



**WORLD BIOENERGY
ASSOCIATION**

Annual report 2012



www.worldbioenergy.org

ANNUAL REPORT FOR THE FINANCIAL YEAR 2012

The Board presents the following annual report.

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ADMINISTRATION REPORT

1. Letter from the President

Dear WBA members,

It is a pleasure for me to present you the wba report 2012. This report contains a summary of our activities in chapter 2, followed by the detailed report in chapter 3 and finally the financial report in chapter 5.

In the year 2012 we had to create a new financial basis for our association. In this context I thank our members, new sponsors and donators for their financial support. Thanks to this support it was possible to further develop the activities of WBA.

Among the many activities going on I would like to mention two in this introduction: In the autumn of 2012 we started a new series of fact sheets on important issues of bioenergy. The response on these fact sheets was very positive and we are going to continue this work in 2013.

In December 2012, at the climate conference in Doha, we organized a side event together with our partners of the global Renewable Alliance RENAlliance. In this workshop we demonstrated regional examples for a 100% renewable energy supply. This side event got big attention and offered us the opportunity to demonstrate the importance of biomass to an auditorium with participants from all over the world.

Given the growing evidence of global warming the engagement for renewables is getting more and more urgent! I look forward to what I expect will be a successful 2013, filled with more exciting developments for WBA in terms of expanding and strengthening our network, as well as raising our profile on the international stage and getting the financing of WBA in line.

I thank those who serve in our secretariat, especially Karin for her enthusiasm in her work, all board members and members for their support.



A handwritten signature in black ink, which appears to read "H. Kopetz". The signature is written in a cursive, somewhat stylized script.

Heinz Kopetz,
President, World Bioenergy
Association

“The purpose of the WBA is to increase the use of bioenergy worldwide in a sustainable way”

2. Summary of Achievements

The World Bioenergy Association (WBA) is the global organisation dedicated to supporting and representing the wide range of actors in the bioenergy sector. Its members include national and regional bioenergy organisations, institutions, companies and individuals.

The purpose of the World Bioenergy Association is to promote the increasing utilisation of bioenergy globally in an efficient, sustainable, economic and environmentally friendly way.

The results of the work completed through 31 December 2012 can be summarised as follows:

- » In May, WBA held its third General Assembly, GA, and Steering Committee, SC, meetings in Jönköping, Sweden in connection to the World Bioenergy 2012 and World Pellets 2012 Conference and Exhibition. At the meeting elections were made in accordance with the proposal of Nominating Committee and also according to some changes in statutes on the length of service of board members and an addition of vice presidents. The full list of board members and alternate board members can be found on page 11 or on www.worldbioenergy.org. Following the decision of Mr Kent Nyström to step down as president after his 4 years, Dr Heinz Kopetz, a world-renowned bioenergy expert, was unanimously elected as President of the World Bioenergy Association. Mr Kent Nyström was acknowledged for his excellent contribution, for serving as President, and for making the Association the premier voice of global bioenergy industry, as it is now recognised internationally. Later in the year the board constituted a “Member of Honour” and the first candidate to vote as Member of Honour was Mr Kent Nyström. The Steering Committee decided to elect the following as vice Presidents; Douglas Bradley for North America, Andrew Lang for Australia and Oceania, Judi Wakungu for Africa. The Steering Committee also decided to elect the 21 members to the board, see page 11 and thanked the board members Bill Holmberg from the Biomass Coordinating Council, ACORE and Tetsunari Iida from Institute for Sustainable Policy, ISEP, both having served and supported the WBA since its beginning in 2008 and they were acknowledged for their work for WBA.

- » During the first month of the year before the GA and SC we were able to appoint the members to the NC and later in the year the board have been able to appoint Johan King from Inter-American Institute for Cooperation on Agriculture (IICA), Surinam to be the 11th alternate board member .
- » The board has decided on a work program for 2012-2013 where important bioenergy projects have got priority after resources are in place. The plan for financing and focus areas is described in the work program.
- » During the period 2009-2012 the WBA commissioned an in depth study of existing sustainability certification systems for forestry or biomass production in order to define the foundational characteristics for a system more focused on biomass for energy. We now have the basis for certification processes – or the Sustainable Biomass for Energy, WBA Verification Scheme, SBVS – that considers the content of existing standards but is more directly applicable to our immediate stakeholders.
- » In January 2012, the WBA published a new page on our web site that addresses Sustainability. Here we introduce the content that we believe is required for a Global Verification Scheme for Sustainable Biomass for Energy – we see this as an important item against which other standards can be measured for relevance for our industry. In May 2012, the WBA accredited WBA board member Philip Peck to be the contact point for the SBVS. At present, resources held by the WBA are insufficient to pursue the market launch of a ‘label’ and the SBVS will serve as the WBA ‘position statement’ regarding adequate and desirable sustainability standards for biomass-for-energy.
- » The WBA has also developed documents that can support a ground-testing of the label in the field. This process is seen as important so as to provide a compatibility comparison against incumbent certification schemes. Discussions regarding a field test are ongoing with several companies interested in WBA concept. Field-testing will also provide practical assessment of an eventual market space for an industry-led standard such as the SBVS.
- » To move forward with the BioenergyConnect (BC) we developed and brought up the BC website and was able to launch it to public in May at the World Bioenergy 2012 in Jönköping. We have already 126 users as early adopters even if the platform needs some minor adjustments and during the coming year the matchmaking service completed and tested.

