

—Jointly Organised By—

IFGE
International Federation of Green Engineers

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

एन.टी.एन.
National Transport
MINISTRY OF
ROAD TRANSPORT
AND HIGHWAYS

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

पेट्रोलियम और प्राकृतिक गैस मंत्रालय
MINISTRY OF
PETROLEUM AND
NATURAL GAS

बायोटेक्नोलॉजी विभाग
DEPARTMENT OF
BIOTECHNOLOGY

INDIA BIOENERGY & TECH EXPO

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

An International Conference & Exhibition on Bioenergy and Technologies

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. Srikanth 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, CECF (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 —



Co-Associate Sponsor



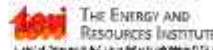
— International Institutional Partners —



International Media Partners



Institutional Partners



Knowledge Partner



Supporting Partners



Media Partners



www.ibetexpo.com

