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Fresh Air

Issue 5
2010

EVENTS

Sept 1-2, 3, 6

SANGONET: FUNDRAISING IN THE DIGITAL WORLD CONFERENCE/ SOUTH AFRICAN NGO WEB AWARDS 2010

MAIN EVENT: 1-2 SEPT, JOHANNESBURG

1 DAY SEMINAR: 3 SEPT, DURBAN

1 DAY SEMINAR: 6 SEPT, CAPE TOWN

Ph: +27 11 403 4935

dbarnard@sangonet.org.za

Sept 2-5

SOLTEC

HAMELN, GERMANY

Ph: 49 571 2 9150

kontakt@rainer-timpe.de

Sept 6-10

25TH EUROPEAN PHOTO-VOLTAIC SOLAR ENERGY CONFERENCE

VALENCIA, SPAIN

Ph: 49 89 720 12 735

pv.conference@wip-munich.de

Sept 9-11

PV ROME MEDITERRANEAN ROME, ITALY

Ph: 39 02 6630 6866

info@zeromission.eu

Sept 16-19

4TH INTERNATIONAL SOLAR CITIES INITIATIVE (ISCI) CONGRESS 2010 - Dezhou, China

Ph: 86 534 22396 29

jwsjk@sina.com

Sept 20-21

12TH RENEWABLE ENERGY FINANCE FORUM - London

Ph: 44 207 779 8995

ener-gvevents@euromoneyplc.com

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NEWS FROM AFRICA

South Africa—Energy plant proposes the first ever commercial wind power plant

Eskom proposes the first ever commercial scale Concentrating Solar Plant in sub-Saharan Africa and the first utility-scale wind energy plant in South Africa under the Eskom Renewable Energy Investment Project.

More at:
<http://windfair.net/press/7793.html>

SA Wind Farm Delayed over Ambiguous PPA

Mainstream Renewable Energy SA has announced that it has placed on hold the development of a major South African wind farm over the standard PPA that would ensure the scale of private power in the country. Read article at:

www.ae-africa.com/read_article.php?....

Egypt—Wind Power project awarded to GL Garrad Hassan

EETC has signed a Contract with GL Garrad Hassan to provide technical assistance for the 250 MW Gulf of Suez BOO Wind Energy Project. GL Garrad Hassan will install on-site met masts to conduct wind speed measurements. Read article at: <http://windfair.net/press/7741.html>

(Continue on page 2)

BLOWING IN THE WIND



Dear Members
and
Friends of AfriWEA,

In May this year AfriWEA hosted the Wind Power Africa 2010 Conference and Exhibition at the Cape Town International Convention Centre. The Conference acted as an unofficial launch of this vibrant industry on the African continent. It was decided to hold this event every year, striving to expand its reach to all corners of Africa. Next year's Wind Power Africa Conference and Exhibition is already scheduled to take place on 11-13 May 2011 in Cape Town.

At the conference one of the key barriers highlighted by several speakers were the lack of skills development and technical training programs in Africa.

It is therefore with great pleasure to welcome Mr Bob Bond of Tshwane University in Pretoria, who volunteered to undertake the important task at AfriWEA to develop and implement concepts on skills development for the wind industry, especially in the field of developing, erecting, operating and maintaining of wind electricity generator projects.

After the significant successes of the industry in North Africa, Sub-Saharan Africa is poised to get out of the starting blocks now. South Africa no doubt will be the gateway to the North and its government announced that the long awaited Independent Power Purchase Authority outside ESKOM will be in place by April 2011. Also the Distribution of electricity will be separated and operated independently from Transmission and Generation.

The timing could not be better: the local currency is very strong to purchase at favourable cost wind farm equipment from Europe where business has temporally declined. Turbines are readily available from competitive supply sources.

Hopefully in December 2011 when the United Nations Climate Change Summit is held in South Africa there will be many building sites of wind farms in progress.

AfriWEA stands behind the efforts that came out of this year's WPA, and prompts their membership and other wind energy proponents to think well beyond South Africa. Delegates from Libya, Egypt, Ethiopia, Senegal, and Nigeria reminded the audience that wind energy can be a 'continental' business in Africa. Best practices need to be shared across borders, and collectively the industry can push regional bodies such as the Development Bank of Southern Africa, the African Union, NEPAD and SADC to create an enabling environment for wind energy, both small and large-scale, across the continent.

