



About WBA

The World Bioenergy Association (WBA) is the global organization dedicated to supporting the wide range of actors in the entire biomass to energy value chain.

Mission: To promote the sustainable development of bioenergy

Our members is **open for all** including companies, associations and individuals.

Activities

Knowledge

- Factsheets
- Data (Global Bioenergy Statistics)
- Mission reports
- Policy and position papers

Events

- Study Trips
- General Assembly
- Webinars
- Working Groups

Advocacy

- Observer Status (UNFCCC, IRENA)
- Membership (REN Alliance, Go100%RE)
- Partnership (GBEP, CPLC)



Organization



Alarik Sandrup Lantmännen



Christian Rakos Propellets Austria



Elizabeth Woodworth US Industrial Pellets Association



Glaucia Souza University of Sao Paulo



Guangqing Liu Beijing University of Chemical Technology



Jamie Stephen Torchlight Bioresources



Ketaki Kokil Appliances Pvt. Ltd



Mika Ohbayashi Renewable Energy Institute



Pellet México Bioenergía



Oscar E. Mijares Remigijus Lapinskas Lithuania Biomass Energy Association



Rodrigo O`Ryan Chilean Biomass Association



Dave Lello Ekasi Energy



Justine Akumu Ministry of Energy and Mineral Development



Marion Peterson Emerging Cooking Solutions



Zoltan Szabo Ethanol Europe



Werner Sitzmann Amandus Kahl GmbH & Co. KG



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Board Members

Our Members















































































































Global Bioenergy Statistics Report (GBS)

The Global Bioenergy Statistics report is the main annual publication of WBA.

The report focusses on the **global development of biomass to energy** – supply, production and consumption.

The data is presented on different geographical levels – global, continental and regional levels. These reports are published since 2014 and have been downloaded by governments, financial institutions, universities and companies.



2024 | 11th Edition

GLOBAL BIOENERGY STATISTICS REPORT



Factsheets

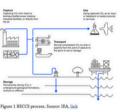
WBA factsheets present a fact based overview of bioenergy technologies

overview of bioenergy technologies and are a guiding tool for policy makers, researchers and companies.

The objective of drafting and publishing factsheets is to bring rational arguments in the public discussion and to support the development of bioenergy.

All factsheets are drafted along the same outline: summary, introduction, definitions, basic figures explaining technology, policy and economics, global statistics and a brief opinion of WBA on that subject.





White Papers

WBA white papers offer a comprehensive **overview of the bioenergy sector**, encompassing the latest data on bioenergy development, policy frameworks, financing trends, and insightful **case studies** specific to **targeted countries or regions**.

These papers go beyond conventional reports by adopting a commentary format, presenting a **nuanced qualitative analysis** infused with the **first-hand experiences** of WBA within the respective countries of study.



May 2024



INDIA: THE NEXT BIG BIOENERGY REVOLUTION

WBA White Paper

Authors:

Alejandra Leon Lavandera, Bharadwaj Kummamuru

Design by Lízia Branco

Position Papers

WBA frequently issues position papers to inform the bioenergy and wider energy community about the opinion of WBA on various technologies, policies and debates surrounding bioenergy.

These are issued either by WBA or jointly with other leading organizations.









minimum carbon emission fee in the UN, but it is difficult to reach consensus by negotiation between s many countries. Therefore every government should consider urgently acting on its own, not waiting for global agreement. There are three types of country that should take action as soon as possible an example, in Sweden, petrol and diseal prices have decreased by over 2 SEK per libre (20 euro-cents) and there is a clear opportunity to raise fuel duty by up to half that amount, without much consumer reaction. The situation is similar in all European countries, many urgently need to strengthen their state budgets by increasing revenues. Higher carbon fees, duties or a tax is one way to do it. 2. Countries with no fees or taxes on carbon emissions should introduce such measures now, both on fossil transport fisels and on fossil fisels for heating. They can introduce such taxes at a lower level, but with the current drastic fall in oil prices, even relatively high carbon dioxide fees may be accepted by consumers. The important thing is to act now, before oil prices climb again. nations, should take away the guarantee. Guaranteed prices vary between country, but total subsidies are very high at the global level. When world market prices for oil were climbing some years aces are very right at the glocal level. Virties worso market prices for or were crimcing some years ago this resulted in budget problems for many countries. One example is Nigeria, where President Glocalluck Jonathan tried to abolish the country's fised fuel prices, resulting in protests and rioting. Now, these countries have a chance to abolish such policies and even introduce a low carbon fee. When oil prices start to climb again, it will mainly be attributed to market prices. There is convincing research showing that carbon emission fees are the most efficient general method to combat climate change. The main reasons why carbon fees are so efficient are: . Carbon dioxide fees raise the price of fossil emissions and thereby penalise fossil fuels for their

Increased costs on emissions thus help individuals and enterprises to make better decisions for our common future. They can calculate new profitable investments or change behaviour to improve their economy, e.g. buy a more efficient car, insulate the house, take the bike instead of the car, or use public transport. Businesses can develop new groducts that can be competitive on a market where

more efficient products are in demand, etc.

