

INDIA'S LARGEST CONFERENCE & EXHIBITION ON BIOENERGY



27, 28, 29 DECEMBER 2024

**Auto Cluster Exhibition Center
Pimpri-Chinchwad, Pune**

REGISTER NOW



**FUELING A
GREENER FUTURE
INTERACT, INTEGRATE
INNOVATE, ENERGIZE...**

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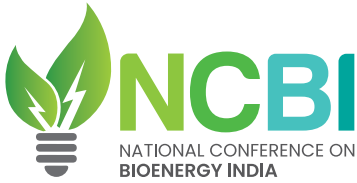


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NATIONAL CONFERENCE ON BIOENERGY INDIA

Welcome to the National Conference on Bioenergy India (NCBI), an influential event presented by **Bioenergy Times** magazine and **BioMandi**, to explore the vast potential of bioenergy and its pivotal role in India's energy transition.

Scheduled for **27, 28, 29 December 2024**, at the prestigious **Auto Cluster Exhibition Center, Pune**, this one-day conference will bring together leading experts, policymakers, researchers, and industry professionals to discuss, debate, and drive forward the bioenergy agenda.

This conference promises to be a landmark event, bringing together a diverse range of stakeholders to discuss the latest research, technological advancements, and policy developments in the bioenergy sector.

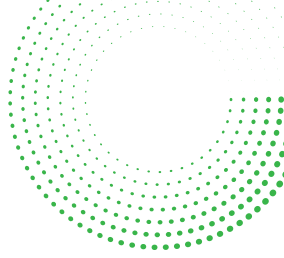
Set against the backdrop of India's rapidly evolving energy landscape, this conference will feature a dynamic agenda, with keynote addresses from renowned figures, insightful technical sessions, hands-on workshops and exhibitions exploring the latest advancements in the different categories under bioenergy sector including biomass, biofuels, and biogas etc.

Don't miss your
chance to be part of
this transformative
experience!

The conference will focus on critical themes including key challenges, technologies, innovations, latest developments, policy frameworks and regulations essential for advancing bioenergy solutions. Attendees will gain insights into cutting-edge research and technologies, participate in engaging discussions on policy challenges, and explore practical solutions for sustainable energy practices.

Attendees will also have the chance to explore a cutting-edge exhibition showcasing the newest technologies and solutions transforming the bioenergy field. Networking opportunities will be abundant, offering valuable connections and collaborations that can drive future projects and initiatives.

The Conference aims to drive meaningful dialogue and action towards a greener, more sustainable energy future. By gathering diverse stakeholders, the conference seeks to catalyze progress and facilitate the exchange of ideas that will shape the future of bioenergy in India.



WHY IN PUNE?

Pune, with its vibrant research community and growing green initiatives, stands as an ideal host for this event.

Promoting bioenergy in Pune and Gujarat is crucial for several reasons. First, both regions face significant waste management challenges due to rapid urbanization and population growth. Local authorities are focusing on integrating bioenergy into urban planning. Initiatives are underway including promoting biogas plants for waste management and generating electricity from organic waste. The local authorities are likely to collaborate with stakeholders to implement these solutions, improving waste disposal and energy accessibility.

Gujarat, known for its progressive energy policies and investments in renewable resources, can benefit immensely from shared insights and strategies. The state's initiatives involve setting up biomass power plants and incentivizing the production of biofuels from agricultural residues. Gujarat's focus on innovation and infrastructure development will support the scaling of bioenergy projects, creating job opportunities and enhancing energy resilience.

Both regions will benefit from centralized policies while tailoring local implementation strategies, ensuring a balanced approach that fosters economic growth and environmental sustainability. As these initiatives take shape, communities in Pune and Gujarat are poised to harness the benefits of bioenergy effectively.

Join us in Pune
for this landmark event as we
pave the way for a greener,
eco-friendly energy future!





THE CONFERENCE AIMS TO:

SHOWCASE INNOVATIONS

Highlight cutting-edge bioenergy technologies and practices.

FOSTER COLLABORATION

Create opportunities for industries, partnerships between academia, and government.

SHAPE POLICY

Influence bioenergy policy through expert discussions and recommendations.

PROMOTE SUSTAINABILITY

Advocate for bioenergy as a key component of sustainable energy strategies.



