



Food and Agriculture  
Organization of the  
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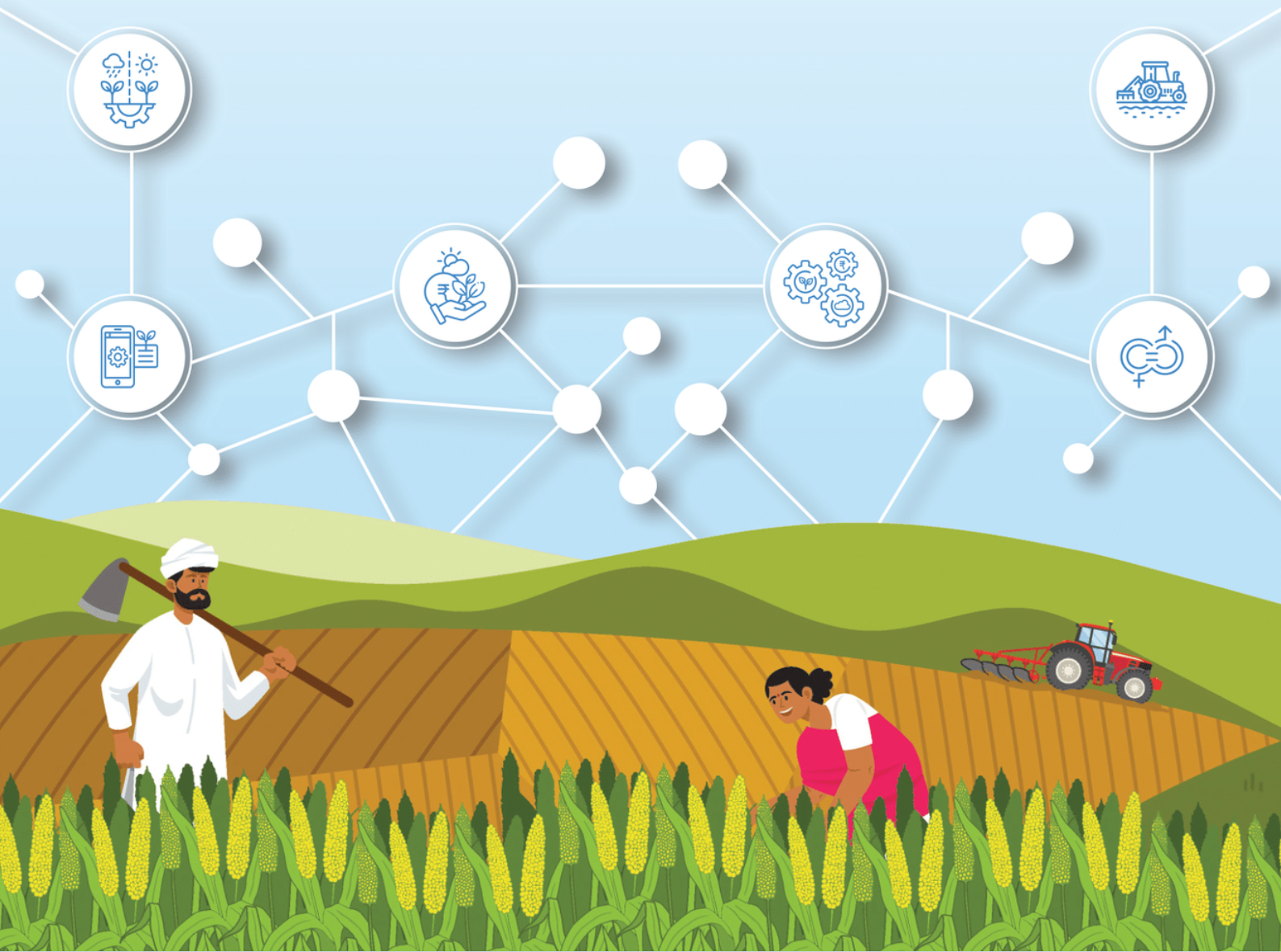
नीति आयोग  
National Institution for Transforming India



