

ANNUAL REPORT 2023



WORLD
BIOENERGY
ASSOCIATION

Administration Report

World Bioenergy Association

Corporate Identity Number: 802444 – 7958

Seat of WBA: Stockholm, Sweden

Current Registered Office: Kammakargatan 22, 111 40, Stockholm, Sweden

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The WBA Annual Report 2023 refers to the administrative and financial report of an association which is a non-governmental, non-profit international member association named World Bioenergy Association. Its abbreviation is WBA.

The report refers to the financial year 2023 with the income statement for 2023 and the balance sheet as of 31st December 2023.

The accounting currency throughout this report is the Swedish Krona. The unit of measurement is SEK.

Statutory Purpose

The statutory purpose of WBA is detailed in the WBA statutes. In principle, the purpose of WBA is to promote the increasing utilization of bioenergy in all its forms in an efficient, sustainable, economical, and environmentally friendly way.

- WBA is the voice of the bioenergy sector in multilateral organizations and contributes to the information of policymakers on the opportunities and benefits of bioenergy.
- WBA presents accurate information and facts on bioenergy to the media and the public.
- WBA supports the development of standards and certification systems related to bioenergy.
- WBA initiates and supports global cooperation at institutional and commercial levels and spreads knowledge about equipment, fuels, systems, and technical developments. It also supports initiatives to enhance the qualification of the workforce related to bioenergy use.
- WBA stimulates innovation and technology development related to bioenergy.

The activities of WBA over the past year (2023) have followed the principles of the statutes. A summary of the activities of WBA can be viewed in the following section: *Summary of WBA Activities 2023*.

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Summary of Activities 2023

In 2023, global affairs were underscored by geopolitical tensions like the ongoing conflict in Ukraine and unrest in the Middle East. Furthermore, the undeniable repercussions of climate change manifested through record-breaking temperatures, placing us at a stark 1.2°C above pre-industrial levels.

Amidst these challenges, the year also presented a surge in momentum within the renewable energy sector. Recognizing and highlighting the key role of bioenergy technologies in achieving climate targets beyond 2030, the World Bioenergy Association (WBA) experienced a year of notable progress in advocacy, events, revenue growth, and membership expansion. Here is a short recap of our activities during 2023:

By the start of the year, the release of our **Annual Report 2022** stated our consistent growth over previous years. Our flagship publication, the **Global Bioenergy Statistics 2023** report, sheds light on the gradual growth of renewables in the energy sector while emphasizing the indispensable role of bioenergy across heat, electricity, and transport fuels.

The year 2023 proved to be a successful year in organizing events. We conducted **seven webinars**- with more than 2,500 total registrations- covering topics ranging from pellet production development to green cooking, biomass expansion in Asia, biomass for heat and power, and bioenergy's role in meeting EU energy security goals. Additionally, our **General Assembly 2023** held in Beijing, China, alongside the International Conference on Biomass and Heating hosted by the Beijing University of Chemical Technology, set the stage for insightful discussions. Furthermore, our participation and financial support of the **GBEP Bioenergy Week** in Bangkok, Thailand, involved speaking engagements, moderation of sessions, and site visits to bioenergy plants. The year culminated in our engagement at **COP28** in Dubai, UAE, where we showcased our commitment through an exhibition space for three days, a press conference, a side event with REN Alliance, and a session at the REA UK Pavilion along with numerous bilateral meetings.

Our engagement extended beyond events, encompassing participation in various Working Groups of the **IRENA Coalition for Action**, steering committee membership in **REN21**, and observer status with **GBEP**. We spearheaded the launch of **Propellets.Africa**, a dedicated platform showcasing the latest information on pellet production in the region. Our active working group on **Advanced Biomass Cooking** also kept addressing critical issues in the global energy transformation.

We express our sincere gratitude to our long-standing members as well as the new members who joined us in 2023. All our activities are possible only with the support of the members and together, we continue to increase our voice as the global bioenergy community.

Introduction by the President

Dear members of the World Bioenergy association, supporters, collaborators and friends,

While interest and development of bioenergy use has seen a significant slowdown in 2023 in Europe, the opposite seems to be the case in other geographies. This was vividly illustrated by the amazing international interest in WBAs webinars. The concept of inviting excellent experts from the wide WBA network to discuss diverse questions of bioenergy use was able to attract a lot of attention and provide useful content.

