

## AFRETEP Project Newsletter of the 11<sup>th</sup> January 2012

15/12/2011

AFRETEP:

### Southern Africa Region AFRETEP Project Workshop

The Joint Research Center of the European Commission is seeking candidate trainees for the Southern Africa Region workshop on the application of the renewable energy to rural electrification.

The initiative is financed by EuropeAid Development and Cooperation, Directorate-General of the European Commission.

The Southern Africa Region workshop will take place in the Southern Africa Region, in February 2012. The working language will be English.

Please, find attached open call.

### WG and EUEI NEWS & EVENTS

11/01/2012

CPS Today of London:

### Indian CSP Powers Towards National Solar Mission Targets

It was announced last week that the Indian state of Rajasthan is accepting bids from solar developers for 2X50MW of new solar thermal projects. This will amount to 100MW of solar thermal capacity that will be awarded on a competitive basis ... [read more](#).

06/01/2012

CPS Today of London:

### CSP Today India 2012

Now in its third year, the leading CSP event in India will provide you with your road map for CSP market dominance, by hearing from international developers, EPC Groups and service providers, as well as financial and government institutions, on the topics that matter to you ... [read more](#).

06/01/2012

CPS Today of London:

### C-Si and the Chinese Market: recent webinar shows experts opinions

Just before the end of the year, this notion was touched upon in the webinar 'Thin Film Competitiveness: Facing up to rising competition from China and C-Si' hosted by PV Insider. The ways in which Thin Film need to conform in the coming years to maintain survival were discussed by three key industry figures: Ulrich Becker of First Solar, Chris O'Brien of Oerlikon Solar, and Paula Mints of Navigant Consulting ... [read more](#).

15/12/2011

CPS Today of London:

### CSP India Map 2012 unveiled by CSP Today

Hours of research has resulted in the general release of the CSP India Map 2012 that details the size and location of plants that are currently operating, under construction or planned in India. Additionally, the map lists key information for projects developed under the JNNSM, including the fixed tariff rate per KW, the EPC contractor for each plant and the type of CSP technology being used in an easy-to-read format ... [read more](#).

13/12/2011

**CPS Today of London:**

### **Indian CSP - Concentrating efforts to meet the JNNSM deadline**

In December 2010 the Phase I bidding process of the Jawaharlal Nehru National Solar Mission (JNNSM) in India was completed with more than sixty companies submitting bids. The reverse bidding mechanism that was introduced under the JNNSM meant that solar projects were awarded to the lowest bidder regardless of their previous experience in developing CSP plants. It is now widely agreed that Phase I resulted in aggressive bidding on the part of project developers in India, which saw a total of 470MW awarded to local players ... [read more](#).

05/12/2011

**AFRETEP:**

### **25 African Energy Experts received certification from the AFRETEP 2nd REGIONAL WORKSHOP**

The workshop, organised by the AFRETEP project, was held in Ouagadougou, Burkina Faso from 7<sup>th</sup> to 11<sup>th</sup> November. The workshop took place in the installations of the 2iE Foundation, and included a visit to the BELWET industry, bio carburant and plantation ... [read more](#).

01/12/2011

**AFRETEP:**

### **PRE-FEASIBILITY STUDY FOR THE ESTABLISHMENT OF A PRE-COMMERCIAL CONCENTRATED SOLAR POWER PLANT IN NAMIBIA**

"The Pre-Feasibility Study for the Establishment of a Pre-Commercial Concentrated Solar Power Plant in Namibia is funded by the MINISTRY FOR FOREIGN AFFAIRS OF FINLAND through the ENERGY AND ENVIRONMENT PARTNERSHIP WITH SOUTHERN AND EASTERN AFRICA (EEP S&EA), and the MINISTRY OF MINES AND ENERGY OF NAMIBIA, to identify the most viable site for installation of a Concentrating Solar Power (CSP) technology and the appropriate technology for energy generation." ... [read more](#).

23/11/2011

**Pilot international:**

### **World Clean Technology Summit (WCTS) 2012**

The World Clean Technology Summit will bring together world leaders in renewable energy, exhibitors, investors, scientists and clean technology providers from around the world to engage, interact with each other, exchange business contacts, forge partnerships, and pave a way forward for a sustainable future ... [read more](#).

07/11/2011

**CPS Today of London:**

### **Solar Power Group takes a creative approach towards cost reduction to power the CSP industry ahead**

Still dependent on subsidies and feed-in tariffs, the CSP industry needs to find creative ways to become more competitive within the renewables sector. CSP Today spoke to Mauricio Rojas, Head of Business Development at Solar Power Group, on the potential of hybridisation as a viable way to further market share ... [read more](#).

