Through a series of insightful sessions and collaborative discussions, the event will address the challenges and opportunities in scaling precision agriculture, fostering sustainability, and promoting energy security.

Objective

Climate-resilient farming practices aim to adapt to environmental challenges while ensuring food security, reducing resource depletion, and promoting biodiversity. Implementing precision farming on a larger scale for sustainability involves utilizing data-driven technologies to boost crop yields, minimize input wastage, and ultimately enhance efficiency while reducing the carbon footprint. Cutting-edge technologies such as AI, IoT, and drones are crucial in optimizing agricultural inputs like water, fertilisers, and pesticides, further propelling sustainable practices forward.

Innovative financial strategies, including Agri-fintech solutions and blended finance models, are essential in providing farmers with affordable access to capital. Strengthening biofuel policy frameworks will encourage the use of renewable energy in agriculture, lessening reliance on fossil fuels. To expedite Agritech innovation, fostering collaboration among academia, industry, and policymakers is vital, facilitating the exchange of knowledge, regulatory support, and commercialization of advanced technologies. These efforts are aligned with national objectives of enhancing profitability and doubling farmers' income.

Key Discussion Areas

❖ Session 1: Scaling Up Precision Agriculture for a Sustainable Future

In an era where sustainable farming is crucial, precision agriculture offers innovative solutions to enhance productivity while minimizing environmental impact. Mechanization, advanced farm machinery, and precision tools like sprayers, harvesters, and planters are crucial to scaling sustainable agriculture. Techniques such as drip irrigation and sprinklers further enhance water efficiency, reducing resource consumption while boosting crop yields. This session will dive into how precision agriculture technologies are paving the way for a more resilient, eco-friendly future in farming.

❖ Session 2: Advanced Technologies for Efficiency in Farm Operations

Digitization, drones, and IoT-based solutions are transforming farm operations, and enhancing efficiency in agricultural practices. From real-time monitoring to automated decision-making, these technologies help optimize resource usage, reduce wastage, and increase crop productivity. This session will explore innovative tools that are reshaping the future of farming, offering sustainable solutions for modern agricultural challenges.

❖ Session 3: Innovative Funding Solutions: Essential Financial Strategies for a Transformative Agricultural Landscape

Discover the essential financial strategies pivotal for advancing agricultural innovation. This discussion will delve into effective funding approaches and investment opportunities, focusing on how to support and accelerate technological advancements. The aim is to ensure a transformative impact on the agricultural landscape, driving future growth and innovation in the sector.

❖ Session 4: Biofuel Policy Frameworks: Aligning with Industry Needs

As the demand for sustainable energy solutions grows, the biofuel policy framework plays a crucial role in shaping industry practices. This session explores how recent policy updates expand the scope for ethanol production by including a diverse range of raw materials, such as sweet sorghum, sugarcane juice, sugar beets, starch-containing crops, and surplus food grains. This also supports the usage of crop residues from these crops for livestock fodder, boosting agricultural sustainability by reducing waste and supporting livestock nutrition.

Invited Eminent Speakers From

- | | |
|---|---|
| ❖ Ministry of Agriculture and Farmers Welfare | ❖ Agriculture technologists and biologists |
| ❖ Ministry of Chemicals and Fertilisers | ❖ Farm Machinery and technology manufacturers |
| ❖ Department of Food and Public distribution | ❖ Farmers and FPOs |
| ❖ State Governments | ❖ Scientists and Researchers |
| ❖ Regulators of Agri-inputs namely CIB&RC, PPVFRA, etc. | ❖ Banks and Financial institutions |
| ❖ Companies in Seeds, Technology and Machinery | ❖ International Experts |
| | ❖ Agritech companies |

Participants

- | | |
|---|---|
| ❖ Agritech and farm Mechanization companies | ❖ Agricultural extension agents and advisors offering practical expertise |
| ❖ Seeds, fertilizers, and plant protection manufacturers | ❖ Legal and regulatory experts navigating tech frameworks |
| ❖ Technology developers and providers specializing in IoT, AI, blockchain, etc | ❖ Farm technologists implementing cutting-edge agricultural practices |
| ❖ Policymakers, scientists, and academicians shaping agricultural policy | ❖ Farmers and agricultural practitioners, |
| ❖ Government representatives involved in agriculture and technology initiatives | ❖ Multilateral Organisations |
| ❖ Banks and financial institutions | ❖ Agro-Food Industry Partners |
| ❖ Supply chain and logistics experts in the agricultural sector | ❖ Agri & Food Consultancies |
| ❖ Agritech incubators and accelerators fostering innovation | ❖ Non-governmental organizations |
| | ❖ Development agencies |



Sponsorship Opportunities

This national conference provides an opportunity to network, showcase, promote, advertise & market the company's products, innovations, ideas, technology, and services in the Agritech sector amongst important dignitaries, a large, focused audience, and delegates.

