

CII B20 Post Harvest and Logistics Summit
Theme: Greening India's Cold Chain
23rd June 2023: Hotel Le- Meridian, New Delhi
Programme Structure & Speaker Profile

1100 - 1200hrs	Inaugural Session	
1100 - 1105hrs	Welcome Address	Mr B. Thiagarajan Chairman, CII Task Force on Rural Development & Migrant Workforce & Managing Director, Blue Star Limited
1105-1110hrs	Theme Setting	Mr P. Ravichandran Chairman, CII National Committee on Cold Chain & President, Danfoss Industries Private Limited
1110-1120hrs	Address	Ms Liz Goodwin (Virtual) Senior Fellow & Director – Food Loss World Resource Institute, United Kingdom
1120-1130hrs	Address	Mr Faiz Ahmad Kidwai Additional Secretary Ministry of Agriculture & Farmers' Welfare
1130-1145hrs	Special Address	Dr. Ashok Dalwai Chief Executive Officer National Rainfed Area Authority Ministry of Agriculture and Farmer's Welfare
	Concluding Remarks	Mr Pankaj Mehta Vice- Chairman CII National Committee on Cold Chain & Managing Director, Carrier Transicold India & South Asia
	Vote of thanks	Ms Jane Karkada Senior Director CII – Food and Agriculture Center of Excellence

Session I: Advanced Technology for Clean Agriculture Supply Chain		
1200-1300hrs	Session Moderator	Mr B. Thiagarajan Chairman, CII Task Force on Rural Development & Migrant Workforce and Managing Director Blue Star Limited
		Ms Andrea Voigt (Virtual) Head of Global Public Affairs and Sustainability & Communications Danfoss Climate Solutions
		Mr Dimitris Karamitsos (Virtual) Senior Energy Efficiency Business Developer Specialist Basel Agency for Sustainable Energy (BASE)
		Mr Jimmy Washington Director of Sustainability and Cold Chain Development, Carrier, U.S.A
		Prof. Toby Peters (Virtual) Professor of Cold Economy University of Birmingham, U.K
		Mr Satish Kumar Founder & President AEEE
		Mr Samit Jain Managing Director Pluss Advanced Technologies Pvt Ltd

Session II - Facilitating Green Financing in Cold Chain to achieve energy efficiency		
1400-1500hrs	Session Moderator	Mr P. Ravichandran Chairman, CII National Committee on Cold Chain & President, Danfoss Industries Private Limited
	<i>Emerging climate finance instruments</i>	Mr Ajeya Bandyopadhyay Asia Lead-Climate Change Advisory International Finance Corporation
	<i>Dutch solutions for global challenges</i>	Mr Edwin van Veenhuizen Strategy and Partnership Manager Invest International, Netherlands
	<i>ADB's contribution to green climate fund</i>	Mr Krishan Singh Rautela Natural Resources and Agriculture Specialist Asian Development Bank
	<i>Green Financing</i>	Mr. Pramod Singh Senior Director, Research and Programmes AEEE

Session III - Leveraging collaboration between countries to enhance efficiency of cold chain		
1500-1600hrs	Session Chair	Mr Pankaj Mehta Vice Chairman CII National Committee on Cold Chain & Managing Director, Carrier Transicold India & South Asia
		Mr Amrendra Singh Logistics Lead Mondelez International
		Dr Anjani Kumar Senior Research Fellow IFPRI
		Mr Didier Coulomb (Virtual) Director General International Institute of Refrigeration (IIR) France
		Ms Ingeborg Bayer Counsellor for Food and Agriculture Embassy Of the Federal Republic Of Germany
		Mr Michiel van Erkel Agriculture Counsellor India Embassy of the Netherlands

Speaker Profile



Mr. Ajeya Bandyopadhyay

Asia Lead -Climate Change Advisory
International Finance Corporation

Mr. Ajeya Bandyopadhyay is presently the South Asia Lead of Climate Advisory of International Finance Corporation (IFC), World Bank Group. In this role, he is responsible for growing IFC's climate-focused and sustainable investment opportunities in Manufacturing, Agribusiness and Services sector. His key activities involve enabling investment opportunities through new project development and their implementation, enhancing investment outcomes to increase the development impact of IFC investments and improve the performance of IFC's portfolio clients, and improving investment conditions, collaborating with external stakeholders to drive sector and market-wide change.