We have continued to place a focus on the most important unsustainable use of bioenergy – traditional bioenergy use in the global south, which contributes both to deforestation and has terrible health implications for women and children that are exposed to smoke from cooking with firewood and charcoal. Replacing this practice with modern and clean forms of bioenergy has been among our key objectives and will continue to be so. The publication of our website <https://pro-pellets.africa> underpins this engagement.

However, financing our activities in this field is proving difficult, as economic operators active in developing the sector are usually small and hardly able to make significant financial contributions to our work. It will be a challenge for 2024 to open new sources of financing for that purpose.

I would like to thank the growing staff of WBA for their excellent work in 2023 and also our members and our network that that are crucial for our efforts to make a contribution to the sustainable use of bioenergy.

Christian Rakos
President
World Bioenergy Association



Christian Rakos
President
World Bioenergy Association

Membership

World Bioenergy Association is a member-based organization. Our membership comprises a wide variety of stakeholders in the biomass-to-energy sector. Affiliations include national and regional bioenergy associations, companies, research institutions, and individuals. Among companies, WBA has members from fuel producers, technology companies, equipment manufacturers, utilities, etc. The background of members covers a wide range of sectors including pellets, liquid biofuels, biogas, wood chips, etc.

Table 1 WBA Membership in 2023

WBA Membership in 2023				
	Associations	Companies	Individuals	Total
Africa	1	1	0	2
Americas	3	2	0	5
Asia	1	6	0	7
Europe	12	32	4	48
Oceania	0	0	0	0
Total	17	41	4	62

At the General Assembly in Beijing in September 2023, the members agreed to update the membership fee structure to properly reflect the current challenge faced by bioenergy and the increased support required for WBA to effectively execute the mission. Following is the current member fee structure:

Table 2 Membership fee structure 2023 – 2024

Membership types and characterization		
Form of membership	Membership category	Fees (€/year)
Associations	2% of the membership fee	1 000 – 10 000
Companies *	> 500 million Euros	30 000
	200 – 500 million Euros	20 000
	100 – 200 million Euros	10 000
	50 – 100 million Euros	7 500
	25 – 50 million Euros	5 000
	5 – 25 million Euros	3 000
	< 5 million Euros	2 000

Energy agencies, think tanks, universities etc.	2000
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* Based on turnover of the previous year. 50% reduction for organizations in LDC countries. Individuals interested in supporting the work of WBA can join as individual supporters (Fee of 100 Euros) Organizations can also join as supporter members (Gold/Silver). Please contact the secretariat for further information.

Communication

Secretariat

World Bioenergy Association is registered as a Non Governmental Organization in Sweden. The Secretariat is based in Stockholm, Sweden along with the Swedish Bioenergy Association (Svebio).

Daily activities of WBA are executed by the Executive Director, based at the Secretariat, and supported by the staff, consultants, the board and the President.

The current location of the Secretariat is:

World Bioenergy Association
Kammakargatan 22, Floor 6
111 40, Stockholm, Sweden
+46 8 441 70 84

Office hours are usually from 09.00 – 17.00 and the Secretariat welcomes all members and bioenergy stakeholders to the office to interact and exchange information related to bioenergy development around the world.

Website

The WBA website is hosted at <https://worldbioenergy.org>. Information generated by the Secretariat including news items, event information, publications (factsheets, statistics, mission reports etc.) are posted regularly on the WBA website. It is managed by the Secretariat. Current list of WBA members is regularly updated as well.

The website also hosts a member only section with member exclusive information. It can be accessed by a username and password

which is sent to all members upon registering as a member.

Mailing list and GDPR

An active mailing list is crucial for effective communication for NGO's. WBA maintains a mailing list in the platform Mailchimp and regularly sends information about our activities to the subscribers. The subscribers are updated either via the subscribe button on the website or through their participation in our webinars.

WBA takes the issue of data privacy seriously and manages the mailing lists as per EU GDPR regulations. A data policy is also available on our website.

Social media

Apart from the webpage and mailing lists, social media also forms an important part of our communication activities. Currently, our Communication Manager manages the following social media accounts:

[Facebook](#) (2 953 followers)

[X](#) (2 304 followers)

[LinkedIn Company](#) (3671 followers)

[LinkedIn Group](#) (1 905 members)

[YouTube](#) (499 subscribers)

News Item

WBA news items are the primary mode of communicating our activities to our community. The news items are posted on the website at regular intervals and include information about our publications, partnerships, events, etc.