On today's count AfriWEA numbers 888 members and associates in 73 countries, of which 32 countries are in Africa.

Please do not forget to diarise 11,12 and 13th of May 2011 for the WIND POWER AFRICA 2011 CONFERENCE AND RENEWABLE ENERGY EXHIBITION at the Cape Town International Conference Centre.

[For more information on the WPA conference and this year's speakers please visit: www.windenergyafrica.com]

Yours faithfully,

Hermann Oelsner (President)

NEWS FROM AFRICA

(from page 1)

Solar Africa - An epic cycling trip through the heart of Africa to promote renewable energy.

On the 23rd of August, Rick de Gaay Fortman, left South Africa to cycle 7,000 km from Cape Town to Nairobi. Along the way he will visit renewable energy projects in South Africa, Namibia, Botswana, Zambia, Malawi, Tanzania, Rwanda, Uganda and Kenya. The goal of the journey is to raise awareness for renewable energy and raise funds (€ 50,000 euro) to provide 20 schools in Zambia with solar energy, supporting the education of more than 4,000 children. Every donation is welcome and will go directly to Solar Aid (<http://solar-aid.org>) You can sponsor a fixed amount, or by km. To donate, visit <http://www.solarafrica2010.org/donate> and click on the JustGiving widget, which will take you to a simple, fast and secure portal where you can pay by credit card.

Kenya wind project has plenty of cash pledges.

(Reuters) - Lake Turkana Wind Power (LTWP), which is planning a 300 MW wind development in Kenya, has more than enough pledges for the 560 million euro project but is yet to confirm lenders, a director said.
Read article at: www.reuters.com/.../idUSTRE67B3Y820100

Africa—Wind farm in Antsiranana, Madagascar

The Wind Farm is a first step in a larger program: The goal is to provide the entire island, which is located in the Indian Ocean, with power from wind turbines of the highest quality. In Madagascar, power is currently produced through the combustion of diesel and oil, which leads to CO2 emissions and heavy local air pollution. Full article at: www.windfair.net/press/7728.html

Mozambique to Complete Wind Farm Mapping by 2011

(Bloomberg) - Mozambique is planning to complete mapping areas for creating wind farms and the installation of solar panels for the production of electrical energy by 2011, state run news agency de Informacao de Mocambique reported, citing Energy minister Salvador Namburete. Article at: www.businessweek.com/.../mozambique-to-complete-wind0farm-mapping

Tanzania—Wind power development—History, present and future

Wind energy development in Tanzania started about 3 decades ago when some windmills were installed at several locations in the country to pump water to human and animal consumption in a few cases for irrigation. Read more at: www.windfair.net/press/7878.html

Morocco launches the largest wind farm in Africa

The King of Morocco Mohammed VI inaugurated a 250 million euros wind farm near the Moroccan City of Tangier, which is by far the largest wind farm in Africa. The new wind farm, which will cost about \$ 300 million, is in Melloussa, north of Tangier and has 165 wind turbines with a 140 megawatt wind power.
Read article at: www.moroccoboard.com/.../1076-morocco

PUBLICATIONS

Guideline for certification of Wind Turbines ,Edition 2010

https://www.gl-group.com/wind_guidelines/wind_guidelines.php?lang=en

EVENTS

Sept 21-25

HUMUM WIND FAIR
HUSUM, GERMANY
Ph: 49 (0) 4841-902-104
rademacher@messehusum.de

Sept 30– 1 Oct

GLOBAL CLEANENERGY FORUM
LISBON, PORTUGAL
Ph: +44 (0) 20 7061 3514
jestroebel@iht.com

Oct1

ZERO RALLY AFRICA
Ph: +44 208 864 4207
info@zerorallyafrica.com

Oct 6-7

EBEC-EUROPEAN BIOENERGY EXPO
AND CONFERENCE
STONELEIGH, WARWICKSHIRE
Ph: +44 (0) 208 846 3792
sales@biofuelsmedia.com

Oct 6-8

2ND ANNUAL GLOBAL RENEWABLE
ENERGY EXPO NETWORKING SUMMIT
NEW JERSEY, USA
Ph: 914-693-4635
info@greensummitxpo.com