Ajeya advises large private sector organizations on Decarbonization, Energy Transition, Circular Economy, Green Supply Chain etc. and, supporting their implementation through emerging climate finance instruments and targeted policy reforms. Prior to joining the World Bank Group, Ajeya was a Partner with KPMG (India), and before that he was a Director (Advisory) of EY, where he led advisory practices on climate change, clean technologies and climate finance and advised clients in 20 countries in 5 key geographies.



Mr. Amrendra Singh
Logistics Operations Lead,
Mondelez India & Bangladesh

Amrendra Singh is Lead - Logistics Operations Lead at Mondelez India & Bangladesh. With close to 18 years of management experience in the Supply Chain field - planning, logistics, and procurement, he has an in-depth understanding of key facets of the end-to-end supply chain covering Source – Plan – Make – Deliver. Prior to joining Mondelez India, he worked with Vedanta resource Plc in various procurement roles in Aluminum sector. He holds a Post Graduate degree from Symbiosis Centre for Management and HRD in Operations Management.



Ms Andrea Voigt

Head of Global Public Affairs & Communication,
Danfoss Climate Solutions

Andrea’s experience in the heating and cooling industry spans over two decades. In 2021, she joined Danfoss Climate Solutions as Head of Global Public Affairs and Member of the Strategy & Sustainability Leadership Team. Prior to Danfoss, for 12 years, she was leading the European Partnership for Energy and the Environment (EPEE), a major Brussels based industry association advocating for sustainable heating and cooling technologies in buildings, industry, and the cold chain at EU and at global level. Previous assignments included senior roles in sales, marketing, and communication. Andrea is a member of the RTOC and TEAP Energy Efficiency Task Force under the Montreal Protocol. She is a Board member of the UN hosted alliances The Cool Coalition and The Global Alliance for Buildings and Construction, as well as of the Global Food Cold Chain Council and the European Heat Pump Association (EHPA)



Dr Anjani Kumar

Senior Research Fellow
IFPRI, New Delhi

Dr Anjani Kumar is currently a Senior Research Fellow at International Food Policy Research Institute, South Asia Office, New Delhi. He received his Ph.D. (1999) and Masters (1992) in Dairy Economics from National Dairy Research Institute, Karnal, India. Before joining to IFPRI, he was Principal Scientist (Agricultural Economics) at the International Crops Research Institute for the Semi-Arid Tropics, Hyderabad. Earlier, he has served as Principal Scientist at National Centre for Agricultural Economics and Policy Research, New Delhi and as Senior Agricultural Economist in the Asia Office of International Livestock Research Institute, Nairobi. He has also worked as a consultant for many national and international institutions including FAO and World Bank. He has made significant contributions to agricultural economics and policy research. His research on various aspects of agricultural growth, trade, food safety and vertical integration from plough to plate, has provided a sound empirical basis for a greater policy emphasis on institutional innovations for sustainable growth of agriculture, critical to enhance farmers' income, improve human nutrition, manage production, and market risks and reduce farm poverty. He wrote more than 125 research papers in national and international research journals on various agricultural development issues. He has also contributed more than 70 papers/chapters to important books and proceedings. His contributions have been well recognized, and he is a Fellow of the National Academy of Agricultural Sciences (NAAS) of India. He has won a number of awards from national and international organizations. To list a few, he was awarded the prestigious Rafi Ahmad Kidwai Award (2017), Lal Bahadur Young Scientist Award (2005); and NAAS Young Scientist Award (2003).



Mr. B. Thiagarajan

Chairman

CII Task Force on Rural Development & Migrant Taskforce

Managing Director, Blue Star Ltd

B Thiagarajan is a Bachelor of Engineering in Electrical and Electronics from Madurai University, India. He has also completed the Senior Executive Program in London Business School in 2006. Thiagarajan has over 35 years of professional experience having worked for companies such as L&T, BPL and Voltas, prior to joining Blue Star.

He joined Blue Star in 1998, and is currently designated as Executive Director & President, Air-conditioning and Refrigeration Products Group. He is in-charge of the Manufacturing, Marketing and Service operations of Air-conditioning and Refrigeration Products business and Corporate Communications & Marketing as well as PR functions.

Thiagarajan plays an active role in the affairs of various industry forums including Confederation of Indian Industry (CII) and Refrigeration and Air-conditioning Manufacturers' Association (RAMA). He is a member of the National Council of CII and the Chairman of the CII National Committee on State Level Coordination for Agriculture. He is Chairman of Affirmative Action Sub Committee of Southern Regional Council of CII. He is also the Executive Committee member of the Indian Green Building Council.