The information is also shared via our mailing lists. In 2023, WBA issued the following news items:

January

- 16th January: WBA welcomes new members.

February

- 2nd February: Renewable Pellets can replace much of Europe's fossil gas.
- 20th February: Role of Bioenergy in Spain and beyond

March

- 7th March: Facts vs. Opinions – Questionable Claims of the ICIJ
- 14th March: Webinar - Biomethane
- 30th March: WBA welcomes RED III consensus on supporting sustainable bioenergy use in Europe.

April

- 19th April: WBA invites engagement on biomass sustainability.
- 25th April: Webinar – Bioenergy and EU Energy Security
- 28th April: Decarbonizing HDVs with higher biodiesel blends

May

- 23rd May: Webinar – Pellets and Briquettes technology

June

- 1st June: Annual Report 2022
- 12th June: SB58 Side Event
- 22nd June: Webinar – Technologies for conversion of biomass to power

July

- 29th August: Webinar – Bioenergy Development in Asia

September

- 26th September: Webinar – Green cooking as key for deploying modern bioenergy.

October

- 3rd October: Opportunity to support the Bioenergy Sector
- 10th October: New WBA Logo introduction
- 20th October: New Board elected.
- 31st October: Webinar – Pellet production in Central and South America

November

- 2nd November: Polytechnik joins WBA
- 10th November: Propellet.Africa goes live!
- 30th November: WBA at COP28

December

- 14th December: WBA leads global advocacy for bioenergy at COP28.
- 19th December: Global Bioenergy Statistics 2023 Report published.
- 22nd December: Seasonal greetings from the WBA

Publications**Annual Report 2022**

The year 2022 was particularly successful for the World Bioenergy Association. Thanks to our members and continuing partnerships, we undertook webinars, and different events throughout the year. We were able to execute the work plan for 2022, where a detailed report is presented in the Annual Report 2022.

**Annual report 2022**

www.worldbioenergy.org

Activities in 2022 include:

- **Publications** – Annual Report 2022, Biomethane Vision Document, News media articles, Global Bioenergy Statistics 2022
- **Events** – Webinars (A paradigm shift in meeting basic energy needs, Pellet plants in developing countries, Biomass as a substitute for coal: Opportunities in Asia), Conference: Seeing the wood from the trees (Brussels), Indian Bioenergy and Climate Change Forum, General Assembly (India), COP27
- **Collaborations** – Bioenergy International, REN21, IRENA Coalition for Action, Global Bioenergy Partnership.

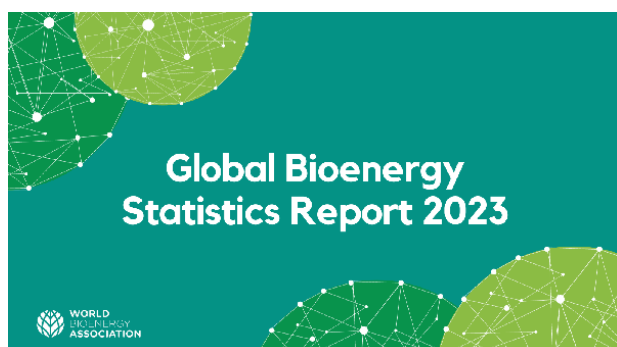
Paper: “Transparency, trust and best practice of responsible biomass use”

The Glasgow Declaration on Sustainable Bioenergy - launched at COP26 - set out 16 high-level sustainability principles for responsible biomass use. The principles aim to create a simplified framework version of regulations and requirements needed in sustainable bioenergy, to enable a more nuanced debate about what makes the right conditions for sustainability through regulation, certification, and best practice.

The paper “Transparency, trust and best prac-

tice of responsible biomass use” - published on April 19th by the WBA - explores the Glasgow Declaration on Sustainable Bioenergy, some of the intricacies of our public debate on sustainability, and the importance of getting bioenergy right.

Global Bioenergy Statistics 2023



The World Bioenergy Association (WBA) published the first global bioenergy report back in 2014. In 2023, the 10th edition of this flagship publication provides an update on the latest developments in the bioenergy sector. Similar to the previous reports, this edition focuses on the global energy system, the role of renewables in electricity, heat and transport, biomass supply, biopower, bioheat, and biofuels. Here are some key findings from the 2023 report:

Fossil Fuels vs. Renewable Energy: Fossil fuels continue to dominate the global energy supply, constituting 80% of the total primary energy supply. However, renewable energy technologies witnessed a slight decline and had a share of 15% in 2021.