Oct 13-16

WINDTECH ISTANBUL
ISTANBUL, TURKEY
Ph: 90 216 518 0397
simge@goca-exhibitions.com

Nov 18-19

POWERING AFRICA: THE GAS OP-
TION
Ph: +44 (0) 20 8547 0698
jenni@energynet.co.uk

Nov 24-27

CHINA INTERNATIONAL GREEN IN-
DUSTRY EXPO 2010
BEIJING, CHINA
cigie2010@mofcom.gov.za

Dec 6-9

AFRICAN POWER INDUSTRY CON-
VENTION (WAPIC)
LE MERIDIAN HOTEL, DAKAR, SENE-
GAL
Ph: +27 21 700 3500
[www.spintelligent-
events.com/wapic2010/en/
index/php](http://www.spintelligent-events.com/wapic2010/en/index/php)

NEWS FROM ELSEWHERE

Germany—Further improvement in wind power Nordex's business in the second quarter

In the first half of 2010, the wind energy Nordex Group generated of EUR 350 million (previous year: EUR 513 million). This performance was in line with the company's expectations as order books had shrunk by 35 percent to around EUR 2 billion in 2009, due to shortfalls in the project finance provided by banks in the wake of the financial market crisis.
For more information see: www.windfair.net/press/7819.html

Hawaii—First Wind begins construction of Oahu-based Kahuku Wind Project

First Wind, an independent U.S.-based wind energy company, held a groundbreaking ceremony to commemorate the start of construction of its 30 MW Kahuku Wind project, the only utility-scale wind energy project on Oahu and one of the largest in Hawaii.
Read article at: www.windfair.net/press/7716

Vestas Climbs as Largest Turbine Maker wins Australian Wind Farm Contract

Vestas CEO Ditlev Engel signed a contract for the delivery of 140 V112-3.0 MW Turbines for the account customers AGL Energy Limited and Meridian's 420 MW Macarthur project, located in Australia. Read more:
www.worldofrenewables.com/.../vestas_climbs_as_largest_turbine_maker

Firms paid to shut down wind farms when the wind is blowing (UK)

Energy firms will receive thousands of pounds a day per wind farm to turn off their turbines because the National Grid cannot use the power they are producing. Full article: www.telegraph.co.uk/earth/energy/windpower/7840035/firms-paid-to-shut-down-wind-farms.html

Vestas—Global University Programme

The Independent research being conducted at universities inspires and contributes significantly to the creation of innovative wind power solutions. Therefore, as the technology leader in the wind power industry, we are developing a community of researchers focused on finding innovative solution to the wind power challenge. The Global Universities program provides sponsorship and support for talented wind power researchers and engineers at universities worldwide.

As a member of the Global Universities program you will be challenged in different work situations and cultures as you carry out your projects. On completion of your project there is strong potential for development into a future Vestas key employee in one of the Vestas Technology R & D units in Europe, US and Asia.

Read more: www.vestas.com/en/jobs/education-and-research/global-university-program.aspx

Small wind applications benefited rural communities in the United States

This website is primarily tailored for individuals or communities pursuing development of a community-based wind project up to 10 MW in size. <http://nwcommunityenergy.org/wind>

SOMETHING MISSING HERE?

This is your Association's newsletter. Is there something you would like to write for us or have us include in next month's edition?

Please email any suggestions or postings to office@afriwea.org.

EMERGING TECHNOLOGY

Permanent Magnet Generator Wind Turbine

WINDPOWER INNOVATIONS INC., Announces Permanent Magnet Direct Drive wind turbine solutions as a key component in its overall mission to provide unique and efficient ways for the wind industry to economically transition into its eminent future.

It's a smart technology that can sense variable load demands and automatically adjust power output. By eliminating gearbox maintenance and most importantly, failure, all of our nearly 100 permanently magnet solutions provide increased up-time with 75% less upkeep and repair.