- » The WBA continued working with a number of communication activities:
 - WBA Website:** Today we have approximately just above 1 000 visitors per month. During 2012 we had 12 668 unique visitors and 75% of them were new users, mostly from USA, Australia, United Kingdom, Sweden, Germany, Spain and India.
 - LinkedIn:** we have 445 members/professionals on the World Bioenergy Association Group and over 100 discussions on-going
 - Facebook:** We have got 55 likes
 - Newsletters:** We published 4 member/bimonthly newsletters during 2012.
 - Magazine:** WBA published one Bioenergy Magazine
 - Events:** WBA has been represented at more than 30 events as a speaker, delegate or supporter.
- » We have so far been successful in the launch of our new series of fact sheets with excellent feedback from readers and members who have gone as far as to forward and post the fact sheets on their own websites and also from members that are interested to use them as material support. To date we have launched the following three fact sheets through our web site (between 400-800 downloads each), emailing our contact lists with more than 1500 important recipients, online media and through BioenergyConnect and others. Each fact sheet has a summary and also includes an official WBA position. The launch has been followed by a press release. The following fact sheets were launched during 2012:
 - Small-Scale biomass heating,** October 2012
 - Biomass Combined Heat and Power (CHP),** November 2012
 - The carbon neutrality of biomass from Forests,** December 2012
- » The World Bioenergy Award in cooperation with the event World Bioenergy Conference & Exhibition producers was executed successfully 2012 in cooperation between WBA Board as Jury, and Elmia, the organiser of the event.
- » The WBA has accumulated 90 members during 2012 and of these 16 were Full members, 28 Associated and 46 Individuals. The board decided on a new structure for the fees for members ranging from 300-5 000 € for organisations and companies and 50 € for individuals.
- » Supporters and Donors. Also a new concept for official and silver sponsors was introduced and we were able to attract one official supporter and two silver sponsors during 2012.
- » The WBA represent the bioenergy sector as a member of the International Renewable Energy Alliance (REN Alliance). This membership has led WBA to play an important role in several gatherings including IRENA meetings, REN21 meetings, COP18, etcetera.
- » WBA was represented at the COP 18 meeting in December in Doha, Qatar as an official Observer. Our mission was to launch the fact sheet on Carbon Neutrality of Biomass to Energy but also to increase the WBA's presence globally and to enlarge our networking influence.
 - WBA had a joint stand for 2 weeks in competition with many others.
 - WBA held a press conference slot also in competition with many others. The theme for the press conference was to launch the fact sheet on Carbon Neutrality of biomass to Energy.
 - WBA together with the REN Alliance partners, held a side event on the 4th of December. Our workshop had the headline "Towards 100% Renewables: Case Studies and Examples from Regions and Municipalities". The side event was very well received in a crowded room.
- » Overview of international contacts. WBA continued to intensify relationships with international contacts on the global level with:
 - IRENA** – the new international Renewable Energy Agency with the seat in Abu Dhabi
 - REN Alliance** – a network of five global organisations working for Renewables: Hydro, Wind, Geothermal, Solar and Bioenergy.
 - REN 21** – the renewable energy network, based in Paris, as a cooperation of governments and organisation in favour of RES
 - IPCC** - the international panel on climate change

3. Activities 2012

Membership

At the end of the year 2012, WBA has 90 Members of which 16 are full members, reaching directly some 10 000 companies and organisations. 74 companies and individuals have also joined WBA and many more are on their way. During 2012 we doubled the number of members in this categories. Members have joined to create a forum across all bioenergy sectors, to develop a better understanding about bioenergy tasks, and to initiate global outreach communicating the benefits of putting sustainable bioenergy to greater use worldwide.

We recognise the need to continue our fast growth to secure our financial basis and hence increase the support of our mission.

We have employed different strategies to attract resources to WBA and through a newly implemented supporter system we have now attracted one official supporter so far and two silver supporters. Also we are happy to inform that we have been able to reach five donators to support our mission.

New rules for fees for members and for sponsorship were introduced during 2012. The board decided on a new structure for the fees for members ranging from 300-5000 € for organisations and companies and 50€ for individuals. Also a new scheme for official and silver sponsors was introduced. Establishment of "Honorary members" to the WBA. Board decided to approve establishment of "Members of Honour of the World Bioenergy Association". Member of Honour will be given to an individual that have done valuable achievements for the increased use of bioenergy. Board decided to approve the first candidate of "Members of honour" to the former WBA president and founder of WBA, Kent Nyström.

The structure of membership

WBA welcomes Associations, Companies and Individuals as members. WBA offers three types of membership:

- » Full Members: national or regional associations.
- » Associated Members: companies, researchers, organisations or any other kind of bodies not covered by full members.
- » Individual Members
- » WBA also welcomes four Official Supporters and 20 Silver sponsors.

If not member yet - Why should you join?

Your membership will make the WBA stronger and more effective in achieving its goals. The WBA is the key Bioenergy organisation working at an international level influencing

politicians and industry leaders to support the shaping of frameworks that can further develop and promote bioenergy as the leading global renewable energy sector. As the Association grows and spreads so does its influence. Add your voice to the global bioenergy movement!