Electricity Sector Dynamics: Coal and gas played a dominating role in generating electricity worldwide, making up nearly 60% of the total electricity generation in 2020. However, renewable energy sources, such as solar and wind power, also made significant progress and accounted for 29% of the global electricity production. Bioenergy contributed 9% of the power mix, generating 685 TWh. Of this, 69% came from solid biomass sources, while 17% was from municipal and industrial waste.

Renewable Heat Production: Over the past two decades, renewable energy sources such as biomass, geothermal, and solar thermal have doubled their contribution to global heat production. Biomass has accounted for 96% of global renewable heat production, with Europe generating 88% of bioheat globally.

Transportation Industry Challenges: The transportation sector remains heavily reliant on crude oil and its derivatives, constituting over 90% of its energy consumption. Urgent focus on renewable energy use including RE electricity and fuels is imperative for decarbonization of the sector.

Bioenergy commodities: In 2022, Europe leads in wood pellet production with a global production volume of 26 million tonnes, while Africa leads in wood fuel and charcoal production with production of 720 million m³ and 36 million tonnes respectively. Liquid biofuels and biogas production reached 146 billion litres and 38 billion m³ in 2020.

You can read the complete report here: [GBS 2023](#)

Article in news media

This year's presence of WBA in leading media outlets including Asian Power and Bioenergy International Magazine was important for the bioenergy community, as arguments for the acceleration of sustainable use of bioenergy were highlighted in different contexts.

Article in Bioenergy International – Biofuels in Asia

In this article, Bharadwaj Kammamuru, WBA's Executive Director, highlighted the significant strides made in the global biofuels sector, particularly in Asia, as a sustainable alternative to fossil fuels. Despite challenges posed by the COVID-19 pandemic, the industry rebounded in 2022, with global production surpassing pre-pandemic levels. Asia, with abundant feedstock, underutilized capacities, and ambitious

blending mandates, emerges as a growth hotspot, showcasing notable progress in countries like India and Indonesia. The region's commitment to biofuel production aligns with the global shift towards cleaner energy sources, positioning it as a key player in meeting climate and energy targets.

While Asia thrives, challenges persist in Europe, where a shift from crop-based to advanced feedstocks is underway. Despite these shifts, biofuels continue to play a crucial role in global decarbonization efforts, especially in emerging economies. The article emphasizes the importance of international cooperation to address potential feedstock shortages, ensuring the biofuel sector can effectively meet the rising demand and contribute to a sustainable future for the transport industry.

Asia turns to biomass co-firing in coal plants for energy security, transition

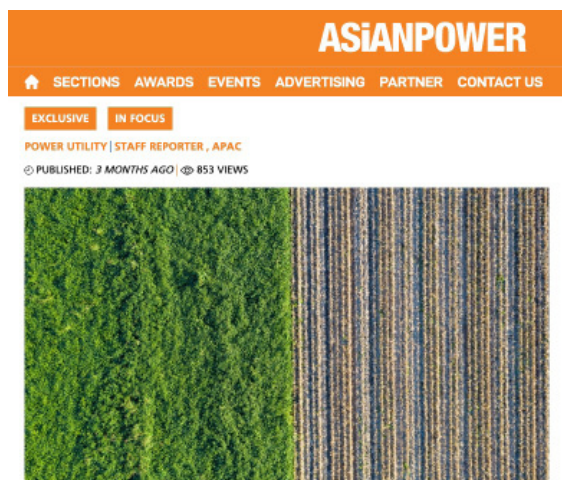


Photo by Mauro Tandori on Unsplash.

Asia turns to biomass co-firing in coal plants for energy security, transition

However, experts cautioned this means that the operations of coal-fired power plants would be extended.

Coal-reliant Asia could not afford to phase out the fossil fuel industry immediately to accelerate the transition to renewable energy. They shift to

The news portal, Asian Power, published an article based on biomass co-firing in Asian coal plants. The WBA was invited to answer some questions and provide some statistics for the completion of this article. The article dived

into the renewable energy transition within the Asian continent and how the shift to co-firing biomass in coal plants might prolong their lifespan. The article also shared some cases where governmental incentives have ramped up biomass usage in power generation, like the case in India.

Originally published in Asian Power. Read the article here: [Asian Power Article](#).