Mr. Didier Coulomb

Director General

International Institute of Refrigeration (IIR) France

Didier Coulomb is a qualified engineer of the Ecole Polytechnique de Paris (1982) and the Ecole Nationale du Génie Rural, des Eaux et des Forêts (1984), and of the Institut des Stratégies Industrielles (1995). After internships, in particular in the Food industry, he worked for the French Ministry of Agriculture and Forestry in the North of France and Paris (Departmental Directorate for Agriculture and Forestry, Commissariat Général au Plan, General Department for food questions) in which he was more specifically in charge of technology and innovation (1984-1993). He then worked at the French Research Ministry, in particular as Deputy Director for innovation and technological development (1994-2002). He was then General Secretary of the CIRAD (Centre for General Cooperation in Agronomic Research for Development), a French centre of research for developing countries, till 2004. Since, Didier Coulomb is the Director General of the International Institute of Refrigeration (IIR).



Mr Dimitris Karamitsos

Senior Energy Efficiency Business Developer Specialist
Basel Agency for Sustainable Energy (BASE)

Dimitris is a Senior Energy Efficiency Business Developer Specialist at the Swiss organisation Basel Agency for Sustainable Energy (BASE). With more than 14 years of professional experience in the field of energy, entrepreneurship and sustainable technologies, Dimitris has experience in business model innovation, decarbonisation strategies and project implementation.

Within BASE, Dimitris plays a key role in accelerating the deployment of Servitization worldwide, including the Cooling as a Service (CaaS) model.

Dimitris is part of the founding team of the Servitization for Energy Transition (SET) Alliance – aiming to further engage both private and public markets to adopt the model and accelerate the path to a more climate resilient and circular future. He holds an MEng Mechanical Engineering from Imperial College and and MSc of Management, Technology and Economics from ETH *Zürich*.



Mr Edwin van Veenhuizen

Strategy & Partnerships Manager
Invest International

Edwin van Veenhuizen is Strategy and Partnerships manager at Invest International. Invest International is the Dutch impact investor working on "Dutch solutions for Global Challenges".

Edwin has built a now twenty-five-year career in finance at various public and private institutions (the Dutch Central Bank, ING, Dexia, BNG and FMO).

During his career, he has always been involved in corporate finance and project financing of national or local governments in cooperation with the private sector. Furthermore, he has developed, set up and advised funds, in both the public and private sectors. Within Invest International he is the Strategic Partnerships manager. Since the start of Invest International in 2021, his responsibilities include setting up so-called Dutch Desk in the various countries where Invest International operates. Dutch Desks are there to provide financial support to Dutch companies that want to start or expand their business.



Ms Ingeborg Bayer

Counsellor, Food & Agriculture

Embassy of the Federal Republic of Germany

Ms Ingeborg Bayer is currently working as a counsellor, Food & Agriculture at Embassy of the Federal Republic of Germany. She has pursued Agriculture in her education at Technical University Munich/Weihenstephan, Germany. In a career spanning over 35 years, she has worked with different organizations including Bundesanstalt für landwirtschaftliche Marktordnung, Frankfurt, Germany as well Molkerei Fa. Meggle Milchindustrie in Wasserburg.



Mr Jimmy Washington

Director, Sustainability and Cold Chain Development,
Carrier Refrigeration

Jimmy Washington advances the growth agenda for the sustainable cold chain, focusing on business development and product strategy in emerging markets, and driving Refrigeration's food waste and climate change reduction initiatives.

Jimmy is based in Palm Beach Gardens, Florida. He is a representative and speaker for Carrier at various forums and collaborates with international agencies on cold chain initiatives in developing markets.



Mr Krishan Singh Rautela

Natural Resources and Agriculture Specialist, Agriculture and Natural Resources
Asian Development Bank

Krishan Singh Rautela is currently working Natural Resources and Agriculture Specialist in India Resident Mission of ADB and is supporting projects for Agri value chain development in India.

He has more than 25 years of multi-disciplinary & multi-sector experience in the private and public sector. After beginning his professional career with Agriculture Division of MMTC Ltd, he cofounded and managed a venture in international business of apparel exports to European markets from India and Bangladesh for more than a decade. Prior to joining ADB as staff, he worked for a decade in the development & infrastructure sector as consultant to ADB and Government of Uttarakhand in the Mainstreaming Public Private Partnership Program.

He has Master's degree in International Business from Indian Institute of Foreign Trade & Bachelor's degree in Computer Science in Technology from University of Roorkee. He has professional experience in the areas of Agri Value Chains, Agribusiness, Public Private Partnership in the sectors like Agriculture, Urban Development, Health, Education, Tourism & Transport etc., Apparel exports and Information Technology.

He has also been associated in the past with civil society organizations in India working as to create open platform to change the policy & planning paradigm for these geographically unique mountain states of the country.



Dr Liz Goodwin

Senior Fellow & Director Food Loss
World Resource Institute, United Kingdom

Dr Liz Goodwin is a chemist by background and started her career in the chemical industry. In 2001, she joined the Waste and Resources Action Programme (WRAP) and was appointed CEO in 2007, which position she held until 2016. Liz joined the World Resources Institute (WRI) in 2016 as Senior Fellow and Director, Food Loss and Waste. She is a Champion of the UN Sustainable Development Goal 12.3 whose aim is to halve global food waste by 2030. In 2015 Liz was awarded an OBE in the Queen’s Birthday Honours List. In 2017 Liz was appointed Chair of ReLondon by the Mayor of London.



Mr Michiel van Erkel

Agriculture Counsellor India
Embassy of the Netherlands

Following his Master's degree in Eastern Europe Studies in Amsterdam, Michiel van Erkel (1965) started his career in 1992 at the Netherlands Ministry of Economy as a project officer and later region manager, (financially) supporting b2b projects in countries of CEE. This sparked his interest in agriculture, as many of the projects were focused on the different aspects of this sector. He continued his career in the field of trade promotion and as a policy advisor at the

Ministry of foreign Affairs. Following his appointment as manager for the network of economic advisor at the Netherlands Embassies worldwide, he became in 2016 the Director for International Agribusiness and Food Security at the Ministry of Agriculture. He visited many countries, among which India and Sri Lanka, promoting bilateral initiatives and business, and presenting the Netherlands views on the development of sustainable agriculture. He was appointed as Agricultural Counselor to the Netherlands Embassy in India and in Sri Lanka recently and started in New Delhi in February of 2021. Michiel looks forward to promoting Dutch knowledge, technology and business in India and Sri Lanka. The cooperation should lead to a more sustainable food system, with due attention for the environment, biodiversity, the position of farmers, improvement of soil and reduction of the use of water, energy and chemicals, and securing food security worldwide.



Mr Pankaj Mehta

Co- Chairman,
CII Task Force on Post-Harvest & Logistics &
Managing Director
Carrier Transicold, India & South Asia

Mr. Pankaj Mehta is the Managing Director of Carrier Transicold India and South Asia including Sri Lanka, Bangladesh, Nepal, Bhutan and Maldives.

Carrier Transicold is a business unit of Carrier Corporation, the world leader in high technology heating, air-conditioning and refrigeration solutions and part of United Technologies Corporation. Carrier Transicold has a leadership position in refrigeration solution for trucks & trailers, rail refrigeration and sea going refrigerated containers.

Mr. Mehta joined Carrier India in 2000 and has held various progressively expanding roles. In his current role, he is responsible for the overall leadership, strategic direction, and operating performance of the truck refrigeration business in the region.

Mr. Mehta is a speaker at several Cold Chain conferences. He is the Co- Chairman of CII Task Force on Post-Harvest & Logistics. and is also a member of the National Center of Cold Chain Development (NCCD). He was also awarded the ICE award 2011 by the Global Cold Chain Alliance.

Mr. Mehta has over 26 years of rich work experience and is a highly qualified engineer with a Bachelor of Technology in Mechanical Engineering, Bachelor of Science and a master's in marketing management from Mumbai University.

Prior to entering the corporate business world Mr. Mehta has served in the Indian Navy for 9 years as an Officer and is an alumni of the prestigious National Defense Academy (NDA) Khadakvasla-Pune.



Dr Pramod Kumar Singh

Senior Director, Research & Programmed
AEEE

Pramod Kumar Singh has more than 16 years of experience in the energy sector, of which the last 15 years are in clean energy research and consulting for government, private sector, international development agencies, and philanthropies. He has led projects related to energy efficiency, renewable energy, climate change, and power in Australia, Bangladesh, Bhutan, China, Europe, Nepal, India, the Philippines, Thailand, the Solomon Islands, and the USA. Prior to AEEE, he was leading the Advanced Technologies objective of USAID's South Asia Regional Energy Partnership (SAREP) program. He also led USAID's South Asia Regional Energy Hub (SAREH) program as the Chief of Party. His other associations include working with ICF International, Schatz Energy Research Centre, and Indian Oil Corporation Limited. Pramod holds a B.Tech. degree in Electrical Engineering from IIT Roorkee and an M.S. degree in Environmental systems in Energy Technology and Policy stream from Humboldt State University, California. He is also a Certified Energy Auditor by the Government of India.



Mr. P. Ravichandran

Chairman,
CII Task Force on Post-Harvest & Logistics &
President
Danfoss Industries Pvt. Ltd.

Mr. Ravichandran Purushothaman leads Danfoss India. In his role, he will establish support to the India market growth and ensure the company's continued growth expansion in the country. Having been with Danfoss since 2002, he is one the key members who have developed the new growth strategy for Danfoss India. He has been instrumental in building the market in India for Power Electronics which has significantly contributed to help the organization acquire 3rd position in the PE industry. Among his other achievements, he has introduced the full value chain in the Indian market and is a key member of the Power Electronics global management team. With over 25 years of experience, Ravichandran has held progressively senior and leadership positions spanning across Sales & Distribution, Business Development, Project Management, Change Management and general management functions in the India and Asia Pacific regions.

He is an electronics and communication engineer who completed his Management Education program from IIM Ahmedabad. He has participated in Strategic Leadership & International Business Programs in European Business schools. Ravichandran is the Chairman of CII National Task force on Post-Harvest & Logistics. He has been an integral part of CII Committee's which focus on Education, Energy and Green Buildings.



Mr Samit Jain

Managing Director

Pluss Advanced Technologies Ltd

Samit has an M.Sc. in Physics and bachelor's in electrical and Electronics Engineering, from the Birla Institute of Technology & Science, Pilani, India (1994). He also holds an M.S.in Electrical Engineering, from the University of Hawai'i, USA (1997). As MD at Pluss, Samit heads the overall strategy, marketing and finance portfolios. Pluss is committed to create value through products and services designed to benefit people and create a better world.

With a belief that Energy access is going to be the key for a sustainable world, he has led the growth of energy storage materials and their applications at Pluss. A decade of work in smart materials allowed Pluss to become the leading player in enabling thermal energy storage products. He led his team to develop and create products – some of which were the first in the world – MiraCradle™, worlds first neonatal cooler can keep a baby cool for 3 days. This device has become the standard of care to treat birth asphyxiated babies in India. The challenge of moving pharmaceuticals and vaccines at the right temperature, was addressed through – Celsure™. Pluss went on to receive the CII's – Most innovative MSME award twice – In 2015 and 2017. In 2022, Global Innovation and Technology Alliance (GITA) awarded PLUSS the R&D powerhouse in India under the MSME category. He has spoken at several national and international conferences over the years on promoting energy storage.

In 2021, on May 11, National Technology Day, Celsure – temperature-controlled packaging for pharmaceuticals and vaccines received the most innovative product to be commercialised by the Department of Science and Technology

Samit also led PLUSS to develop several energy efficient and innovative solutions in the field of temperature control of buildings, HVAC equipment, refrigeration, and agricultural solutions. Several joint projects are being carried out by Samit and his team for development of new products. These include projects under UNIDOs Foundation for Low Carbon Technology Development as well as an Indo-Sweden joint project to enable development of technology to further Energy Transition for Europe.

Under his guidance, the company has over 13 granted patents in different geographies including USA, European countries, South Africa, Nigeria, and South East Asian countries. This year the company already filed 2 patents under the PCT route. Several patents are pending grant.



Dr Satish Kumar
Founder & President
AEEE

Dr. Satish Kumar serves as the President and Executive Director of the Alliance for an Energy Efficient Economy (AEEE), India's leading ecosystem enabling, energy efficiency organization. Prior to AEEE, he was the Energy Efficiency Ambassador and led the Energy Management business at Schneider Electric India and has worked as a Scientist at the US Department of Energy's Lawrence Berkeley National Laboratory in the USA. He is a LEED Fellow (the highest credential conferred by the US Green Building Council on any professional).

He serves as a senior energy efficiency advisor/technical expert to the Ministry of Environment, Forest and Climate Change, NITI Aayog, Bureau of Energy Efficiency, and Department of Science and Technology (DST), Airport Authority of India. He has led or has been closely involved with the development and/or administration of the Energy Conservation Building Code, Performance Benchmarking of Commercial Buildings including all the airports in India, Green Building Rating Systems, Net Zero Energy Building Design and Construction, India Cooling Action Plan and National Cooling Action Plan Framework, Global Cooling Prize, State Energy Efficiency Index and International Performance Measurement and Verification Protocol.

He has a Ph.D. from Carnegie Mellon and a B. Arch from IIT Roorkee. He has authored more than 100 book chapters, journals, conference papers and industry reports.