02/11/2011

**CPS Today of London:**

### **International CSP Today Awards 2011**

The International CSP Today Awards are granted to companies that excel in the industry and truly deserve an award for their contribution towards pushing CSP further down the competitive route. This event is organised every year in conjunction with the International Concentrated Solar Thermal Power Summit, which will take place on the 29-30 of November with over 700 attendees from around the world ... [read more](#).

01/11/2011

**CPS Today of London:**

### **Landmark week for CSP in South Africa**

On Friday 4th November the IPP Procurement Programme in South Africa will see the deadline for the first round of bids. The IPP programme has been designed to contribute towards the target of 3 725 megawatts of renewable energy and towards

socio-economic and environmentally sustainable growth. The vision is to start and stimulate the renewable industry in South Africa. There is a lot of pressure for developers to not only provide the most competitive option but meet a stringent list of conditions ... [read more](#).

**31/10/2011**  
**CPS Today of London:**

### **How Gemasolar changed the landscape for CSP**

Santiago Arias remembers the reaction he got when people found out his company was looking into CSP storage at a SolarPACES conference six years ago ... [read more](#).

**26/10/2011**  
**CPS Today of London:**

### **PV technical challenges to be tackled by experts in San Jose**

The 2nd Utility Scale PV Plant Optimization Summit USA is only three weeks away, taking place on the 17-18th November at the Convention Plaza Hotel in San Jose ... [read more](#).

**26/10/2011**  
**CPS Today of London:**

### **Thin Film Module Manufacturers Directory 2011-2012 unveiled by PV Insider**

Researchers at PV Insider have completed work on the Thin Film Module Manufacturers Directory 2011-2012, as part of the launch of the 4th Annual Thin Film Solar Summit Europe ... [read more](#).

**25/10/2011**  
**CPS Today of London:**

### **Thin film investments and opportunity in India with the IFC**

Last week PV Insider spoke to Joseph Hudgins of the International Finance Corporation (IFC) about the drivers behind thin film investment decisions and how the Indian PV market can take off ... [read more](#).

**20/10/2011**  
**CPS Today of London:**

### **Nominations for the International CSP Today Awards open**

The International CSP Today Awards are granted to companies that excel in the industry and truly deserve an award for their contribution towards pushing CSP further down the competitive route. This event is organised every year in conjunction with the CSP Today Sevilla Summit, which will take place on the 29-30 of November with over 700 attendees from around the world ... [read more](#).

**19/10/2011**  
**CPS Today of London:**

### **Growing a local concentrated solar thermal power economy in South Africa**

In recent months South Africa has seen a dramatic change in its energy policy as the Department of Energy, NERSA and Eskom have taken steps to move to a renewable energy future. On November 4th the Independent Power Producer bidding process for the first 200MW of CSP will close, leaving many anxious developers waiting until COP17 to find out if their project has won the tender ... [read more](#).

**17/10/2011**  
**CPS Today of London:**

### **Top industry experts set to gather at Thin Film Summit in Berlin**

PV Insider announce that 'Busting the Myths' will be the main focal point of the 4th Annual Thin Film Solar Summit Europe (5-6th March 2012, Berlin), helping to steer the thin film industry out of confusion and fear towards reality and promise ... [read more](#).

**13/10/2011**  
**CPS Today of London:**

### **Industry survey reveals bankability as principal hurdle for concentrated photovoltaics**

In a recent industry survey, PV Insider have identified bankability as the biggest challenge facing

companies working in concentrated photovoltaics ...  
*read more.*

**12/10/2011**

**CPS Today of London:**

### **Innovations in monitoring & field control pave the way for PV plant optimization**

With large-scale PV development taking shape in the United States, maximizing the output of utility scale PV plants is vital for developers and utilities alike. The critical drivers for utility scale projects lay in the increasing size of plants, the need to export the majority of the generated energy directly to the grid, and the much higher revenue generation compared to smaller commercial systems ... *read more.*

**12/10/2011**

**AFRETEP:**

### **32 African Energy Experts received certification from the AFRETEP 1st REGIONAL WORKSHOP**

The workshop, organised by the AFRETEP project, was held in Kampala, Uganda from 3<sup>rd</sup> to 7<sup>th</sup> October. The workshop took place in the installations of the Makerere University, and included a visit to the gasifier installations of Kakira Sugar ... *read more.*

**11/10/2011**

**CPS Today of London:**

### **The alternative to coal in South Africa**

Forget green energy: while most nations are concerned about carbon reduction, South Africa seems more worried about how quickly it can build coal-fired power plants. The top two new generation projects in the country are coal-based ... *read more.*

