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Fresh Air



The Management Team of African Wind Energy Association would like to thank all the members and friends of AfriWEA for their loyal support through the year. We wish you a Merry Christmas and wonderful New Year.

The AfriWEA offices will be closed for the festive holidays from 16 December 2011 until 09 January 2012.

NEWS FROM AFRICA

CLIMATE CHANGE: Durban or bust—the Trans-African Caravan of Hope

“Hearing their sad tales of how climate change has shattered their lives was heart-breaking. One thing that came out clearly in all the countries we visited is that climate change is real and it is here with us. It is the reality of our lives and the sooner action is taken the better; otherwise, our survival is at stake. Read article at: <http://www.irinnews.org/report.aspx?ReportId=94372>

Africa’s shrinking forests need urgent help, climate change talks hear

Forests take up a huge amount of the continent, but are one of Africa’s most misunderstood and undervalued natural resources. At a discussion on deforestation at the climate, or **COP 17**, in Durban, delegates learned that forests account for 23 percent of Africa’s land area. The largest are the forest ecosystems of the Congo Basin and Upper Guinea. Read more at: <http://www.afdb.org/en/news-and-events/article/africas-shrinking-forests-need-urgent-help-climate-change-talks-hear-8658/>

Madagascar squares up to ‘extreme’ climate vulnerability

The North Plant – a project included in the second phase of construction of the Cahora Bassa Hydroelectric Dam (HCB) – will be finished by 2013, says HCB executive Gildo Sibumbe. Read article at: <http://www.esi-africa.com/node/13928>

BLOWING IN THE WIND



Dear Members and Friends of AfriWEA,

THE BIG AWAKENING OF AFRICA WIND POWER GENERATION

Presently installed capacity in Africa has with Egypt, the continent's wind power leader, a mere 550 mega-watts (MW), Morocco has 286MW and Tunisia has 114MW. South Africa, Cape Verde, Israel, Lebanon, Nigeria, Jordan and Kenya combined only have 32MW of wind power. According to the Global Wind Energy Council, wind project development is slowly but firmly under way in Ethiopia, Kenya, Tanzania and South Africa.

There is no doubt that South Africa with its well developed infrastructure and industries will be the gateway to Sub-Saharan Africa. Ninety percent of South Africa's electricity needs are generated from coal with the remaining 10% met by nuclear, natural gas, hydro and renewable energy sources. However, South Africa's integrated resource plan envisions that in 20 years 42% of all new electricity capacity will be from renewable energy projects.

Department of Energy announced in Durban its bidding process round 1 result on 8th of December at COP 17, there are 18 PV projects (total 632MW), 2 CSP projects (total 150MW), 8 wind projects (total 643MW). Please note enclosed ROUND1 result today.

No	Developer	Project name	Capacity	WTG supplier
1	BTE	Dassieklip	26.19	Sinovel
2	Metrowind	Metrowind	26.19	Sinovel
3	Macquarie	Hopefield	65.4	Suzlon
4	SARGE	Noblesfontein	72.75	Vestas
5	Redcap	Redcap	77.6	Nordex
6	Rainmaker	Dorper	97	Vestas
7	Mainstream	Jeffreys bay	133.86	Siemens
8	Macquarie	Cookhouse	135	Suzlon
Total			633.99	

It was indicated that there will be more than 3500MW wind farm projects submitted in the second bidding round in March 2012.

Yours faithfully,
 Hermann Oelsner (President)

NEWS FROM ELSEWHERE

Enel: More new wind capacity in Iberia

Italian energy company Enel SpA says it is increasing its wind power resources in the Iberian Peninsula with 66 megawatts of new generating capacity. Read more at: http://www.winddaily.com/reports/Enel_More_new_wind_capacity_in_Iberia_999.html

Denmark Offers Viet Nam Assistance on Wind Power

The European nation also plans to transfer technology and supply necessary equipment for Viet Nam's wind power industry. Danish experts made the commitment at a workshop jointly held by the Ministry of Industry and Trade (MoIT) and the Danish Embassy in Hanoi yesterday.

Read article at: <http://www.thebioenergysite.com/news/10064/denmark-offers-viet-nam-assistance-on-wind-power>

Switzerland commits USD20 million to AfDB for increased access to water and sanitation in rural Africa

"The AfDB welcomes this second contribution from the Swiss Agency for Development Cooperation. It is a testimony to the important role that the Rural Water Supply and Sanitation Initiative plays in accelerating access to basic water and sanitation services," said Sering Jallow, director of the AfDB's Water and Sanitation department and the African Water Facility.

Full article at: <http://www.afdb.org/en/news-and-events/article/switzerland-commits-usd20-million-to-afdb-for-increased-access-to-water-and-sanitation-in-rural-africa-8597/>

[switzerland-commits-usd20-million-to-afdb-for-increased-access-to-water-and-sanitation-in-rural-africa-8597/](http://www.afdb.org/en/news-and-events/article/switzerland-commits-usd20-million-to-afdb-for-increased-access-to-water-and-sanitation-in-rural-africa-8597/)

Spain overtakes US with biggest Solar Power Station

UK - Renewable generation company Eco2 has unveiled plans to build a 40MW capacity biomass power plant that will use straw to generate electricity in southeast England.

EMERGING TECHNOLOGY

Advantex® SE2020 reinforcements deliver game-changing solutions for epoxy resin systems in vacuum infusion and prepreg processes

3B-the fibreglass company announces today the introduction of a renewed range of reinforcements each designed for specific resin systems and engineered to provide optimum performances for the manufacture of wind turbine blades.

The first product in the series to be revealed is Advantex® SE2020 a new single-end roving specifically engineered for epoxy polymer systems utilized in resin infusion or prepreg processes.

Luc Peters, 3B Wind Energy Technical Product Manager: "At 3B we focus on understanding the needs of wind energy OEMs by working hand in hand with the designers, the weavers and ultimately the manufacturers of turbine blades. <http://www.3b-fibreglass.com/advantex/>



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

EVENTS

AFRICA ENERGY INDABA

Sandton Convention Centre,
Johannesburg
21 - 23 February 2012

Adopted by the World Energy Council (WEC) as the African regional event of the WEC.

Contact: Celine de Canha, Siyenza
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deline@siyenza.za.com

POWER AND ELECTRICITY WORLD AFRICA

Sandton Convention Centre,
Johannesburg
26 - 29 March 2012

Incorporating 12 shows, you will find all of Africa's energy stakeholders together under one roof.

Contact: Sean testa
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4TH WIND POWER AFRICA CONFERENCE AND RENEWABLE ENERGY

Cape Town International Convention Centre
28 - 30 May 2012

The fourth Anniversary of Wind Power Africa is a manifestation of the importance of wind energy in Africa. The Conference will be accompanied by an attractive Renewable Energy Exhibition which will support the transfer of information in this specific market.

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