सत्यमेव जयते  
Ministry of Agriculture & Farmers Welfare  
Government of India

# Investment Forum for Advancing Climate Resilient Agrifood Systems

18-19 January 2024, India International Centre, New Delhi



## DAY 1: THURSDAY, 18 JANUARY 2024

9:00-9:30am	<b>REGISTRATION</b>
9:30-10:00am	<b>INAUGURAL SESSION</b>
	<ul style="list-style-type: none"><li>• Lighting of Lamp</li><li>• Video Screening</li><li>• Opening remarks and priority setting: Mr Takayuki Hagiwara, FAO Representative in India</li><li>• Remarks: Mr Shombi Sharp, UN Resident Coordinator in India</li><li>• Vision for advancing climate resilient agrifood system: Mr Manoj Ahuja, Secretary, Ministry of Agriculture and Farmers' Welfare, (MoA&amp;FW), Government of India</li><li>• Keynote address: Prof Ramesh Chand, Member, NITI Aayog</li></ul>
10:00-11:30am	<b>SESSION 1: CLIMATE RESILIENT AGRICULTURE: EXPERIENCE AND PATHWAYS</b> What we know about climate resilient agriculture production, the potential impact on farmers and crops such as millets, rice, maize, sugarcane, cotton, wheat etc. Provides climate scenario, vulnerability assessment and probability of natural disasters.
	<p><b>Facilitator:</b> Mr Shyam Khadka, Former FAO-R, India</p> <p><b>Farmers' voice:</b> Ms Sadhna Pauranik (Madhya Pradesh) and Mr Upendra Nathani (Gujarat)</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"><li>• Dr Ashok Dalwai, Former Chief Executive Officer, National Rainfed Area Authority</li><li>• Mr Franklin L Khobung, Joint Secretary, MoA&amp;FW, Government of India</li><li>• Dr V K Singh, Director, Central Research Institute for Dryland Agriculture, Hyderabad</li><li>• Prof Haripriya Gundimeda, <i>Institute Chair</i> Professor (Economics), Department of Humanities and Social Sciences, at the Indian Institute of Technology, Mumbai</li><li>• Mr Ravindra Adusumilli, Executive Secretary, Watershed Support Services and Activities Network</li></ul> <p><b>Indicative coverage:</b></p> <ul style="list-style-type: none"><li>• Innovative approaches at resource use optimization and enhancing overall farm efficiency.</li><li>• Supportive policy frameworks, enforcement, and capacity building.</li><li>• Collaboration of stakeholders and role of private sector investments.</li></ul> <p><b>Open floor discussion</b></p>
11:30-12:00pm	<b>TEA</b>



12:00-1:30pm	<p><b>SESSION 2: DIGITAL INFRASTRUCTURE AND SOLUTIONS</b></p> <p>What is happening in the digital agriculture space? The key drivers and demand side perspective on climate resilient digital agriculture. Challenges to inclusive and gender-sensitive technology access, its efficiency for last-mile delivery and the need for investments.</p>
	<p><b>Facilitator:</b> Dr Purvi Mehta, Senior Advisor of the Global Growth and Opportunities Division, Bill and Melinda Gates Foundation</p> <p><b>Presentation:</b> Digital Solutions for Agriculture Extension on Climate Resilient Agriculture - Mr Samuel Praveen Kumar, Joint Secretary, MoA&amp;FW, Government of India</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>• Mr Hemendra Mathur, Venture Partner and Co-founder Bharat Innovation Fund and ThinkAg</li> <li>• Mr Rajat Vardhan, Chief Executive Officer, AgroNxt</li> <li>• Mr Jagadish Babu, Chief Operating Officer, EkStep Foundation</li> <li>• Mr Deepak Verma, Domain Lead, Agriculture, Open Network for Digital Commerce</li> <li>• Mr Anil Pareek, Climate Tech, Agri FinTech Expert and Chief Strategy Officer, Leads Connect Services Pvt. Ltd.</li> </ul> <p><b>Indicative coverage:</b></p> <ul style="list-style-type: none"> <li>• Customizing digital agriculture for small-scale farmers and factors/challenges in last mile delivery, farmers' and crop survey registry and geo-referenced village maps registry.</li> <li>• Policy reorientation towards facilitating digital agriculture.</li> <li>• Key innovations: multilocational and enhanced efficiency.</li> </ul> <p><b>Open floor discussion</b></p>
1:30-2:30pm	<b>LUNCH</b>
2:30-4:00pm	<p><b>SESSION 3: FINANCING CLIMATE RESILIENT AGRIFOOD SYSTEMS (DOMESTIC)</b></p> <p>What is the present status of access to sufficient and adequate finance for the agriculture sector and in particular climate resilient agrifood systems? Instruments to negotiate inadequate enabling environments, lack of capacity to manage exposure to specific agricultural risks, and high transaction costs. Need for short-term working capital loans and longer-term investment capital to benefit the smallholder farmers, in particular women who are disproportionately affected.</p>
	<p><b>Facilitator:</b> Mr Shaji K V, Chairman, NABARD</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>• Mr Sunjay Vuppuluri, National Head, Food and Agri-business strategic Advisory and Research unit of Food and Agri-advisory, Yes Bank</li> <li>• Mr Jinesh Shah, Managing Partner, Omnivore</li> <li>• Mr Anil Kumar S G, Founder and CEO, Samunnati Financial Intermediation and Services Private Limited</li> <li>• Ms Jasmer Dhingra, Director Programs (India), IDH</li> <li>• Mr Ramaswamy Gopalakrishnan, Executive Vice President, Axis Bank</li> </ul>