Article in Bioenergy International – WBA advocacy work at COP28

As our participation at COP28, held in Dubai, came to an end, the advocacy work made by WBA was highlighted in an article in the 6th Edition of Bioenergy International magazine of 2023. The article showcased the importance of this COP, as well as the role of bioenergy within the final decisions made in Dubai. By being an active participant in this COP, Bharadwaj Kummamuru, the article's author, shared the WBA's activities for this year's edition of the climate gathering. He also underlined his insights regarding the next steps for bioenergy in future gatherings and how the final decision this year might impact the bioenergy sector.

Report Reviewing

During this year, WBA has been an active participant in reviewing some of the most important bioenergy-related reports within different organizations. Throughout this year, the following reports were reviewed:

Renewable Energy and Sustainability Report – REN21

WBA was invited to review this year's Renewable Energy and Sustainability Report (RESR) by REN 21. The focus of our review was on Bioenergy. The RESR has three main objectives: (i) to map out the arguments in civil society about renewable energies, (ii) to try and provide an overview of what science and different actors are saying about the feasibility of renewables,

and (iii) to highlight existing solutions to address the impacts, to amplify the positive impacts and reduce the negative ones.

Improving decision-making for achieving the energy transition: Guidance of using Strategic Environmental Assessment - International Association for Impact Assessment (IAIA)

WBA was invited to peer review the Bioenergy chapter of the “Guidance of using Strategic Environmental Assessment”, prepared by the IAIA. The chapter delved into the recommended guidelines for considering before, during, and after developing a bioenergy project in any sector. The report is planned to be published in 2024.

IEA Renewables 2023: Analysis and Forecasts to 2028 Report - IEA

Once again, WBA was invited to review “IEA Renewables 2023: Analysis and Forecasts to 2028 Report” made by the Renewable Energy Market Report Team at the IEA. This year’s report consisted of two main parts: regional analysis and industry trends, and country-level analysis. The WBA focused on the transport biofuels, and biogas sectors mainly.

Events

Webinars

Our webinar series this year witnessed substantial engagement, with over 2,500 registrations from a diverse global audience. Participants spanned various sectors, including NGOs, industry representatives, researchers, and government officials, reflecting the broad appeal of our content. Notably, Europe emerged as a focal point, constituting nearly 40% of total registrants, with the private sector taking a prominent lead, representing 43% of all affiliations. This data underscores the widespread interest and industry relevance of our webinars, establishing a robust platform for knowledge exchange and collaboration on key bioenergy initiatives.

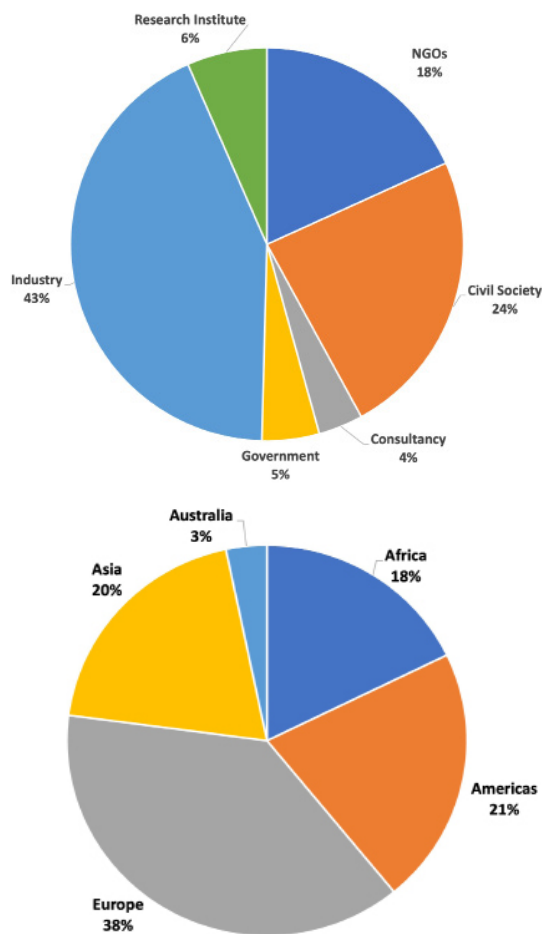


Figure 1. Total registrations by affiliation (top) and continent (bottom) .

Webinar - Biomethane



After the publication of the Biomethane Vision Document – a 5-point plan for scaling up biomethane globally, a webinar was held to highlight its main messages on March 14th. The session had interventions from 12 different speakers from leading trade associations, industry players, and research bodies working in the field of biogas and biomethane. The webi-

nar delved deeper into the different opportunities for biomethane as well as the latest developments in policies, technology, and research.