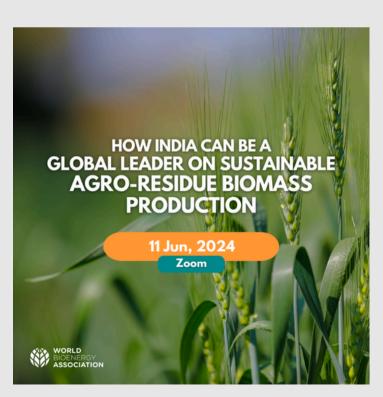


Webinars

WBA organizes multiple webinars annually on a wide range of bioenergy topics. The webinar speakers come from leading experts from organizations - typically WBA members - who showcase the latest developments in technologies, policies and markets. Recordings and presentations are available on demand.











We believe Africa is going to be the next very large market for pellet production and use and we can see rapidly growing numbers of inquiries and projects emerging.

Because of the enormous potential and the relevance of pellet cooking for sustainable development and climate protection the World Bioenergy Association has set up the **website www.propellets.africa** to **support African developers of pellet plants**. This website includes a section that **lists all relevant suppliers**. We have a specific **working group on advanced biomass cooking** that open for all members interested in the subject.

"Bioenergy Horizons"

Building on the success of "Bioenergy for the Future," we are excited to announce the launch of our **new digital documentary series**, "Bioenergy Horizons"—a collaborative effort between the World Bioenergy Association and BlackRook Media.

"Bioenergy Horizons" will combine **evidence-based journalism** with compelling storytelling to present **cutting-edge innovation** and adoption across the globe.

The series will draw on the expertise of WBA members and the broader **bioenergy community**, sharing authentic, powerful stories from the heart of companies, associations, and individuals driving vital progress toward a safer, more sustainable world.





General assembly

The WBA General Assembly is the annual gathering of our members and the wider bioenergy community. It is an opportunity for the stakeholders including private sector, associations, researchers, and civil society to discuss and debate the challenges and opportunities for the growth of the bioenergy sector.







China, 2023



India, 2022



Austria, 2021



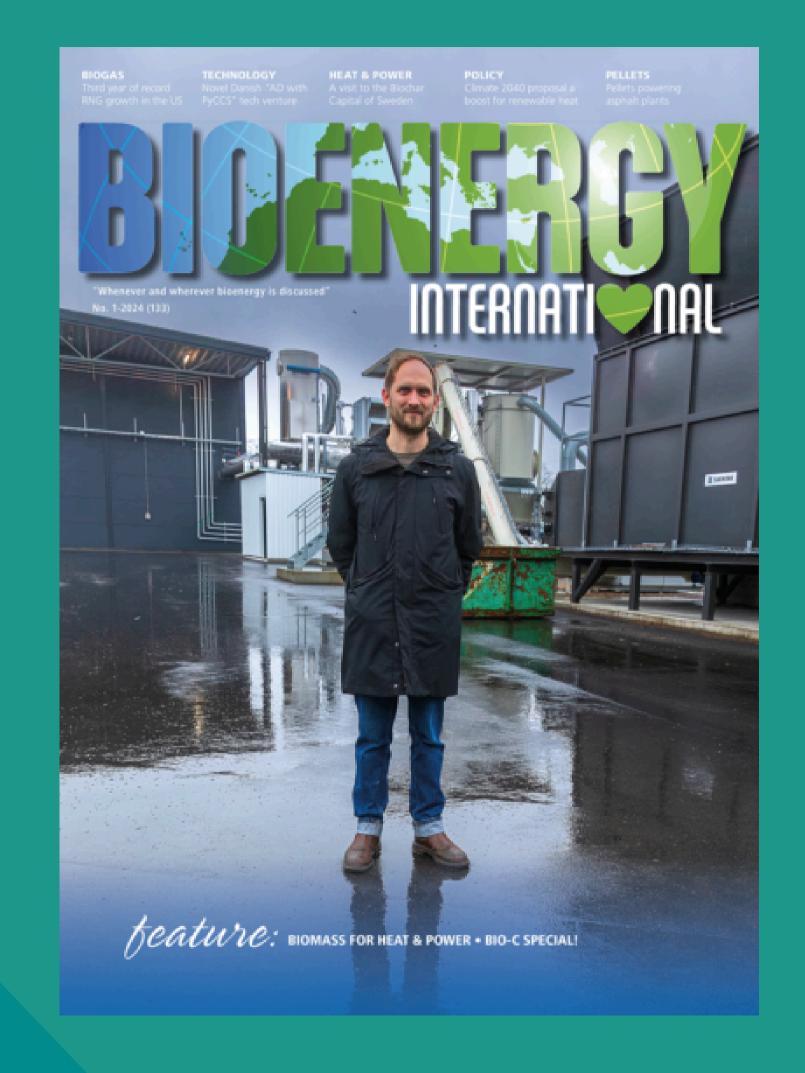
Sweden, 2019

Bioenergy International

Bioenergy International is an **English** language subscription-based **trade publication** with allied **web platform** and is focused on the **biomass-to-energy value chains**; **solid**, **liquid or gas**.

Founded in 2001 it is based in Stockholm, Sweden and owned by SBSAB, a wholly-owned subsidiary of the Swedish Bioenergy Association, SVEBIO.

Bioenergy International is also the **official magazine of** the World Bioenergy Association.



Partnerships and Advocacy

- Observer (UNFCCC)
- Observer (Green Climate Fund)
- Observer (IRENA)
- Observer (Global Bioenergy Partnership)
- Member (IRENA Coalition for Action)
- Member (Go100%RE)
- Steering Committee/Member (REN21)
- Partner (Carbon Pricing Leadership Coalition)





Contact Us

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