	<p><b>Indicative coverage:</b></p> <ul style="list-style-type: none"> <li>• Innovative private and public partnerships for integrated risk financing.</li> <li>• Platforms to strengthen stakeholder collaboration, build partnerships, and mobilize resources.</li> <li>• Investment plans to create a guaranteed product to de-risk collateral-free loans.</li> </ul> <p><b>Open floor discussion</b></p>
4:00-4:30pm	<b>TEA</b>
4:30-6:00pm	<p><b>SESSION 4: CLIMATE RESILIENT VALUE CHAINS</b></p> <p>What is happening on ground and why is transformation needed? Inclusive private sector alignment and investment potential in the multistakeholder space. Challenges and potential pathways intertwining the role of Farmer producer organizations (FPOs), Farmer producer companies (FPCs) and farmers' collectives</p>
	<p><b>Facilitator:</b> Mr Gaurav Sishodia, Vice President, Invest India</p> <p><b>Presentation:</b> Ms Kavery Ganguly, Principal Lead, Food and Agriculture Centre of Excellence (FACE), Confederation of Indian Industry</p> <p><b>Farmers' Voice:</b> Ms Tulsa Prajapati from Damoh Ajeevika Mahila FPC, Bundelkhand.</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>• Mr Nikhil Toshniwal, Vice-president, DeHaat</li> <li>• Mr Sanjay Sacheti, Country Head - India Region at Olam Agro India Ltd.</li> <li>• Mr Giresh Mohan, Operations Manager, Social Investments, ITC Ltd.</li> <li>• Ms Anuja Kadian, Chair - FICCI Taskforce on Sustainable Agriculture, &amp; Government &amp; Industry Affairs, Director, Asia Pacific, Corteva Agriscience</li> <li>• Dr Shalander Kumar, Deputy Global Research Program Director, ICRISAT</li> </ul> <p><b>Indicative coverage:</b></p> <ul style="list-style-type: none"> <li>• Opportunity for industry-wide convergence for inclusive value chain and private sector alignment and investment in multistakeholder space.</li> <li>• Potential pathways for responsible investment for an attractive environment for investors, private or public to transform aggregation and value chain.</li> <li>• Role of government to encourage regulatory and business environment for accessibility of market solutions.</li> </ul> <p><b>Open floor discussion</b></p>
6:00-6:10pm	<p><b>SUMMARY OF DAY 1:</b> Dr Konda Chavva, Assistant FAO-R (Programme)</p>
7:00pm onwards	<b>NETWORKING DINNER</b>



## DAY 2: FRIDAY, 19 JANUARY 2024

9:00-10:30am	<p><b>SESSION 5: PRODUCTION PRACTICES AND INPUTS FOR CLIMATE RESILIENCE</b></p> <p>Current situation concerning practices and inputs that can facilitate the farm sector towards climate resilient agrifood systems. Investments in practices and inputs towards improving yield stability and minimizing susceptibility to climatic hazards through climate-resilient agriculture practices. Can learning experience from indigenous communities contribute? Ideas for advancing climate resilient agrifood systems through subsidies.</p>
	<p><b>Facilitator:</b> Dr B Venkateswarlu, Former Vice-Chancellor of Maratwada Agricultural University, Parbhani and Ex-Director, ICAR-CRIDA</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"><li>• Dr Rajbir Singh, Assistant Director General (Natural Resource Management), ICAR, New Delhi</li><li>• Mr Dinesh P, Chief General Manager, Department of Climate Action and Sustainability, NABARD</li><li>• Mr Madhur Jain, Co-founder, Varaha Ag</li><li>• Mr Yogesh Dwivedi, Chief Executive Officer, Madhya Bharat Consortium of Farmers Producer Company Limited, Bhopal</li></ul> <p><b>Indicative coverage:</b></p> <ul style="list-style-type: none"><li>• Mechanisms and decision support tools to match production practices and inputs with agro-ecological zones.</li><li>• Design, management, and investments to deliver positive outcomes and close the gender disparity.</li><li>• Policy imperatives to support maximizing synergies for investment.</li></ul> <p><b>Open floor discussion</b></p>
10:30-11:00am	<p><b>TEA</b></p>
11:00-12:30pm	<p><b>SESSION 6: GENDER MAINSTREAMING AND SOCIAL INCLUSION FOR CLIMATE RESILIENCE</b></p> <p>Prevailing ecosystem in India and the challenges in gender and social inclusion towards susceptibility to the impacts of climate change in agriculture. A gender-responsive investment approach to climate change and economic resilience is crucial to address the increasing levels of vulnerability experienced by women and disadvantaged groups for climate-resilient agrifood systems.</p>
	<p><b>Facilitator:</b> Prof Bina Agarwal, Former Director, Institute of Economic Growth</p> <p><b>Presentation:</b> Gender mainstreaming and social inclusion for climate resilience: Perspectives from field by Ms Prapti Barooah, Senior Research Analyst, Natural Resources and Resilience Unit, International Food Policy Research Institute (IFPRI)</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"><li>• Ms Suhela Khan, Country Programme Manager, Women's Economic Empowerment, UN Women</li><li>• Ms Namita Vikas, Founder &amp; Managing Director, Auctus ESG</li><li>• Dr Purnima Menon, Senior Director, Food and Nutrition Policy, CGIAR and IFPRI</li><li>• Mr Varun Singh, Senior Social Development Specialist, World Bank</li></ul>