Webinar – Bioenergy and EU Energy Security



Taking place on April 25th, in collaboration with Bioenergy International, the webinar focused on the key role of bioenergy within the European energy mix, after witnessing the fragility of the current energy system and the war in Ukraine. The session convened experts from different European associations, who highlighted how bioenergy is the largest renewable energy source in the EU, and how it can be included even more in the energy system due to reliability, flexibility, and availability. The speakers highlighted that to meet the EU climate goals, it is critical to sustainably scale up the contribution of bioenergy technologies and solutions in the coming years.

Webinar - Biomass pellets and briquettes



After witnessing how biomass processing technologies have advanced rapidly over the past few years, this webinar delved into sharing the latest developments in densification of bio-

mass with active case studies from around the world. Industry leaders shared their projects and talked about how the increased demand for efficient biomass for energy has led to major developments in this sector.

Webinar – Conversion technology for bioheat and power



Held on June 22nd, this webinar displayed the critical role of bioenergy as part of the net zero energy transformation path. Being heat and electricity the primary end-use sectors, this webinar focused on how bioenergy could be scaled up. Leading experts from technology companies globally shared their perspectives on the latest developments in biomass-to-energy conversion and highlighted improvements in conversion efficiency, flue gas cleaning, etc.

Webinar – Opportunities for biomass deployment in Asia

The presentations provided an overview of the opportunities and challenges in utilizing biomass resources for renewable energy within Asian countries. By exploring different technologies, policies, and market trends, the speakers highlighted how biomass can play a crucial role in reducing reliance on conventional energy sources, mitigating greenhouse gas emissions, and promoting sustainable development in the region. The webinar featured expert speakers from China and Japan, who shared their insights on the potential of biomass in shaping Asia's sustainable energy mix.

Webinar – Green cooking as key for deploying modern bioenergy



In this webinar, we delved into the urgent need for cleaner, more sustainable cooking solutions, emphasizing innovations that can help us move away from harmful traditional cooking methods. We were joined by four prominent experts who shared their journey in developing environmentally friendly, gasifying cookstoves, highlighting the innovations that are shaping the future of green cooking. Each of them introduced their designs, discussed their work's reach, shared the challenges they encountered, and laid out their plans for advancing their initiatives.

Webinar – Advancing pellet production in Central and South America

Collectively, these insights highlighted the dynamic and evolving nature of the Latin American pellet industry, highlighting opportunities for innovation and collaboration in this growing sector. With speakers from trade associations and industry, the webinar shared policy developments, the future of biomass pelleting plants and equipment, and introduced innovative alternatives to traditional pellets, highlighting that new raw materials could yield different end products.

WBA General Assembly

The GA was part of a 5-day visit to Beijing, China from 19-23 October 2023. The annual meeting was part of a trip that included a forum on Biomass Clean Heating in Beijing, followed by

site visits to boiler installations, pellet production, and cookstove manufacturing.

GBEP Bioenergy Week

WBA co-sponsored the 10th Bioenergy Week –organized by GBEP– scheduled in Bangkok, Thailand from the 23rd to the 27th of October 2023. The event included a 3-day conference focussing on topics related to biogas, biofuels, bioeconomy, wood energy, and international policies. The final day included site visits to nearby bioenergy facilities in Bangkok.

COP28, Dubai

WBA is an accredited NGO observer to the UN-FCCC (UN Framework Convention on Climate Change). As an organization with a mission for bioenergy advocacy at a global level, COP climate conferences are an important platform for us. WBA has attended all the COP events since our inception in 2008. COP28 was held in Expo City, Dubai from November 31st – December 12th, 2023. WBA was part of the following activities:

WBA Press Conference (03.12, 09.30 – 10.00)



On December 3rd, the WBA organized an official press conference to emphasize the significance of bioenergy in achieving a renewable and net-zero future. The event was moderated by Bharadwaj Kummamuru (WBA) and included three brief presentations. The session started with the WBA President, Dr. Christian Rakos speaking about the global development of bioenergy. It was followed by interventions from the Brazilian Sugarcane Industry and Bioenergy Association (UNICA) highlighting the role of sugarcane ethanol in reducing car-

bon emissions in the transport and electricity systems in Brazil. Additionally, Pellet Mexico Bioenergia discussed how bioenergy can tackle the challenges of environmental degradation and fossil fuel dependence by using residues and replacing heating in hard-to-abate sectors in Mexico.