Who are the WBA?

Formed in May 2008, the WBA is one of five renewable energy bodies that form the Renewable Energy Alliance. WBA is recognised as the peak bioenergy body by the UN, IPCC, European Commission, and the world's regional and national renewable energy, biomass and bioenergy associations. With its secretariat based in Stockholm, the WBA board is drawn from 18 countries, with all continents represented.

What have we achieved thus far?

Since day one the Association has delivered research papers, fact sheets and position statements on energy from biomass, and the potential for expanding bioenergy development around the globe.

We stimulate and support the development of bioenergy associations by supporting initiatives with information on our website and in person, and we are contributing to the development of criteria and processes for certification of sustainability for international trading of biomass and biofuels. WBA is now able to offer the SBVS Scheme to be used as a guidebook for an independent auditor to verify that the WBA sustainability criteria are met.

We support business-to-business interaction in the sector with the Bioenergy Connect web-based networking facility. BioenergyConnect is a tool for technology transfer and capacity building. In short we are working to enable bioenergy businesses to pursue existing and new markets in better ways – and to communicate their efforts to potential partners and stakeholders worldwide.

Communication and activities

The secretariat is seated in Stockholm, Sweden. The secretariat has its functions on a basic level.

WBA is undergoing rapid expansion and also 2012 was a very hectic year. However, the association still requires more human and financial resources. We consider that the process of recruiting members needs more efforts in order to keep growing. Thus, the board keeps working to achieve all planned activities.

Until now, the WBA has a Board, a Nominating Committee, a President an employed Executive director, and a contracted Director of communications. The President works almost fulltime voluntarily and the Executive director full time, the Director of Communications on fulltime and the Board members work on behalf of their organisations. From May 2012 until end of year WBA has had a full time trainee.

Media

WBA - Website

We have a website up and running for press release, other news from the WBA and reports also to members exclusively. We also link our presentations of video films to our web site for broader reach.

WBA has installed a supervision system showing how many visitors and their nationality. During 2012 we had 12668 unique visitors on our website. 75 % were new users. Most of them come from United States, Australia, United Kingdom, Canada, Germany, Spain, India and Sweden. This proves the necessity to keep updating the website.

Since last year we have got a stabilization of more than 1000 visits per month. We had peaks in May-June and November-December. The first peak in May-June was probably due to our annual meeting and activities around that as the change of president and the World Bioenergy Award and the second when we started the launch of our fact sheets.

Member letter/ bimonthly newsletter

News, member letters and comments have been sent to members during the year. It was decided, we will now produce a newsletter every second month to inform our members about WBA activities and the various important global bioenergy issues concerning our industry. This initial newsletter will be improved upon over the following months to include more information in more detail. We published during the year 2 member letters and 2 bimonthly letters.

Press conferences/ Press releases

- » Press release due to launch of fact sheets have been done. In December at COP 18 a press conference was held for the launch of the 3rd fact sheet.

- » Press conference was held on the 3rd of December together with the REN Alliance partners on the key role of communities for 100% renewables.
- » On the 4th of December a press conference was held in Doha at the COP18 meeting to launch the WBA Fact sheet on Carbon Neutrality of Biomass from forestry. WBA president held the press conference assisted of Kjell Andersson, Swedish Bioenergy Association and the executive director of WBA.

Bioenergy Magazine

The 4th edition of the magazine was launched at the World Bioenergy 2012 in Jönköping. The profile of this Magazine is more like a members/client magazine for bigger outreach of our mission on different kind of events. Many pages were devoted to present the nominated candidates to the World Bioenergy Award.

LinkedIn and Facebook

It is important for the WBA to be seen using new media and networking tools and the launch of "the World Bioenergy Association Group" in November 2011 on LinkedIn has been very positive. We have more than doubled the members in the group and the discussions started have gone from 17 to over 100 today. These established networking platforms will add to the WBA's ability to communicate to interested parties throughout the year.

Media Collaboration and articles written

WBA have collaboration with the magazine Bioenergy International and WBA members are able to read the latest news on our website. WBA also reported on our work in the magazine. WBA have also started a collaboration with the BioenergyInsight.

Build a strong future for modern sustainable bioenergy by joining WBA!

The importance of modern bioenergy and the huge unexploited amounts of sustainable biomass for energy available must be communicated to politicians and other decision makers, investors and the public. World Bioenergy Association is working to spread knowledge about the benefits that efficient use of sustainable biomass for energy gives all over the world.

worldbioenergy.org »

Many Articles has been written and here some of the magazines:

- » July 2012, Article on Rio + 20 for journal Ökoenergie
- » August 2012, Article on ethanol and protein feed for Die Presse
- » September 2012, Article for Nature and World Action Qatar COP18

BioenergyConnect

We have made progress during the year in financing the technical set up of BioenergyConnect, an online tool, which will facilitate communication and business. This has been one of our important tasks to develop and implement. This platform gives the possibility to connect with manufacturers of equipment, producers/sellers and users/buyers of biomass, investors and researchers.

In the beginning of the year BC needed development and practical platform work to be able to launch the web site in May for the Annual meeting. We engaged a web builder and finally the launch was made to demonstrate how it works and to get input from users of the platform to be able to improve. We still have some minor adjustments to do as well as testing the Matchmaking facility on a relevant gathering of business & research people.