Bioenergy helps to reduce air pollution in general, leading to better air quality and healthier ecosystems, with considerable benefits from public health. More broadly though, bioenergy allows countries to reduce their dependence on imported fossil fuels, improving energy security. Bioenergy can provide access to electricity/ bioethanol for cooking/ biogas/biomethane in remote and under-served areas, improving living standards and meeting goals for social equity and improved community resilience.

José Orive

Executive Director of the International Sugar Organization

CONFERENCE HIGHLIGHTS

Keynote Addresses

The conference will feature thought-provoking keynote speeches from leading figures in the field.

Technical Sessions

Gain in-depth knowledge from specialized technical sessions that cover the latest advancements and challenges in bioenergy.

Panel Discussions

Engage with industry leaders and experts in dynamic panel discussions.

Networking Opportunities

Connect with a diverse audience including industry leaders through various networking platforms.

Technical Workshops & Exhibition

Participate in hands-on workshops & Exhibition to deepen your practical knowledge.



WHY ATTEND?

Bioenergy represents a crucial component in the quest for sustainable and renewable energy sources. As India moves towards reducing its carbon footprint and enhancing energy security, bioenergy provides a viable solution by converting organic materials into energy. This conference aims to foster a deeper understanding of bioenergy technologies, regulatory frameworks, and market opportunities. Attendees will gain invaluable insights into how bioenergy can contribute to India's energy mix and sustainable development goals.

By participating, you'll gain:

- Insights from leading experts in the bioenergy sector.
- Knowledge of the latest technological advancements and research.
- Networking opportunities with industry professionals and key stakeholders.
- Strategies for integrating bioenergy into sustainable development goals.
- Discover cutting-edge technologies and research.

KEY DISCUSSION AREAS:

Biomass Utilization

Policy Challenges in Bioenergy

Innovations in Biofuels

Bioenergy for Rural Development

Environmental Impact and Sustainability

Case Studies and Best Practices

Future Directions

JOIN US AT THE NATIONAL CONFERENCE ON BIOENERGY INDIA IN PUNE, TO BE AT THE FOREFRONT OF THE BIOENERGY REVOLUTION. TOGETHER, WE WILL EXPLORE INNOVATIVE SOLUTIONS AND COLLABORATIVE APPROACHES TO POWERING A SUSTAINABLE FUTURE.

WHO SHOULD ATTEND?

NCBI attract a diverse group of attendees to foster collaboration and innovation in the bioenergy sector. Key participants include:

Government Officials

Policymakers from central and state governments involved in energy, environment, and agricultural policies.

Industry Professionals

Representatives from bioenergy companies, including biomass, biofuels, & biogas producers.

Researchers and Academics

Scientists and scholars specializing in renewable energy, environmental science, and agricultural technologies.

NGOs and Environmental Advocates

Organizations focused on sustainability, waste management, and rural development.

Investors and Entrepreneurs

Individuals and firms interested in funding bioenergy projects or startups.

Farmers and Cooperatives

Agricultural stakeholders who can provide insights on biomass sourcing and sustainable practices.

Food Processing Sector Stakeholders

Companies and professionals involved in the food processing sector, including those interested in utilizing food by-products, waste, and residues for bioenergy production.

Technology Developers

Innovators and engineers presenting advancements in bioenergy technologies and applications.

Students and Young Professionals

Emerging talent interested in renewable energy careers and academic research.



By bringing together this diverse audience, the conference can facilitate knowledge sharing, networking, and collaboration, ultimately advancing India's bioenergy agenda.



EXHIBITORS CATEGORIES

Biofuels

- Ethanol Production - from sugar, distillery, refineries, food & beverages, agro corn & maize sector machinery, technology, EPC companies, consultants and plant starches and sugars factories
- Biodiesel production - Biodiesel machinery, parts, technology, heavy machinery process for processing the biodiesel in plant
- Biofuel conversion processes technology and machineries
- Renewable diesel production
- Sustainable aviation fuel
- Bioethanol production
- Pyrolysis, gasification, hydrothermal liquefaction process

Equipment Manufacturers:

- Fermenters, distillation, hydrolysis reactors manufacturers, grain milling machinery and equipment manufacturers
- Trans esterification reactors manufacturers
- Filtration system and separation units manufactures
- Centrifuges and dehydrators

Biomass

- Combustion, gasification technology
- Pyrolysis palletisation technology and pyrolysis reactors
- Anaerobic digestion and biomass briquetting machinery, technology