Side Event (03.12, 18.30 - 20.00)



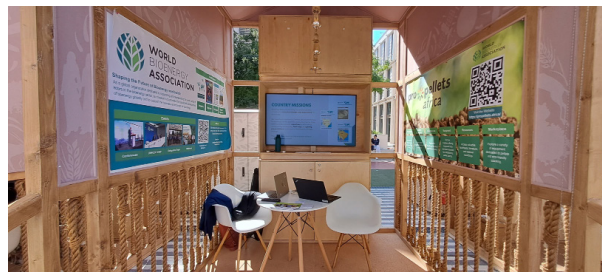
The REN Alliance partners including the International Solar Energy Society (ISES), World Wind Energy Association (WWEA), World Bioenergy Association (WBA), and International Hydropower Association (IHA) got together for a side event: “Rapidly mobilizing renewable energy resources for a just global energy transformation”.

Decarbonizing our energy system will require a transition to renewable energy. Renewable energy technologies support commitments to meet climate targets and contribute to socio-economic benefits such as job creation, energy access, and local development. This event gathered leading RE industry and research associations, showcasing the strengths of working together. The session also included an opening speech from CAN International.

Exhibit Stand (04.12 to 06.12)

During the first week at the Blue Zone, the WBA had an exhibition booth where we shared the progress of the bioenergy sector in meeting the goals of the Paris Agreement. The WBA emphasized the potential for rapid and large-scale deployment of sustainable bioenergy technologies as part of a just energy transformation,

resulting in better health and the environment. At the exhibition space, the WBA engaged with a diverse range of stakeholders, including the private sector, civil society, research, and government representatives from all continents.



WBA at the REA UK Pavilion (05.12, 10:00)

On December 5th, in the Blue Zone of COP28, the World Bioenergy Association (WBA) and the UK Association for Renewable Energy and Clean Technology (REA UK) organized the ‘Sustainable Bioenergy’ event at the REAction pavilion. The session featured speakers from Australia, Germany, Mexico, and the UK who discussed the challenges faced by the bioenergy sector in their respective regions. They also talked about the steps needed to unlock the potential for mobilizing biomass and match the scale and pace of the energy transformation sustainably.



Bilateral meetings/networking

In addition to our diverse array of activities, the WBA actively engaged in several invited discussions. This included a high-level roundtable with influential Indian business leaders, a panel discussion centered on harnessing biofuels for transportation in Brazil, and productive bilateral engagements with private sector entities and industry groups. These interactions

served as valuable forums to exchange insights, share expertise, and foster collaborative dialogue within the bioenergy landscape.



Attended Events

- IRENA GA, Abu Dhabi - Participant
- Oleofuels Virtual - Speaker
- Nordic Pellets, Gothenburg - Participant
- Lignofuels, Helsinki - Speaker
- IREC 2023, Madrid - Participant
- European Pellets, Wels - Participant
- ECADIN/Pertamina - Speaker
- IEA Workshop, Online - Participant
- UN ESCAP WG, Bangkok/Online - Speaker
- Argus Biomass, London - Participant
- IEA Workshop, Brussels - Participant
- International Biomass Conference, Brussels - Speaker
- IEA Workshop, Brussels - Participant
- UN SB58, Bonn - Participant
- ECADIN, Bali - Speaker
- Advanced Biofuels, Gothenburg - Speaker
- Biomass PowerOn, Stockholm - Participant
- China Study Trip, Beijing - Participant
- GBEP Bioenergy Week, Bangkok - Speaker
- EBF 2023, Brussels - Participant

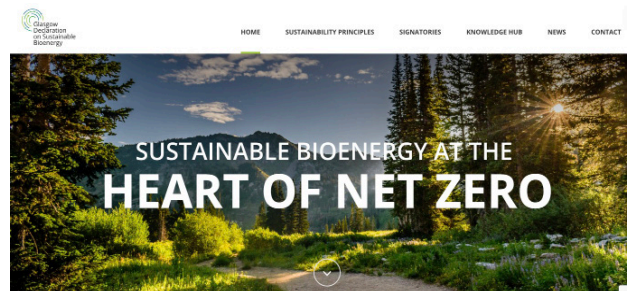
Projects

WBA new logo



In October, WBA released its new look. A fresh, new graphical identity, inspired by the Earth and a leaf's organic form – and its varying shades of green – highlighting the vast potential of bioenergy. This change is more than just visual; it reflects our deep commitment to sustainable, innovative solutions and a future driven by renewable energy. WBA is excited to continue with its journey towards a more sustainable future with this fresh insignia.