**10/10/2011**

**CPS Today of London:**

### **Light at the end of the tunnel for the US PV market**

The demand for PV projects in the United States has been rapidly expanding over recent years as a result of falling module prices, stimulus funding and new regulatory incentives from congress. However,

recent happenings, both political and commercial, have formed a dark cloud over the future of the PV market in the country. In 2009 U.S. President Barack Obama launched the American Recovery and Reinvestment Act, which included more than \$70 billion in direct spending and tax credits for clean energy. However, increasing pessimism surrounding the US economy has put into question the future of renewables in a country more concerned with ridding itself of its national debt. Furthermore, the recent bankruptcy of American manufacturer Solyndra, and the subsequent FBI investigation into their misuse of federal loans, has created a climate of mistrust towards renewables ... *read more.*

**05/10/2011**

**CPS Today of London:**

### **Local challenges confronting the CSP market in South Africa**

Where are the definitive policy decisions? In order to facilitate the IRP, the Department of Energy (DoE) and the National Energy Regulator of South Africa (Nersa), have for several years been working on the promulgation of the country's renewable energy feed-in tariff (Refit) programme. The framework was completed last year with implementation expected this year ... *read more.*

**29/09/2011**

**CPS Today of London:**

### **The clouds are breaking: The financier's perspective of thin film post-Solyndra**

Peter Nieh, Managing Director of Lightspeed Ventures believes that the reaction to Solyndra's bankruptcy was overblown – as their investment Stion goes from strength to strength ... *read more.*

**28/09/2011**

**CPS Today of London:**

### **South African CSP: Weighing up the opportunity**

This month 800-plus green power professionals gathered at South Africa's largest conference centre, the Gallagher Estate, to hear about the country's forthcoming renewable energy tender ... *read more.*

26/09/2011  
CPS Today of London:

### Solar Tower Systems and Bosch Rexroth make inroads into the CSP industry

In the past two years, giant energy companies such as Siemens, GE, Alstom Power and Areva have made giant strides towards success in CSP. Not only has this increased much needed cash flow to the industry but has furthered confidence in CSP for other investors such as banks ... [read more](#).

26/09/2011  
AFRETEP:

### INTERNATIONAL CONFERENCE ON BIOFUELS IN AFRICA

The energy market breakthroughs and the first emerging African biofuel production projects have on one hand boosted the bioenergy sectors, and on the other hand revealed potential risks. The advantages of producing bioenergies locally should be enhanced compared to importing fuel products ... [read more](#).

21/09/2011  
CPS Today of London:

### CSP Today South Africa 2012

The focus of the summit is how to navigate the IPP market to build a successful & productive Concentrate Solar Power business in South Africa ... [read more](#).

### WG News

11/01/2012  
AFRETEP:

### New and updated GIS data

The collection of currently available GIS data contains **socio-economic data layers** (e.g. administrative areas, boundaries and names, data of population density, populated places, network infrastructure, African coverage of map of accessibility, map of international Diesel prices in 2008 and 2010, modeled data of estimated electricity production cost calculated for a 15kWp

off-grid PV system) and **physical geographical data layers** (e.g. Digital Elevation Model, river network, land cover) ... [read more](#).

10/01/2012  
AFRETEP:

### Madagascar, Loi des finances 2012 : nouvelles dispositions fiscales en faveur des énergies renouvelables

Chers tous, Meilleurs vœux pour l'année 2012. Il semblerait que l'année commence bien pour le secteur des énergies renouvelables à Madagascar ... [read more](#).

### WG Events

05/01/2012  
AFRETEP:

### The Energy and Environment Partnership Programme

The Renewable Energy & Energy Efficiency Institute (REEEI) of the Polytechnic of Namibia informs members about a renewable energy call for proposals: "The Energy and Environment Partnership Programme with Southern and Eastern Africa (EEP-S&EA or EEP, for short) seeks good quality and innovative project proposals concerning renewable energy and/or energy efficiency for grant part-financing. EEP is jointly funded by the Ministry for Foreign Affairs of Finland, the Austrian Development Agency and the UK Department for International Development (DFID) while the EEP Regional Coordination Office (RCO) is hosted by the Development Bank of Southern Africa (DBSA) in Midrand, Johannesburg, South Africa." ... [read more](#).

01/01/2012  
AFRETEP:

### PRE-FEASIBILITY STUDY FOR THE ESTABLISHMENT OF A PRE-COMMERCIAL CONCENTRATED SOLAR POWER PLANT IN NAMIBIA

"The Pre-Feasibility Study for the Establishment of a Pre-Commercial Concentrated Solar Power Plant in Namibia is funded by the ... [read more](#).