Conference Partner Rs. 10 Lakhs	Principal Sponsor Rs. 7 Lakhs	Partners Rs. 5 Lakhs	Co-Sponsor Rs. 3 Lakhs	Supporter Rs. 1 Lakhs
<ul style="list-style-type: none"> • Status of 'Conference Partner' and the Partner's name and logo will be prominently displayed at the Conference venue. • Branding of company logo at the main backdrop at the Conference Venue. • Branding of company Logo in newspaper advertisement. • Logo branding in Thank you panel at the Conference Venue. • Logo branding in event brochure. • Speaker Slot to a company representative in Inaugural session & Technical session. • Corporate Video Play during the Tea and Lunch Break (4 min only). • Logo branding on the event Mailers. • Logo on the ASSOCHAM event Webpage. • Branding in ASSOCHAM's Social Media Platform. • Acknowledging sponsor name during the event • Complimentary exhibition space at the venue. • Insertion of Company's brochure into the documentation pack. • 15 Complimentary Passes to attend the Conference. 	<ul style="list-style-type: none"> • Branding of company logo at the main backdrop at the Conference Venue. • Branding of company Logo in newspaper advertisement. • Logo branding in Thank you panel at the Conference Venue. • Logo branding in event brochure. • Speaking opportunity as Panellist in 2 Technical Session. • Corporate Video Play at conference during the Lunch Break (3 min only). • Logo branding on the event Mailers. • Logo on the ASSOCHAM event Webpage. • Branding in Social Media Platform. • Complimentary exhibition space of at the Conference venue. • Insertion of Company's brochure into the documentation pack. • 10 Complimentary Passes to attend the Conference. 	<ul style="list-style-type: none"> • Branding of company logo at the main backdrop at the Conference Venue. • Branding of company Logo in newspaper advertisement. • Logo branding in Thank you panel at the Conference Venue. • Logo branding in event brochure. • Speaking opportunity as Panelist in 1 Technical Session. • Corporate Video Play at conference during the Tea/Coffee Break (2 min only). • Logo branding on the event Mailers. • Logo on the ASSOCHAM event Webpage. • Branding in Social Media Platform. • Complimentary exhibition space of at the Conference venue. • 7 Complimentary Passes to attend the Conference. 	<ul style="list-style-type: none"> • Branding of company logo at the main backdrop at the Conference Venue. • Branding of company Logo in newspaper advertisement. • Logo branding on the event Mailers. • Logo branding in Thank you panel at the Conference Venue. • Logo on the ASSOCHAM event Webpage. • Branding in Social Media Platform. • Insertion of Company's brochure into the documentation pack. • Complimentary exhibition space of at the Conference venue. • 5 Complimentary Passes to attend the Conference. 	<ul style="list-style-type: none"> • Logo visibility on event Backdrop. • Logo in newspaper advertisement. • Logo branding in Thank you panel at the Conference Venue. • Logo Branding on the event Mailers. • Logo on the ASSOCHAM event Webpage. • Branding in Social Media Platform. • 3 Complimentary Passes to attend the Conference.

Exhibition Stall – INR 50,000 + GST (Stall Size 3 x 2 Sqm.)

The event provides an opportunity for participating companies to exhibit their latest products & services. It would also provide a forum to explore mutually beneficial business opportunities and build partnerships and alliances.

Benefits to Exhibitor: (a) Completely built-up stall 3 x 2 sqm with Company Fascia; (b) Two Chairs, one table, spotlights, wastepaper basket, electric points; (c) 2 Complimentary Delegate Passes.

For more information please contact:

Mr. Harsh Vardhan Sharma Deputy Director E: harsh.sharma@assochem.com M: 9990346015	Ms. Aaina Agrawal Assistant Director E: aaina.agrawal@assochem.com M: 8756440700	Mr. Nitesh Sinha Senior Executive E: nitesh.sinha@assochem.com M: 9968388144	Ms. Nayonika Das Executive E: nayonika.das@assochem.com M: 8287966975
--	--	---	--

The Associated Chambers of Commerce and Industry of India

4th Floor, YMCA Cultural Centre and Library Building, 01 Jai Singh Road, New Delhi – 110 001

Follow us on:

