

— Jointly Organised By —

— Supported By —



MM ACTIV
Sci-Tech Communications
Media | Events | Partnering | Advisory



सूक्ष्म लघु और मध्यम उद्यम मंत्रालय
MINISTRY OF
MICRO, SMALL & MEDIUM
ENTERPRISES



बायोटेक्नोलॉजी विभाग
DEPARTMENT OF
BIOTECHNOLOGY

INDIA BIG ENERGY & TECH EXPO

2-4 September, 2024
Yashobhoomi, IICC, Dwarka, New Delhi

PICTORIAL REPORT



- 25 Sessions • 125 + Speakers • 1,000 + Delegates in Conference
- 100 + Exhibitors • 3,000 + Visitors in Exhibition
- On Spot Business of Rs. 50 Crores • Leads Generated for Rs. 150 Crores

CEO's ROUNDTABLE



L to R : **Mr. Y. B. Ramakrishna**, Sr. Vice President, IFGE & Former Chairman- Working Group on Biofuel, MoPNG, **Mr. Nitin Gadkari**, Hon'ble Minister of MoRTH, **Dr. Pramod Chaudhari**, President IFGE & Executive Chairman, Praj Industries and **Mr. Vaibhav Dange**, Founder Director, IFGE.

Industry Members Interacting at CEO's Roundtable



MoU exchange between IFGE & IIT, Delhi



MoU exchange between IFGE & IIT, Delhi, by **Mr. Sanjay Ganjoo**, Director General, IFGE and **Prof. V. K. Vijay**, IREDA Chair Professor, CRDT, IIT Delhi in presence of **Mr. Anna Sahab M K Patil**, Chairman, IFGE and Former MoS Rural Development, **Mr. Hardeep Singh Puri**, Hon'ble Minister MoPNG, **Mr. Nitin Gadkari**, Hon'ble Minister of MoRTH, **Dr. Pramod Chaudhari**, President IFGE & Executive Chairman, Praj Industries and **Mr. Y. B. Ramakrishna**, Sr. Vice President, IFGE & Former Chairman- Working Group on Biofuel MoPNG.

Release of AgroSpectrum September 2024 issue focusing Bioenergy Sector in India



L to R : **Mr. Ravindra Boratkar**, Founder Member, IFGE & Managing Director, MM Activ Sci-Tech Communications, **Mr. Anna Sahab M K Patil**, Chairman, IFGE and Former MoS Rural Development, **Mr. Hardeep Singh Puri**, Hon'ble Minister for Petroleum & Natural Gas, **Mr. Nitin Gadkari**, Hon'ble Minister for Road Transport and Highways, **Mr. Sandeep Chaturvedi**, Chairman BDAI, **Mr. Y. B. Ramakrishna**, Sr. Vice President, IFGE & Former Chairman- Working Group on Biofuel MoPNG.

Session on Creating a Support Structure for Sectors of Bioenergy Business



L to R : **Mr. Pankaj Jain**, Secretary, MoPNG, **Mr. Ashish Kumar**, Vice President, IFGE, Vice Chairman, IFGE: CBGPF & Managing Director, VERBIO India Pvt. Ltd., **Mr. Atul Mulay**, Chairman, Biofuel Committee IFGE, President Praj Industries addressing the conference .

Session on Evolving Policy Ecosystem in India: Global Biofuel Alliance Towards Globalization



L to R : **Mr. Atul Kharate**, COO, IndianOil Adani Ventures Limited, **Mr. Poul V. Jensen**, Managing Director, EBTC, **Dr. Jennifer Holmgren**, CEO, LanzaTech, **Mr. Shishir Joshipura**, CEO & MD, Praj Industries, **Mr. Y. B. Ramakrishna**, Sr. Vice President, IFGE & Former Chairman- Working Group on Biofuel MoPNG.

Session on Government Support, Incentives and State Policies in Bioenergy Sector



L to R: **Dr. Sangita M. Kasture**, Scientist G, MNRE, **Mr. P.S. Ravi**, Director (Downstream), FIPI, **Mr. Virinder Sharma**, Member- Technical, CAQM, **Mr. Narendra Bhoosan**, Principal Secretary- Energy & Additional Sources of Energy, UP, **Mr. Shekhar Kulkarni**, Director (Act. I/c), CHT, MoPNG, **Mr. K. S. Ngangbam**, Director (SBM-V), DDWS, Ministry of Jal Shakti, **Mr. Atul Mulay**, Chairman, Bioenergy Committee of IFGE and President Bioenergy, Praj Industries.

Session on Carbon Credits in Bioenergy Sector



L to R: **Mr. Amol Nisal**, AVP, Bioenergy, Praj Industries, **Mr. Sanjay Ganjoo**, Director General, IFGE, **Mr. Rajesh K Mediratta**, MD & CEO, Indian Gas Exchange Limited, **Mr. Srikant Nagulapalli**, Additional Secretary, Ministry of Power & Director General, Bureau of Energy Efficiency, **Mr. Rohit Kumar**, Secretary General, CMAI, **Mr. Vipin Chand Waila**, Vice President, Kosher Climate India Pvt. Ltd.

Session on Economic Feasibility and Evolving Downstream Modalities in CBG Sector



L to R: **Mr. Ashish Kumar**, Vice President, IFGE, Vice Chairman, IFGE CBG Producer Forum, & MD Verbio India, **Mr. Anand Kumar Jha**, Director (GP-I), MoPNG, **Mr. Shyam Lal Poonia**, Director (SBM-SPC), Ministry of Housing and Urban Affairs, **Mr. Kapil Kumar Jain**, Executive Director (Marketing-Retail LNG), GAIL (India) Limited.

Session on India CBG Infrastructure Market Assessment & Attractiveness



L to R: **Mr. Ashish Kumar**, Vice President, IFGE, Vice Chairman, IFGE: CBGPF & Managing Director, VERBIO India Pvt. Ltd., **Mr. Som Narayan**, Director Carbon Masters, **Mr. Santosh Gondhalekar**, Director, Primove Engineering Pvt. Ltd., **Dr. Tushar Patil**, AVP, Corporate Strategy, Praj Industries, **Mr. Narendra Bhoosan**, Principal Secretary- Energy & Additional Sources of Energy, Government of Uttar Pradesh, **Mr. Ashish Anand Gupta**, Chief General Manager (Mktg - Gas Transmission & Regulatory Affairs), GAIL (India) Limited, **Mr. Vijay Kumar Lanka**, General Manager, Armatec India Pvt. Ltd., **Mr. Varun Karad**, CEO, REnergy Dynamics (RED), **Mr. Raj Mohan NC**, Managing Director, Spantech Engineers Pvt. Ltd.

Session on Taming the Feedstock Challenges and Success Factors in CBG Sector



L to R : **Dr. Tushar Patil**, AVP, Corporate Strategy, Praj Industries, **Mr. Tushar Lowalekar**, Founding Member & Chief Business Officer, Biofuel Circle Pvt. Ltd. , **Mr. Atul Kharate**, Chief Operating Officer, IndianOil Adani Ventures Limited., **Mr. Shantanu Gupta**, ED, IOCL , **Mr. Ashok Khosla**, Chairman, Development Alternatives, **Mr. Mahesh Girdhar**, MD & CEO Ever Enviro Pvt Ltd, **Mr. V.K. Maheshwari**, Executive Director (R&D) HPCL, **Mr. Govind G**, Vice President - Business Development, TruAlt Bioenergy, **Cdr Subodh Rao (Retd)**, Head of Projects, Jwala Bioenergy.

Session on FOM as Source of Organic Carbon Sequestration



L to R : **Mr. Ashish Kumar**, Vice President, IFGE, Vice Chairman, IFGE: CBGPF & Managing Director, VERBIO India Pvt. Ltd. **Mr. Sanjeev Nagpal** , Director, Sampurna Agri Venture Pvt. Ltd., **Dr. Tushar Patil**, AVP, Corporate Strategy, Praj Industries, **Prof. V. K. Vijay**, IREDA Chair Professor, CRDT, IIT Delhi, **Mr. Sabyasachi Kumar**, Vice President Head-Revenue & Channel Bio Energy, Reliance Industries Limited, **Mr. Mahesh Girdhar**, MD & CEO Ever Enviro Pvt Ltd, **Mr. Kevin Houston**, Director, Carbon Masters.

Session on Policies & Mandate and Technologies in Biomass Sector



L to R : **Mr. Shivam Mungiya**, Enliven Nature (LLP), **Mr. Amam Kwatra**, Core Member, IFGE: BGAF, **Mr. Subodh Kumar**, Advisor to the National Team, IFGE, ED, ValPro & Former ED, IOCL, **Mr. Satish Upadhyay**, Mission Director, SAMARTH Mission, **Mr. T. S. Venkataraman**, Chairman & Managing Director, Esvin Advanced Technologies Ltd., **Dr. Mukesh Jain**, Director, Northern Region Farm Machinery Training and Testing Institute, Hisar (Ministry of Agriculture and Farmers Welfare), **Mr. Kalpesh Mehta**, MD, Chairman Gattuwalla Energy Solutions Pvt. Ltd.

Session on Feedstock, Supply Chain Management and Emerging Markets in Biomass Sector



From L to R: **Mr. Viral Gamit**, Corporate Sustainability, Arvind Mills, **Mr. Gurpreet Singh Gawra**, Addl. General Manager, General Manager (Biomass), NTPC, **Dr. Sachin Kumar**, SSS- NIBE, Kapurthala, **Col. Sandeep Singh**, DCM Shriram, **Col. Neeraj Marwah**, Senior Vice President (Feedstock & Supply Chain Management), GPS Renewables, **Mr. Sanjay Jain**, Business Head, Livgreen Cleantech Pvt. Ltd, **Col. Rohit Dev**, Co-Chairperson, IFGE: Biomass Global Associates Forum, **Mr. Virinder Sharma**, Member- Technical, CAQM, **Dr. Firoz Hossain**, Principal Scientist, Division of Genetics, ICAR-IARI, **Mr. Amrit Khater**, Managing Director, Hi Tech Agro Energy Pvt. Ltd.

Session on Carbon Capture Storage and Utilization (CCUS)



L to R: **Mr. Keshav Goela**, Director, SS Gas Lab Asia, **Mr. Yash Aggrawal**, Co-Founder - Carbonetics Carbon Capture, **Dr. R N Maiti**, CGM (R&D), Engineers India Limited (EIL), **Mr. V P Bhandarkar**, DGM & Head Innovation, Thermax Limited, **Dr. S. Dasappa**, Professor, Centre for Sustainable Technologies/ ABETS, CGPL, Indian Institute of Science, **Dr. Sasisanker Padmanabhan**, Senior Principal Scientist, Praj Industries, **Mr. Sangeet Jain**, Vice President ESG, Strategy & Alliances, LanzaTech Private Limited, **Mr. Rohit Jain**, Deputy Director, IFGE.

Session on Potential of Bio-Mobility in India



L to R: **Mr. Sandeep Theng**, Director, IFGE, **Dr. Anirudh Gautam**, Principal Executive Director (Special), Research Design & Standards Organization, **Mr. Atul Mulay**, Chairman, Bioenergy Committee of IFGE, President Bioenergy, Praj Industries, **Mr. Rajnath Ram**, Advisor (Energy), NITI Aayog, Government of India, **Mr. K.C. Sharma**, Chief Engineer (MVL), Ministry of Road Transport & Highways, Government of India, **Mr. Vikram Gulati**, Country Head & Executive Vice President (Corporate Affairs & Governance), Toyota Kirloskar Motor Pvt. Limited (TKM), **Mr. Joonas Sukka**, Chief Technical Officer – eFlexFuel (StepOne Tech).

Session on Potential in Sustainable Aviation Fuel



L to R: **Mr. Gaurav Goyal**, Asst. Vice President, Business Head-Sustainable Aviation Fuel, Praj Industries Ltd, **Mr. Ravikant Gupta**, Sr. GM (R&D), Engineers India Limited (EIL), **Mr. Patrick Crehan**, Sr. Expert Biofuels, CECP (Clean Energy and Climate Partnership), **Dr. SSV Ramakumar**, Chairperson, IFGE: Sustainable Aviation Fuel Forum (SAFF) & Executive Vice President in the role of CTO Greenko / AM Green, **Mr. Eric van den Heuvel**, Founder, Studio Gear Up / Member, EU-India Stakeholder Group Advanced Biofuels, **Mr. Atul Mulay**, Chairman, Biofuel Committee IFGE & President Praj Industries, **Mr. Sachin Lokhande**, Director Business Development, LanzaJet Inc.

Session on Potential in 1G Ethanol Industry: Current Status and Future Perspectives



L to R: **Mr. Vijay Kumar Nirani**, Vice President IFGE & MD, TruAlt Bioenergy, **Mr. Yashodhan Mankame**, EVP – Bioenergy, Praj Industries, **Mr. Sameer Sinha**, CEO, (Sugar Business Group), Triveni Engineering and Industries Limited, **Mr. Deepak Balani**, DG, ISMA, **Mr. Prakash Naiknavare**, MD, National Federation of Cooperative Sugar Factories Ltd., **Mr. Ravi Gupta**, ED, Shree Renuka Sugars, **Mr. Aswani Srivastava**, Joint Secretary (Sugar) Department of Food and Public Distribution, Ministry of Consumer Affairs, Food & Public Distribution, **Mr. Atul Mulay**, Chairman, Bioenergy Committee of IFGE, President Bioenergy, Praj Industries, **Mr. R. L. Tamak**, Executive Director & CEO (Sugar & Ethanol Business), DCM Shriram Limited, **Mr. B.B. Thombare**, Chairman, West India Sugar Mill Association, **Mr. Dilip Patil**, MD, Karmayogi Ankushrao Tope Samarth SSK Ltd.

Session on Possibilities of 2G Ethanol



L to R : **Ms. Heli Antila**, CEO-Chempolis OY, **Mr. Naresh Goel**, MD, Pingaksh Beverages Private Limited, **Mr. Vijay Kumar Nirani**, Vice President IFGE & MD, TruAlt Bioenergy, **Mr. Subodh Kumar**, Advisor to the National Team, IFGE, ED, ValPro & Former ED, IOCL, **Mr. Patrick Crehan**, Sr. Expert Biofuels, CECP (Clean Energy and Climate Partnership), **Mr. Ravi P. Gupta**, General Manager (Renewable Energy), IOCL, Research & Development Centre, **Dr. Pranab Kumar Nath**, Sr. Executive-Supply chain and Logistics, Assam Bio-Refinery Private Limited , **Mr. Vaibhav Tiwari**, Sr. General Manager, Products, Praj Industries.

Session on Emerging Biomaterials & Biochemicals



L to R : **Prof. V. K. Vijay**, IREDA Chair Professor, CRDT, IIT Delhi , **Mr. Shashi Hegde**, Director, Hycons Bioenergy, **Dr. S. Dasappa**, Professor, Centre for Sustainable Technologies/ ABETS, CGPL, Indian Institute of Science, **Dr. Alka Sharma**, Scientist 'H', Advanced Biofuels, Sustainability (Scientific Decision Unit), Department of Biotechnology, **Dr. Rawel Singh**, Scientist 'D', SSS-NIBE, **Dr. Debashish Ghosh**, Principal Scientist, CSIR-Indian Institute of Petroleum, **Dr. Anand Ghoshalkar**, Chief Scientist, Praj Industries.

Session on Industry perspective of Financing “wish list” and rationale



L to R: **Mr. Ashish Kumar**, Vice President, IFGE, Vice Chairman, IFGE: CBGPF & Managing Director, VERBIO India Limited, **Mr. Gaurav Kedia**, Chairman, Indian Biogas Association, **Mr. Som Narayan**, Director, Carbon Masters, **Mr. Y. B. Ramakrishna**, Sr. Vice President, IFGE & Former Chairman- Working Group on Biofuel MoPNG. **Mr. Atul Mulay**, Chairman IFGE- Biofuel Committee and President, Praj Industries, **Col. Rohit Dev**, Co-Chairperson, IFGE: Biomass Global Associates Forum.

Session on Banker's Perspective on Capital Mobilization to Trigger Growth in Bioenergy Sector



L to R : **Mr. Jai Kumar Gaurav**, Senior Advisor-Climate Change and Circular Economy, GIZ India, **Mr. Wolf Muth**, Country Director, India, KfW, **Mr. K S Popli**, Country Director, World Biogas Association & Former CMD, IREDA, **Mr. Pradeep Kumar Jha**, AGM, SIDBI **Mr. Mudit Jain**, Head Research – Corporate & Cleantech Finance, Tata Capital Limited .

Session on Bio- Hydrogen, Decarbonisation and Sustainability



L to R : **Prof. S Dasappa**, Centre for Sustainable Technologies, IISc, **Prof. K K Pant**, Director, IIT Roorkee , **Mr. Vidhya Bhushan**, CGM (Process), EIL, **Mr. Atul Tare**, Vice President - Bio-Hydrogen for Bio-Mobility, Praj Industries.

Session on Biodiesel



L to R : **Mr. K. Kishore**, CGM, HPCL, **Mr. Anjan Ray**, Former Director, IIP, Dehradun, **Mr. Sandeep Chaturvedi**, Chairman, BDAI, **Mr. Siddharth Pradhan**, Secretary, BDAI, **Mr. S.K. Mondal**, President, BDAI



L to R : **Mr. R K Prasad**, Industry Manager, Alfa Laval, **Mr. Sandeep Chaturvedi**, Chairman, BDAI, **Mr. Atul Amgaonker**, Manager Sales & Business Development, DVC Process Technologies, **Mr. T Swaminathan**, Sr. Manager, BPCL.

Award Felicitation Ceremony by Biodiesel Association of India



Mr. Nitin Gadkari, Hon'ble Minister for MoRTH and Mr. Hardeep Singh Puri, Hon'ble Minister for MoPNG presenting Award to Mr. V. Satish Kumar, Chairman, Indian Oil Corporation Ltd for Highest volume & blending percentage of Biodiesel in the country for Year 2023-24



Mr. Nitin Gadkari, Hon'ble Minister for MoRTH and Mr. Hardeep Singh Puri, Hon'ble Minister for MoPNG presenting Award to Mr. S.K. Mondal, Director, Emami Agrotech for Largest Supplier of Biodiesel to OMCs in Large Category.



Mr. Nitin Gadkari, Hon'ble Minister for MoRTH, Mr. Hardeep Singh Puri, Hon'ble Minister for MoPNG and Mr. Anna Sahab M K Patil, Chairman, IFGE and Former MoS Rural Development presenting Award to Mr. Srivats Chaturvedi, Director, Blue stone Energy Pvt. Ltd as Largest Supplier of UCO to OMCs for Year 2023-24.

GLIMPSES





— State Partner — — Principal Knowledge Partner — — Gold Sponsor — — Silver Sponsors — — Bronze Sponsors —



— Associate Sponsors —



— International Institutional Partners —



— International Media Partners —



— Institutional Partners —



— Knowledge Partner —



— Supporting Partners —



— Media Partners —



www.ibetexpo.com