## WG Documents

10/01/2012  
AFRETEP:

9TH JANUARY 2012 NEWSLETTER

10/01/2012  
AFRETEP:

5TH JANUARY 2012 NEWSLETTER

19/12/2011  
AFRETEP:

15TH DECEMBER NEWSLETTER

19/12/2011  
AFRETEP:

13TH DECEMBER NEWSLETTER

15/12/2011  
AFRETEP:

Southern Africa Region workshop

"Please, find attached CV form ... [read more](#)"

06/12/2011  
innocentonah:

**Igniting Change: A Strategy for Universal Adoption of Clean Cookstoves and Fuels**

"A Dangerous and Unhealthy Reality. In an era of cell phones, satellites, and the Internet, it can often be hard to believe that almost half the world's population still cooks food, boils water, and warms their homes by burning wood, dung, other biomass, and coal in open fires or rudimentary cookstoves ... [read more](#)"

05/12/2011  
AFRETEP:

**PV TARGET MARKET APPROACH (PVTMA) OPERATIONAL**

"Our colleague Mr Grace BIRIKADDE of the Ugandan National Environment Management Authority shares the enclosed document ... [read more](#)"

17/11/2011  
AFRETEP:

**EU-Africa Infrastructure Trust Fund**

"Access to transport and communication services, water and energy is at the heart of reducing poverty and achieving sustainable economic growth. Europe and Africa are working together to bridge Africa's infrastructure deficit ... [read more](#)"

03/11/2011  
AFRETEP:

**Nigeria Alternative Energy Expo**

"Colleague Douglas Duncan inform us the First Nigeria Alternative Energy Expo was well attended by companies from 16 Countries ... [read more](#)"

03/11/2011  
Magda.Moner:

**A new support mechanism for renewable energies**

14/10/2011  
AFRETEP:

27TH SEPTEMBER NEWSLETTER

14/10/2011  
AFRETEP:

21ST SEPTEMBER NEWSLETTER

14/10/2011  
AFRETEP:

16TH SEPTEMBER NEWSLETTER

20/09/2011  
AFRETEP:

## African Green Energy and Environment Summit & Exhibition Lagos 2011

"With deep regrets, I'd like to inform you on the indefinite postponement of the African Green Energy and Environment Summit and Exhibitions that was scheduled for the 17th - 20th October 2011 ... [read more](#)"

23/08/2011  
AFRETEP:

## European Union support for the private sector

"Technical assistance, a development tool serving the private sector. European Union technical assistance is implemented at micro-, meso- and macroeconomic level to encourage growth and benefit different sectors of the population, including the poorest ... [read more](#)"

22/08/2011  
AFRETEP:

## 22ND AUGUST NEWSLETTER

22/08/2011  
AFRETEP:

## 19TH AUGUST NEWSLETTER

## WG Media Library

06/12/2011  
innocentonah:

## Indonesians light up with biomass stove

"Thousands of Indonesians are making their own contribution in the fight against climate change by cooking with a type of stove that does not use kerosene or gas ... [read more](#)".

24/09/2011  
Vianney Tumwesige:

## Waste to Energy

## WG Links

29/11/2011  
AFRETEP:

END-USE ACTIVITIES	ENERGY AT THE	EFFICIENCY EUROPEAN
COMMISSION JRC		

"Improving the efficiency with which energy is consumed by end-users is a central theme of energy policy within the European Community ... [read more](#)"

23/11/2011  
AFRETEP:

## Cape Verde Ocean Observatory

"Observation is fundamental to understanding global climate change. Atmospheric change impacts marine ecosystems, and the atmosphere is influenced by ocean physical and biogeochemical processes. Many impacts/feedbacks are focused in the Tropics. ... [read more](#)"

17/11/2011  
AFRETEP:

## EU-Africa Infrastructure Trust Fund

"To support the implementation of the Partnership, the EU-Africa Infrastructure Trust Fund (the Trust Fund) was launched in 2007 ... [read more](#)"

## WG pages

We remind you we have uploaded some interesting information in the Working group pages frame. You could find maps and data of solar radiation and PV in Africa and Europe, of African infrastructures, of global population and further. Moreover, you could access to the Photovoltaic Geographical Information System (PVGIS) of the Joint Research Centre (JRC) of the European Commission and download processed data of the JRC GIS.

The collection of currently available GIS data contains **socio-economic data layers** (e.g. administrative areas, boundaries and names, data of population density, populated places, network infrastructure, African coverage of map of accessibility, map of international Diesel prices in

2008 and 2010, modeled data of estimated electricity production cost calculated for a 15kWp off-grid PV system) and **physical geographical data layers** (e.g. Digital Elevation Model, river network, land cover) ... *read WG News 11/01/2012 AFRETEP.*

### **WG forums**

We would remind AFRETEP members about forum discussions:

1. AFRETEP workgroup website improvement.
2. Barriers and chances for renewable energy deployment
3. Energy solutions in rural Africa: working towards a continental scale methodology?