The ultimate work on this kind of website is to get users. Invitations, presentations and demonstrations have been ongoing. Individual users are able to register for free. If companies want to join they will need to pay a fee to be able to use the full functions and services. This is available for a reduced price for members so please contact Andrew Potter for guidance and proposals. To market the website, a promotion team was decided to be formed to support the platform and meet once a month per telephone. The team is under development.

To register as a free user you can join today at www.bioenergyconnect.net for inquiries relating to company profiles please contact: Andrew.potter@worldbioenergy.org or Tel +44 (0) 207 713 6028

Fact sheets

We have so far been successful in the launch of our new series of fact sheets with excellent feedback from readers and members who have gone as far as to forward and post the fact sheets on their own websites and also from members that are interested to use them as material support. We have now a list of subjects and are open for proposals of subjects from our members and below you can see what is in the pipeline. If there is interest from members we could also be able to customize the fact sheets for your needs to ensure

they maximise the support of your activities. Please contact our secretariat for more information.

To date we have launched three fact sheets through our web site, emailing our contact lists, online media and through BioenergyConnect and others. Each fact sheet has a summary and also an official WBA position. Here are the summaries of the three fact sheets.

[Small-Scale biomass heating, October 2012](#)

Worldwide more than 75% of all biomass is used for cooking and in small-scale heating devices (for space and water heating). This fact sheet has been produced to give an overview of various biomass heating systems below 100 kW, and their potential beneficial applications. In many regions globally people are using old or outdated equipment with low energy conversion efficiency that can result in relatively high emissions. Yet, in the last decade, significant improvements in the technology of small-scale biomass combustion have been achieved. These improvements concern the preparation of the biomass fuel as well as the combustion technology, resulting in high efficiencies and a reduction of emissions by more than 90% as compared to the old equipment. This fact sheet will provide information about the basics of biomass fuels, biomass combustion, new small-scale biomass combustion technologies and the huge market for small-scale biomass heat.

It is also intended to send a strong message to national governments globally to implement programs or incentives, to replace fossil fuels with biomass within the small-scale heating market. Replacing fossil fuels has become specifically important for the future of global bioenergy policy, due to the fact that not only the heat market is the largest sector of final energy demand, but also that biomass can offer a cost competitive solution

[Biomass Combined Heat and Power \(CHP\), November 2012](#)

Combined heat and power (CHP) means the simultaneous production and utilization of heat and electricity. Combined heat and power production uses a series of proven, reliable and cost-effective technologies that are already making an important contribution to meeting global heat and electricity demand.

CHP, particularly together with district heating and cooling (DHC), is an important part of greenhouse gas (GHG) emission reduction strategies, due to higher efficiency and whence, a reduced need for fuels. The construction of new DHC grids is a prerequisite for an increased CHP application. The public authorities have an important role to play in the initiation of DHC-grids. They must be interested in connecting their buildings to the grid to serve as a good example for

the other building owners. When you achieve this boost it is normally not necessary to finance DHC-grids from public authorities.

This fact sheet has been prepared by the WBA to provide information regarding the latest developments surrounding the use of biofuels in CHP applications.

The carbon neutrality of biomass from forests, December 2012

The use of forest biomass is carbon-neutral, because the carbon contained in wood originates from the atmosphere and it is released to the atmosphere by wood decay or by combustion. Before a tree can be burned it has to grow by absorbing carbon from the atmosphere. Theories on carbon debt and 'payback time' of biomass are not credible, because they are based on the unrealistic assumption that trees are first burned and then grown!

It is a fundamental requirement of sustainable forestry that the carbon stock in forests remains stable or increases over time. Deforestation and unsustainable forest management lead to a decline of the carbon stock in the forest – this has to be avoided. The forests are part of the global carbon pool atmosphere - biospheres within which the carbon moves as part of the natural carbon cycle.

The carbon released by burning fossil fuels is not part of the 'natural' carbon cycle. It rapidly increases the CO₂ content of the atmosphere. In 2011 about 90% of total CO₂ emissions were caused by burning fossil fuels. The use of fossil fuels creates a carbon debt that will be a huge burden for future generations. Replacing fossil fuels with renewable energy has to be the core strategy with regards to future climate policies. Utilizing biomass from sustainably managed forests can play an important role in this strategy. Several countries have demonstrated that a build up of carbon in forests and an increase of forest biomass for energy is simultaneously achievable by good forest management practice.

Claims are being made, that trees should rather be left to grow to stock further CO₂ and not be harvested. This is no solution however, because forests stop to grow as soon as trees are mature. It would also mean not to use the sustainable products from forests: timber, paper, energy and to replace them by fossil fuel based products.

The WBA favors a global afforestation program to reach a net increase in the global forest area by 100 million ha by 2025, sustainable forest management worldwide and more utilization of forest biomass instead of fossil fuels. To avoid a reduction of carbon sequestered in forests due to the growing demand for solid biomass governments are urged to enforce a forest management policy in their countries based on the principle of sustainability. The WBA proposes to introduce sustainability criteria as developed by the WBA since 2009. Certification systems based on these cri-

teria should be introduced for consumers or traders of large quantities of solid biomass.

Note: This fact sheet explains the role of biomass from forests in the global carbon cycle. WBA sees an urgent need for this clarification on this issue after having analyzed the different opinions being discussed. This paper does not deal with emissions along the supply chain from the forest to the final consumer.