Equipment Manufacturers:

- Boilers, gasifiers, pellet mills machinery manufacturers
- Briquette presses, chippers/shredders machinery

- Dryers, feedstock handling systems for bio energy sector
- Grinders, cyclones manufacturer for bio energy sector

Renewable Energy

- Solar energy - Photovoltaic systems and solar thermal systems
- Hydropower - Hydropower heavy machineries and technologies

Equipment Manufacturers:

- Photovoltaic panels, solar thermal collectors
- Inverters, solar batteries, raw materials, allied accessories
- Solar, wind & hydro turbines
- Geothermal heat pumps, earthling pipes, valves, and parts manufactures
- Tidal and wave energy converters companies
- Power converters, battery storage systems companies, energy management systems (EMS)

Biogas and Compressed Biogas

- Anaerobic digestion, biogas upgrading, biogas utilization

Equipment Manufacturers:

- Digesters, biogas scrubbers, gas storage tanks
- Combined heat and power (CHP) systems
- Biogas boilers, gas compressors
- Flare systems, desulfurizers
- Methanation units and biogas plant developers & technology providers



EXHIBITORS CATEGORIES

Biochar

- Biochar raw material suppliers, technology providers, finished goods manufacturers and application units and plants

Biochar Equipment Manufacturers & Technology providers:

- Paralyzers, kilns, biochar reactors, screening systems, biochar crushers, activation furnaces, blenders

Waste-to-Energy

- Waste to energy machineries, technology

Equipment Manufacturers:

- Incinerators, gasifier manufacturers
- Flue gas cleaning systems developers
- Anaerobic digesters manufacturers
- Waste heat recovery systems

Algae-based Energy

- Algae-based energy, algae cultivation, harvesting, processing algae oil extraction companies

Equipment Manufacturers:

- Photo bioreactors, open ponds, algae harvesters, drying systems, oil extractors, algae refiners and centrifuges.

Energy storage

- Energy storage companies and equipment, parts and allied material manufactures like Lithium-ion batteries, flow batteries

Sustainable Agriculture

- Sustainable Agriculture waste material management companies and their raw materials dealers

Equipment Manufacturers:

- Composters, irrigation systems, crop residue choppers, cover crop seeders, soil sensors



VISITOR PROFILES

Biofuels

- Biofuel researchers, biofuel industry professionals, biofuel plant investors, govt OMC Companies, biofuel technologists, policy makers, and sustainability advocates.
- Visitors from existing refineries, tanks, pipelines, pumps, vehicles, chemical.
- Industry professionals from FMCG, cement, food & beverages, steel sector, boilers plants, pharma, textiles, thermal power plant, public & private power plants.

Biomass

- Biomass energy producers, equipment manufacturers, environmental consultants, agricultural landowners.
- Industry professionals from public & private power plants, FMCG, cement, food & beverages, pharma, textiles, chemical and steel sector.

Renewable Energy

- Industry professionals from solar, wind, hydropower, geothermal.
- Consultants and specialists from

renewable energy and energy storage industry.

- Government authorities, apex bodies, corporates, builders, factories owners and power consultants.

Biogas

- Anaerobic digestion specialists, waste management professionals, biogas developers, biogas technicians, agricultural producers, gas distribution companies, food & agricultural processing companies, heads of MNRE department, MNRE scheme promotion agencies.

Biochar

- Soil scientist, biochar producers, environmental scientists, sustainability consultants.

Waste-to-Energy

- Waste-to-energy engineers & developers, incineration specialists, gasification experts, plasma ARC technicians, waste management consultants, thermal power companies, municipal corporation authorities.

Algae-based Energy

- Algae cultivation specialists, processing engineers, biofuel algae researchers, algae harvesting technicians, renewable algae advocates.

Energy Storage

- Battery specialists, thermal storage engineers, hydrogen storage experts, mechanical storage technicians, energy storage consultants.

Sustainable Agriculture

- Sustainable farming experts, soil health specialists, water management consultants, public & private companies, municipal bodies, district water management departments, crop residue managers, and agricultural research institutes.

NATIONAL CONFERENCE ON BIOENERGY INDIA

**WE LOOK FORWARD TO WELCOMING YOU
TO THE NATIONAL CONFERENCE ON
BIOENERGY INDIA IN PUNE!**



For any registration queries – Partnership, Delegates, Speakers

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