	<p><b>Indicative coverage</b></p> <ul style="list-style-type: none"> <li>• Equipping practitioners and policymakers with tools and knowledge of innovative gender and socially inclusive climate resilient agriculture practices and intervention approaches.</li> <li>• Future trajectories and pathways.</li> </ul> <p><b>Open floor discussion</b></p>
12:30-1:30pm	<b>LUNCH</b>
1:30-3:00pm	<p><b>SESSION 7: FINANCING CLIMATE RESILIENT AGRIFOOD SYSTEMS (GLOBAL)</b></p> <p>Present status of global investment for climate resilient agrifood systems towards integrating developing economies into the global market. How can the challenges prove to be an opportunity? How to promote new investments or create entrepreneurs? Untapped opportunities, competitive advantage, and the need for fiscal incentives towards foreign direct investments.</p>
	<p><b>Facilitator:</b> Dr Rajshree Ray, Economic Advisor, Ministry of Environment, Forest, and Climate Change (MoEF&amp;CC), Government of India</p> <p><b>Presentation</b> on Investment Environments in India for Investors by Mr Sandeep Singh, Assistant Director, Japan External Trade Organization</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>• Ms Chandni Raina, Economic Adviser, Climate Change Finance Unit, Department of Economic Affairs, Ministry of Finance, Government of India.</li> <li>• Mr Franck Viault, Minister Counsellor, Head of Cooperation, Delegation of European Union</li> <li>• Prof Purnamita Dasgupta, Chair Professor &amp; Head, Environmental &amp; Resource Economics Unit, Institute of Economic Growth, Delhi</li> <li>• Mr Yuvraj Ahuja, International Finance Corporation</li> <li>• Mr Brij Mohan, India Resident Mission, South Asia Department, Asian Development Bank</li> </ul> <p><b>Indicative coverage:</b></p> <ul style="list-style-type: none"> <li>• Global investment in India - landscape and readiness of the country in climate resilient agriculture food systems.</li> <li>• Enablers, policies, incentives, and roadblocks with value propositions to meet market needs and stand out in a crowded global investment landscape.</li> <li>• How the new businesses be promoted?</li> </ul> <p><b>Open floor discussion</b></p>
3:00-4:00pm	<p><b>SESSION 8: POLICY AND STRATEGY TO CREATE ENABLING ENVIRONMENT FOR ADVANCING CLIMATE RESILIENT AGRICULTURE</b></p> <p>Missions and national action plans in practice towards enabling environment for advancing climate resilient agriculture. Incremental efforts further ahead. Investments, initiatives, and strategic considerations towards policy on climate resilient agrifood systems.</p>



	<p><b>Facilitator:</b> Prof Ramesh Chand, Member, NITI Aayog</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>• Ms. Leena Nandan, Secretary, MoEF&amp;CC (TBC)</li> <li>• Mr. Manoj Ahuja, Secretary, MoA&amp;FW, Government of India</li> <li>• Mr Rakesh Kumar, Deputy Director General, Department for Promotion of Industry and Internal Trade, Government of India</li> <li>• Mr Andrew Goodland, Lead Agriculture Specialist, India and Afghanistan, World Bank</li> <li>• Mr Vikas Goyal, India Resident Mission, South Asia Department, Asian Development Bank</li> <li>• Mr Siraj Hussain, Former Secretary (Agriculture), Government of India and Advisor, FICCI</li> </ul>
4:00-4:10pm	<p><b>SUMMARY OF DAY 2:</b> Dr Konda Chavva, Assistant FAO-R (Programme)</p>
4:10-4:40pm	<p><b>CONCLUDING SESSION</b></p>
	<ul style="list-style-type: none"> <li>• <b>Roadmap for Advancing Climate Resilient Agrifood Systems:</b> Prof Ramesh Chand, Member, NITI Aayog</li> <li>• <b>Closing Remarks:</b> Mr Manoj Ahuja, Secretary, MoA&amp;FW, Government of India</li> <li>• <b>Vote of Thanks:</b> Mr Takayuki Hagiwara, FAO Representative in India</li> </ul>
4:40pm onwards	<p><b>TEA</b></p>