Fact sheets planned for 2013:

In preparation:

» Biofuels

» Biogas

In discussion:

» Biomass in a global scenario towards 100% Renewables

» Biomass for Energy and Land use

» Biomass potentials

» Biomass and climate change

» Advanced biofuels and Biorefineries

» Carbon trading and biomass

» Biorefinery – Bioenergy combines

Sustainable Biomass for Energy – WBA Verification Scheme, SBVS

To move forward on the SBVS we published in January a new page on our web site about Sustainability. On this page we introduced the Global Verification Scheme for Sustainable Biomass for Energy.

In May WBA accredited Philip Peck to be the contact point for the SBVS. WBA have developed documents for a test run and are discussing with several companies interested to run the WBA concept. There is a value to be achieved by practical assessment of the market space for an industry led scheme such as the SBVS.

The plan for test auditing in collaboration with AEBIOM on the Pellcert project did not result in a collaboration this year. In October a pilot trial was proposed and arranged via AEBIOM with a pellet company in Portugal. There are not many PEFC or FSC certified forests in Portugal and this was perceived as an attractive test area. Resources were set aside for the audit work, but the Portuguese Pellcert partner did not secure the arrangements with the Portuguese company. WBA can still run the project as documents have been developed for a test run and follow up if needed. There are several companies interested to run the WBA concept. There is value to be achieved by practical assessment of the market space for an industry led scheme such as the SBVS. The forest owners associations started PEFC while FSC was

initiated of the forest industry and environmental groups. It was also noted in discussions in the WBA board lately that while the broadest stakeholder acceptance at present remains with the FSC, there is evidence that the PEFC scheme is evolving in form closer to the FSC requirements, and such evolution may reduce market space in the EU. For more information contact: Philip.peck@iiee.lu.se

Projects

In Summer 2012 an inquiry among our board about future priorities of our work has been made. As a result the following ranking was elaborated:

WBA Project Number and Activity	
1	Global Bioenergy statistics
2	Sustainability label
3	100% RES Scenario for 2050
4	Handbook for Bioenergy Associations
5	Guidelines for efficient and sustainable deployment of bioenergy including case studies
6	Public relation work on bioenergy issues
7	Carbon debt of fossil fuels, the 2° target of UNFCCC, Durban initiative
8	Bioenergy equity fund

Vice President Andrew Lang together with our office wrote the first proposal for a project on Global Bioenergy Statistics to be presented to IRENA and others. This proposal on starting up and financing bioenergy statistics has been discussed with IEA, IEA Bioenergy, IRENA and letters have been sent to possible funding institutions. So far it was not possible to get an approval for the financing of the Statistic Project and therefore the work could not be started. The project and its financing has highest priority in 2013.

After the Bioenergy Conference in Kuala Lumpur in October 2012 Vice President Andrew Lang started a project together with members of the University of Sudan on developing a biofuel concept for Sudan based on Jatropha. WBA is involved in the Pellcert project as subcontractor.

Bioenergy Award 2012

The Jury for this competition was the WBA board and the organiser of WB12. Planning of the 2012 award started during 2011 and the launch of nomination was in December 2011. In April 2012 the nominated candidates was published and the winner was introduced on May 28.

Mr Harry Stokes became the lucky winner of the 6 nominated candidates. The prize ceremony was well received and the Swedish Energy Minister put out the prize and read the winning nomination text. Kent Nyström, WBA presented the six main nominations before the ceremony. The prize winner held a short talk to come back later with a longer speech in the afternoon at the WBA announced conference

on “Renewables Working together”. WBA had a networking reception after the session and about 150 attended.

Board meetings

The WBA has held 4 board meetings during 2012 and one meeting as the Jury of World Bioenergy Award.

- » February, Telephone meeting
- » April, World Bioenergy Award, Jury meeting, Telephone meeting
- » May, Jönköping, Sweden in conjunction to the GA and SC
- » September, Telephone meeting
- » November, Vancouver, Canada in conjunction with the Annual CanBio Conference and Exhibition. This meeting was both on telephone and at site.

Conferences and other meetings

We have been involved as speakers, participating in workshops, collaborations, posters, exhibitions, panels, business match-makings, sponsors etc. At all these meetings WBA extend our important network.

March

- » 6-14, Japan Renewable Energy Foundation: follow up on the renewable direction for Japan organised in Tokyo by Japan Renewable Energy foundation. Heinz Kopetz was invited to give speeches after one year of the Fukushima disaster.
- » 19-21, Ecowas regional Bioenergy Forum, Bamako, Mali. WBA was represented with speech of Ben Muok, ACTS organised by Global Bioenergy Partnership. Unfortunately there was a coup in Mali at the same time and the meeting had to close up earlier than predicted. WBA representative was safely transported home to Kenya.

May

- » 4, Irena representative, Mr Dolf Gielen visiting WBA office in Stockholm.
- » The role of Bioenergy in IRENA is however not as strong as that for the other renewables. It could and should be changed with a deeper cooperation between IRENA and WBA. In IRENA's work with “Resource Mapping” so far Bioenergy is not included. We agreed that it's important to include the largest renewable resource. A co-operation between IRENA and WBA could solve this.
- » 17, REDAF Regional Workshop on statistics. Representation from WBA of Andrew Lang.