Glasgow Declaration on Sustainable Bioenergy



The project on developing sustainability principles published a new report at the Argus Biomass Conference in London in April. The launch was followed by a stakeholder consultation workshop to discuss the progress and next stages. Currently, WBA has taken over the ownership of the project and exploring future steps.

Propellets Africa

In mid-September, the website Propellets.Africa was launched. This platform serves as a hub for information and resources related to sustainable pellet production and usage in Africa. It also features several projects and companies that are actively involved in green cooking initiatives and pellet production in African countries.

Collaborations

Bioenergy International

Previously, representatives of the WBA and Bioenergy International (BioInt), signed a Cooperation Agreement whereby Bioenergy International became the official magazine of the World Bioenergy Association. As part of the agreement, both WBA and BioInt agreed to promote individual publications, organize joint activities, and strengthen the network of bioenergy stakeholders around the world. In 2023, WBA continued the partnership by contributing articles and organizing joint events, like the 2023 webinars.

Global Bioenergy Partnership

WBA officially became an observer organization to the Global Bioenergy Partnership (GBEP). As an observer, WBA will participate actively in all GBEP's activities and discussions including the technical and steering committee meetings. Together, WBA and GBEP exchanged information and promoted individual activities. This year, WBA co-sponsored the GBEP Bioenergy Week, held in Bangkok from the 19th to the 23rd of October.

REN21

WBA is a member of the Steering Committee of REN21 and regularly participates in official meetings. WBA also reviews reports including Global Status Report and participates in interviews etc. to inform on the latest developments in bioenergy.

IRENA

WBA is an observer organization to IRENA and is part of the Coalition for Action. As an observer, WBA participates in the General Assembly and provides input to the Work Program while our role in the Coalition for Action involves suggesting case studies for various working groups, reviewing reports, and participating in webinars as speakers.

CAMBERWELL ENERGY

During this year, WBA collaborated with Camberwell Energy (UK) on a project aimed at understanding and positioning WBA services in the Indian bioenergy landscape. This collaboration took place through multiple sessions and focused on driving WBA memberships in India. This project represents a comprehensive approach to grasping and leveraging bioenergy opportunities within India, and potentially extending its impact to other regions.

- The project consisted of three key phases:
- Strategic planning
- Engaging with Indian-based stakeholders (ongoing)
- Executing on-the-ground activities to increase presence in India

Organization

WBA Board Members 2023 – 24*

1. Alarik Sandrup, Lantmännen (Sweden)
2. Christian Rakos, Propellets Austria (Austria)
3. Elizabeth Woodworth, US Industrial Pellet Association (USA)
4. Georgiy Geletukha, Bioenergy Association of Ukraine (Ukraine)
5. Glauca Souza, University of Sao Paulo (Brazil)
6. Guangqing Liu, Beijing University of Chemical Technology (China)
7. Hazir Farouk, Sudan University of Science and Technology (Sudan)
8. Hong Hao, Great Resources New Energy (China)
9. Jamie Stephen, TorchLight Bioresources (Canada)
10. Ketaki Kokil, Ecosense Appliances Pvt. Ltd. (India)
11. Larissa Rose, Green Growth Australia (Australia)
12. Mika Ohbayashi, Renewable Energy Institute (Japan)

13. Oscar Espinosa Mijares, Pellet Mexico Bioenergia (Mexico)
14. Remigijus Lapinskas, Lithuania Biomass Energy Association (Lithuania)
15. Rodrigo O’Ryan, Chilean Biomass Association (Chile)
16. Saku Rantanen, BECIS Commercial and Industrial Solutions (Thailand)
17. Tanisha Beebee, DRAX (UK)
18. Werner Sitzmann, Amandus Kahl GmbH & Co. KG (Germany)
19. Zoltan Szabo, Ethanol Europe (Hungary)
20. Zygmunt Gzyra, Polish Chamber of Biofuels (Poland)

*Elected at the WBA GA in 2023

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- Andrew Lang, WBA, Australia
- Christoph Pfemeter, Austrian Bioenergy Association, Austria

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- Alejandra Leon, Project Officer, Sweden
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