Read more at: http://www.worldofrenewables.com/renewables_news/wind_energy/wind-technology-innovation/windpower_innovations_inc_announces_permanent_magnet_generator_w.html

FORT HARE UNIVERSITY— GREEN PROJECTS

Fort Hare World Student Community for Sustainable Development (Fort Hare WSCSD) is a globally affiliated student organization based at the University of Fort Hare, operating under the auspices of the global World Student Community for Sustainable Development (WSCSD). The WSCSD itself is a multi-disciplinary network of motivated students with the ability to think and act both locally and globally, and who share the vision to make a difference. Its purpose is to be a leading international student organization that carries out meaningful GREEN projects which result in positive and enduring changes that improve lives and communities around the world. (www.wscsd.org)

Fort Hare is seeking support on their 2010 activities as follows:

1. SPREADING THE SUSTAINABLE DEVELOPMENT MESSAGE TO SCHOOLS:

Weekly visits from September to the end of the year. The major problem with the concept sustainable development in South Africa is that it remains a relatively very new and strange issue to a majority of people. Even quite a significant number of University students cannot really appreciate the importance of sustainable practices.

2. CLEAN RIVERS CAMPAIGN: 25 September 2010

Cleaning of a river that is adjacent to the University (Tyume River) especially areas adjacent to the Alice town as an environmental awareness campaign. What prompted us as students to go for this project is a very clear understanding of the importance of the river to the Communities around it for various purposes ranging from drinking, washing and vegetable and livestock production among other.

3. THE GREEN DAY CAMPAIGN: 10 October 2010

The 21st Century is abound with huge problems revolving climate change, environmental degradation, threatened biodiversity (fauna and flora) and an increase in environmentally related disease such as lung cancer.

4. 3rd ANNUAL SUSTAINABLE DEVELOPMENT WORKSHOP: 20 October 2010

This sustainable development workshop offers an opportunity to University students, academics, researchers, non Academics and other interested stakeholders to have a one-day gathering of sharing information and ideas on the issue of sustainable development.

Help sought with:

The organization would very much welcome the following contributions from your organization:

1. t-shirts (preferably inscribed in WSCSD logos)
2. Some work-suits/ overalls and few green Helmets (to use on our projects like river cleaning and tree planting)
3. Books, pens, satchels/ bags; diaries (to distribute to schools as prizes on our school green workshops_
4. Any environmental magazines/ Posters to use on the Green Day and Sustainable Development Conference
5. Assistance in cash/kind towards the Sustainability Conference and Green Day
6. Trees for the Tree planting Projects .
7. Any other Green related support you might be able to provide

Please contact: **Tendai Mariri** on: tmariri@ufh.ac.za or tendamariri@yahoo.co.uk

EMPLOYMENT SECTION

RENEWABLE ENERGY MANAGER (JOHANNESBURG)

Click on this link to view ad: www.bestjobs.co.za/bt-jobd-mattsiv-21444.htm

Email applications to: davide@siv.co.uk

RENEWABLE ENERGY ADVISOR (GHANA)

Apply at: www.caglobal.co.za/jobdetail.php?cid=19&cid=3099&jid=3615

PROJECT DESIGN CONSULTANT (SEYCHELLES)

Apply before 21/09/ 2010 at: www.stopdodo.com/environment-jobs/project-design-lead-consultant.15690.html

RENEWABLE ENERGY ADVISOR (GHANA)

Apply at: www.staffmarine.com/jobs/job/mining/2010-05-14/5769??action=search&offset=440

PORTFOLIO MANAGER—RENEWABLE ENERGY (CAPE TOWN)

Visit: www.bestjobs.co.za/bt-jobd-wesgro-121516.html or email applications to vanancies@wesgro.co.za

RESEARCH, PAKISTAN

RESEARCH

RESEARCH is the voice of the renewable energy sector in Pakistan. RESEARCH is the first legal entity of the RE sector with a team of renewable energy experts, social scientists, private investors, social workers and the representation from consumers to work on the formation of standards and to design research activities on renewable energy products. RESEARCH is also committed to set guide lines to develop a base line data RC for donors and government agencies to improve the level of awareness for environment friendly energy in Pakistan.

RESEARCH is also carrying out the Donors Support Programs to give the donors direct approach to grass root levels to act. RESEARCH for this have a team of professionals to execute micro and mega level energy and social projects and to facilitate donors as operational partner. A true representation of civil society, a set of professional social workers and a grass root level networking of partner and associates, NGOs, CBOs and community network and members are in the work force of RESEARCH for Donor Support Programs to successfully execute.

Contact: Iftikhar Ahmad Qaisrani (Secretary General RESEARCH)

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