- » 28, WBA General Assembly and Steering Committee in conjunction to the World Bioenergy 2012, Jönköping, Sweden
- » 29-31, World Bioenergy 2012 and World Pellets 2012, Jönköping, Sweden. WBA had stand and side event together with REN Alliance partners. Many board members attended.

June

- » 1, EU project, Pellcert meeting in Stockholm. Karin Haara attended.
- » 20-22, Rio + 20, Rio De Janeiro, Brazil. Represented of Board members Tanay Sidki Uyar and Laercio Couto already signed for the meeting.
- » 25-27, European Bioenergy Conference, Brussels, Belgium. Heinz Kopetz active at meeting.
- » 28-30, IRENEC 2012, International 100% Renewable Energy Conference and Exhibition in Istanbul, Turkey. Tanay Sidki Uyar represented WBA at the meeting

July

- » 3-5, World Wind Congress, Bonn Germany. WBA was represented of Heinz Kopetz. Also REN Alliance had meeting in conjunction to the event.
- » 17, Meeting with 17 delegates from South Korea forest interested in Bioenergy, Karin Haara was active in meeting

August

- » 27-1 Sep, Bioenergy from Forest 2012, August 27-31 in Jyväskylä and Jämsä, Finland. Andrew Lang was representing WBA.

September

- » 4, WBA Board meeting on telephone
- » 10-12, Biomass Market Forum, Amsterdam, Netherlands. Heinz Kopetz attend as the conference chairman. Heinz Kopetz was the key note at this meeting and besides giving speech he also had a chair role.
- » 12-13, 3rd Biomass pellets Trade Asia, Seoul, Andrew Lang attended from WBA
- » 26, Statistics on Bioenergy with IEA and REN21, Heinz attended from WBA to discuss how to get the statistics for bioenergy right.
- » 27, AEBIOM Meeting, Heinz is attending the meeting and the main political issue was discussed on the ILUC factors, the commission plans to use these factors and to reduce the targets for biofuels for transport saying that 1st generation only should reach 5% of the con-

sumption. A letter was prepared against this fundamental change to be presented to the commission.

October

- » 4-5, Renewable Energy Conference, Ljubljana, Slovenia. Heinz Kopetz attends.
- » 9-10, Bioenergy Conference, New Delhi, India. Sribas Bhattacharya attends
- » 10, Meetings in Norway with the bioenergy networks. Heinz Kopetz attended.
- » 10, EBEC, European Bioenergy Exhibition & Conference – Attended by Andrew Potter
- » 23-24 ICBBVAP 2012, Kuala Lumpur, Malaysia. Heinz Kopetz, Andrew Lang and Wan Asma Ibrahim attended the meeting and delivered speeches. WBA had also a stand in the exhibition area.

November

- » 14, PEFC Workshop, Strengthening the link – Sustainable biomass & Forestry Certification. Heinz Kopetz attended and also made a WBA statement.
- » 14-15, IEA Bioenergy Conference, Vienna, Austria, WBA president attended this meeting also in trying to see how we can collaborate with IEA Bioenergy for mutual benefit.
- » 25, WBA Board meeting, Vancouver, Canada This meeting was organised in conjunction with the Canbio meeting.
- » 26-28, Bioenergy Australia Conference, Andrew Lang attended

December

- » 26 November - 7 December, COP 18, Doha, Qatar. WBA attended the meeting together with the Ren Alliance partners. WBA was invited as an official observer to the meeting in Durban. Including making many new contacts, we successfully broadened our network with intergovernmental, nongovernmental organisations, companies and other important parties, all of whom we can collaborate with in the near future. Apart from the WBA attracting many people to our stand we had additional exposure through the “Climate Change Television” channel. There was also a side-event that we held together with the REN Alliance partners. There were plenty of side events and networking possibilities overall and also possibilities to speak to high level ministers from different countries depending on which countries was of interest and easiest for each of us to approach. The launch of the 3rd fact sheet “Carbon Neutrality of Biomass from forestry” at the COP18 to explain our

position on the carbon neutrality of biomass. This was addressed to all delegates at the meeting, a press release was published after the press conference.

REN Alliance Collaboration

The International Renewable Energy Alliance (REN Alliance) consists of the International Geothermal Association (IGA), the International Hydropower Association (IHA), the International Solar Energy Society (ISES) and the World Wind Energy Association (WWEA).

The result of collaboration with the REN Alliance partners has strengthened the position of WBA as one of the 5 global associations for renewable energy. We participate in each other's main conferences to strengthen the renewables. We collaborate at important global meetings including UN conferences and IRENA meetings with focus on development of renewables and raising the voice of the Industry. ISES hosted the REN Alliance office in the year 2012. This year 2013 WBA has the presidency of REN Alliance. We also have a Website together and that is another entrance to WBA.

Meetings and workshops in the REN Alliance:

Several telephone meetings have been held during 2012 to discuss, understand and promote our common positions.

- » 28 May 2012, Renewables working together at the World Bioenergy 2012, Jönköping, Sweden. A side event was organised together and also supported by IRENA.
- » 4-5 July 2012, WWEA annual conference, Berlin, Germany. Meeting attended of Heinz Kopetz.
- » December 2012, COP 18, Doha, Qatar. Meeting. The Alliance partners had three booths at the venue in the same line. - WBA together with the REN Alliance partners, had a workshop and press conference in cooperation. Our workshop had the headline "Towards 100% Renewables: Case Studies and Examples from Regions and Municipalities". The side event was very well received in a crowded room.

REN21 collaboration

The global statistics on renewable energy sources has been published by REN21. The statistics and conclusions are based on different sources as IEA and others. The latest report from REN21 states that renewable energy constitutes 16.7% of global final energy consumption.

As we need improvements on the statistics for modern bioenergy WBA and REN21 will collaborate to present the statistics to the bioenergy industry in a more useful way. WBA have decided to support REN21 after a proposal to WBA to promote their work to get the statistics and reports on biomass for energy more accurate. From WBA Sribas Bhattascharya will be the reviewer to the Global Status Report on Renewables. Other reviewers on bioenergy are Ralph Sims, OECD and a person from NREL in US.

Another collaboration with REN21 is on the Renewables Global Futures Report where WBA has contributed in interviews and as a reviewer.

Late 2012 REN21 invited WBA as a part of the REN Alliance to join their steering committee. In January 2013 this was decided of REN 21 Steering Committee.

4. The WBA board and members

The board consists today of 22 board members of which 11 are alternates. The board was elected mainly after considering 2 criteria: geographical spread and different field of speciality or competence. They cover a comprehensive and wide range of highly experienced individuals through following persons and their organisations. After every board member the election period is presented as the statutes guide:

Board members

Sribas Bhattacharya, International Energy Initiative, IEL, India, 2 years

Albert Binger, Caribbean Community Climate Change Centre, Jamaica, 1 year

Douglas Bradley, Canadian Bioenergy Association CanBio, Canada, 2 years

Laercio Couto, Brazilian Network of Biomass for Energy, RENABIO, Brazil, 2 years

Jennipher Handoondo, Zambian Bioenergy Association, ZBA, Zambia, 2 years

Heinz Kopetz, World Bioenergy Association, WBA, Austria, 2 years

Andrew Lang, Wood Energy Group, Australia, 2 years

Kai Johan Jiang, National Bioenergy, Peoples Republic of China, 2 years

Michael J McAdams, Advanced Biofuels Association, USA, 1 year

Tanay Sidki Uyar, Eurosolar Turkey, 1 year

Judi Wakhungu, African Centre for Technology Studies ACTS, Kenya, 2 years

Alternate Board Members

Katia Abreu, The Confederation of Agricultural and Livestock and plantation CNA, Brazil, 1 year

Shota Furuya, Institute for Sustainable Energy Policies ISEP, Japan, 2 years

Wan Asma Ibrahim, Forest Research Inst. FRIM, Malaysia, 1 year

Jean-Marc Jossart, Aebiom, Belgium, 2 years

Billy Katontoka, Zambian Bioenergy Association ZBA, Zambia, 1 year

Remigijus Lapinskas, Lithuanian biomass energy association LITBIOMA, Lithuania, 1 year

Benard Muok, African Centre for Technology Studies ACTS, Kenya, 1 year

Philip Peck, The International Institute for Industrial environmental economics IIIIEE, Sweden/Australia, 2 years

Olga Ulasevich, Russian Energy Agency, The Russian Federation, 1 year

Vivian Zheng, National Bioenergy, Peoples Republic of China, 2 years

Johan King, Inter-American Institute for Cooperation on Agriculture (IICA), Surinam

Nominating Committee

The SC have decided to have 5 members from the global bioenergy community that has a good geographical outreach. Decision has been made on the convenor and first member of the committee: Bo Hektor, IEA Bioenergy task 40, First-bioenergy AB.

During the first half of 2012 we were able to get a full Committee that is responsible to nominate candidates to next Steering Committee meeting in the WBA.

Following members accepted the role:

Bo Hektor, First Bioenergy, Sweden, Convenor

Jessie Elauria, University of the Philippines Los Baños, Philippines,

Miguel Trossero, Bioenergy Strategies, Argentina,

Abeeku Brew-Hammond, The Energy Center, KNUST, Ghana. We are very sorry to report the passing of our good friend and colleague Abeeku Brew-Hammond on the 25th of March 2013.

Ralph Sims, Massey University, New Zealand

The secretariat

Karin Haara, Executive Director WBA

Andrew Potter, Director of Communications

Marcus Rostamkhani, Trainee, May 2012 – February 2013

Members of WBA

Members of Honour

Kent Nyström, Sweden

Full Members

Avebiom, Spain

Svebio, Sweden

Aebiom, Belgium

CanBio, Canada

proPellets, Austria

ZBA, Zambia

The Wood Energy Group, Australia

Energigården – Center for Bioenergy, Norway

Czech Bioenergy Association, Czech Republic

Climate Change Network, Nigeria

Eurosolar, Turkey

German Bioenergy Association, Germany

SSS- National, India

African Bioenergy Association, Cameroon

Austrian Biomass Association, Austria

NoBio, Norway

Associated Members

First Bioenergy, Sweden

Elmia AB, Sweden

EFO, Sweden

Silvex Energy AB, Sweden

Bandit Industries, INC, US

United Loggers Ltd, Estonia

DP Cleantech Co, Ltd, China

AKATA Commodity Trading ApS, Denmark

MHG Systems Oy Ltd, Finland

Scandinavian Forestry & Engineering, Australia

COVAERSA s.a.u, Spain

SIBCONGO, DP Congo

Firefly AB, Sweden

CPM Europe, Netherlands

Groupe Anderson Inc/Anderson Group Co, Canada

C. F. Nielsen A/S, Denmark

W. Kunz Dry Tec AG, Switzerland

Viking Heat Engines AS, Norway

FM Bioenergy, UK

Booker Tate Ltd, UK

Jeffrey Rader Corp, USA

B&W Mechanical Handling Ltd, UK

Energy Commission Nigera

Andritz Group AG, Austria

Chemec Oy, Finland

Vermeer Corp, USA

KWB, Austria

Ekman & Co AB, Sweden

Individual Members

Ohene Kwadwo Akoto, Ghana

Dirk Volkmann, Germany

Anders Rydåker, USA

Laercio Couto, Brasil

Bruce A. Brewer, Namibia

Manny Deol, Canada

Franco Gotana, Italy
 Rajesh Chintala, USA
 Kes McCormick, Australia/Sweden
 Farhad Mirzaei, Iran
 Jean-Marc Jossart, Belgium
 Krister Rosenquist-Packalen, France
 Dan Asplund, Finland
 Padmavati Manchikanti, India
 Alec Bulc, Slovenia
 Praveen Pyata, India
 Herman Schaller, Austria
 Kulluru Krishan, India
 Abolarin Kehinde Adeniran, Nigeria
 Martina Sumenjak Sabol, Slovenia
 Alexandr Novykh, Ukraine
 Marco Valliluoto, Finland
 Angelica Rodriguez, UK
 H.E. Martina Martinez, Netherlands
 Evandro Carrera, Brazil
 Lucy Kabura Wangai, Kenya
 Niklas Berge, Sweden
 Niels Madsen, Malaysia
 Heinz Kopetz, Austria
 Benard Muok, Kenya
 Judi W. Wakhungu, Kenya
 Karin Haara, Sweden
 Nicolas Gatenby, Australia
 Koike Koichiro, Japan
 Ernst Scheiber, Austria
 Kaisu Annala, Finland
 Ahidjo Hammandikko, Nigeria
 Ikeme Chinwe Hope, Nigeria
 Abdulazeez Olarewaju Tajudeen, Nigeria
 Douglas Bradley, Canada
 Hubert Grienberger, Switzerland
 Nataraja, India
 Ohno Kosuke, Japan
 Noel Carrillo Avila, Mexico
 Klemens Unger, Austria

Official supporter

Andritz Group AG

Silver Supporter

Viking Heat Engine AS
 KWB

5. Financial report

World Bioenergy Association would like to gratefully acknowledge financing for the WBA from the Austrian Government, Official Supporter of WBA, Andritz, Silver supporter of WBA, Viking Heat Engine and KWB and donations from Raiffeisen Klimatinitiative, BioWärme, Agrana and LKÖ during 2012.

The primary funding to the WBA is aimed to be from members, sponsors, donors, projects, BioenergyConnect and sustainability label.

Building a new global organisation is a major challenge, especially in securing the financial backing in its early stages. Therefore also in 2013 we have to work hard to broaden the financial basis.

Stockholm 2013-02-14

Board members below have signed the Annual Report 2012.

Heinz Kopetz, President Sribas C. Bhattacharya

Douglas R. Bradley Albert Binger

Judi W. Wakhungu Jennipher Handoondo

Andrew Lang Kai Johan Jiang

Laércio Couto Tanay Sidki Uyar

Michael J. McAdams

My audit report has been submitted and signed 2013-03-28

Heléne Ragnarsson,

Authorized public accountant

WBA'S MAIN PURPOSES:

1. Spread information about the possibilities being available by utilization of the great amount of biomass resources. Visualise how these possibilities could be realized by showing different models suitable for different growing conditions and different socio economic conditions, etc.

2. Develop sustainability criteria that guarantee that bioenergy could be supplied without threatening food and feed supply, water supply, rainforest and biodiversity and economic growth.

3. Spread knowledge and technology
 Capacity building and technology transfer by BioenergyConnect a web-based communication and business platform.

To learn more and apply for membership, please visit:

worldbioenergy.org »

BIOENERGY MAGAZINE ISSUE 5



– SPECIAL FACT SHEET EDITION

Throughout 2012 and 2013 the WBA has been publishing a series of authoritative fact sheets designed to educate and inform policy makers as well as provide an authoritative reference tool to facilitate companies across the bioenergy industry.

With exclusive distribution at top level events globally, including the COP 19 Warsaw, November 2013, the WBA's premier publication entitled 'Bioenergy' will bring together these fact sheets for its special 5th edition.

This special issue will have the largest distribution to date targeting an exclusively senior audience around the world at more than 5 leading global conferences and policy events.

The WBA is calling on its network for financial support for this publication with the offer of premium advertising space in return. Due to the nature of this publication advertising places have been strictly limited and will come on a first come – first served basis.

To discuss this opportunity for your company, or to request a media pack, please contact Andrew Potter – WBA Director of Communications:
Andrew.potter@worldbioenergy.org or by calling +44 (0) 207 713 6028

To view the fact sheets please visit our website
www.worldbioenergy.org

