

November 1, 2011

An Interview with Mr Franky Fan is CEO, Chairman and Founder of Anwell Group



Mr Fan founded Anwell in 2000 with optical disc equipment and media business. Backed by Singapore Exchange-listed Anwell Group, SUNGEN was established in May 2008 in Hong Kong. SUNGEN focuses on the new generation thin film silicon PV technology and PV Solar Projects as well as the energy sector.

What is the vision ahead for a solar PV innovator?

Solar PV energy features very favorable attributes, such as the stability, scalability and abundant availability, to become one of the major energy sources in the world energy supply portfolio. To fully harness the Solar PV energy, it is not merely how much efficiency we can reach inside the laboratory, rather it is a comprehensive application that consists of R&D effort in material, production, installation, local conformity and financial engineering. In SUNGEN, we are penetrating into different segments in the PV Solar Energy by leveraging on the technology of the main component, PV Solar Modules. Our vision is to further enhance the competitiveness of Solar PV energy by improving the hardware and applications technologies.

Is it possible to achieve grid parity by 2014?

With the hardware price today, we believe that grid parity in most countries in the SUNBELT zone could be reached probably in 2013. The major obstacle today is actually on the financing side, especially under the current global financial threat. PV Power plant has very different investment and return pattern when comparing to fossil fuel and nuclear power plant, and this requires creative financial tools for this specific investment.

What should WEC think about?

When we look at the cost structure of Solar PV energy, the bureaucratic and financial costs account for higher portion gradually. Cost of hardware and installation could be efficiently adjusted by the market mechanism, while the financing cost highly depends on the policy and the role of authorities in the financing part. In this regard, WEC can bring authorities, power companies, financial institutes and project developers like SUNGEN together to create revolutionary ways to reduce the unnecessary cost in the PV plant realizations.

Which are the biggest policy obstacles?

The major concerns are the stability and consistency of the policy for Solar PV application, which also apply to other renewable energy sources. The stage of tremendous subsidy on PV Solar energy has come to an end, and the industry is looking for well-developed policies with the lowest cost of enforcement, which brings down the total cost and reveals the real competitiveness of the Solar PV energy. This will be a new page for Solar PV Energy.

WEC Debrief

1st Interactive Congress on Energy (CIE), October 11,12 and 13th, Buenos Aires 2011

The event was organized by the WEC Argentine Committee and the Argentine Petroleum and Gas Institute. The Congress took place in unison with the Latin American Oil & Gas Exhibition that alternates every two years between Rio de Janeiro and Buenos Aires. This Interactive Congress allowed participants to vote for the different issues, related to the theme, to be presented by the speakers, and to draw conclusions based on the resulting consensus.

Each of the three days of CIE was dedicated to a different subject. The first day focused on Climate Change and Sustainable Energy, the second day on Non-Conventional Hydrocarbons and the future of Coal, and the third day was devoted to Renewables and Nuclear.

In addition, there were round tables that specifically focused on energy in Latin America and the energy integration of the region. During the CIE closing ceremony Mr. Jung Soo Shin, Secretary General of the Daegu 2013 WEC Congress, invited the Latin American energy community to Korea for the World Congress.

Among the keynote speakers were some long-standing WEC friends like Alessandro Clerici and Barbara McKee plus some Argentine members of WEC.



From left to right: A. Clerici (ABB), J. S. Shin (Daegu O.C.), B. McKee (DOE), J. Ferioli (CACME), H. Fernández (CACME), R. Aguirre (Chevron Argentina)

WEC Agenda - We invite our members to attend the following events:

World Energy Council Spanish Committee Meeting:
“Energy and international scenarios: current situation and prospective analysis” November 8 2011

Venue: Hotel Intercontinental, Madrid
Organised by: WEC Spanish Committee Meeting
Contact: cecme@enerclub.es

Canadian Energy Forum: Atlantic Canada’s Diverse Energy Sources November 9 2011

Venue: Sheraton Hotel, St. John’s, Newfoundland and Labrador, Canada
Organiser: Energy Council of Canada
Contact: ivan.petrov@energy.ca

WEC Executive Assembly, Oran (Algeria)
November 20-24 2011

Secretary General: Mr. Smaïl Moussi
Email: cae2011@sonelgaz.dz

WEC World Energy Leaders’ Summit, Istanbul
April 19-20 2012

** Registration open soon**
Email: chandler@worldenergy.org

Further details can be found on WEC [Events Page...](#)

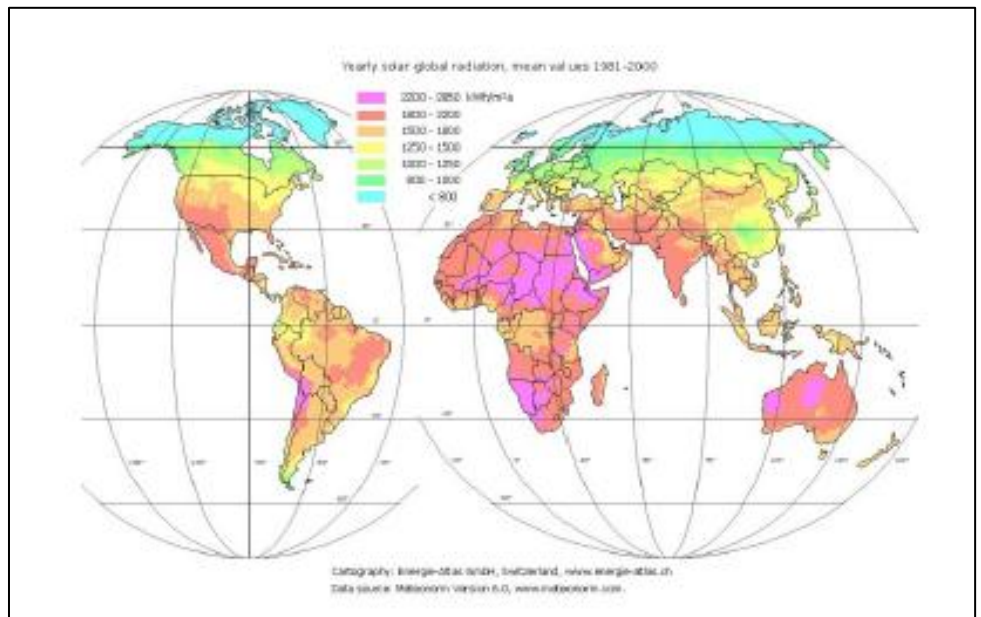
**** World Energy Council News ****

- Pierre Gadonneix, Chairman of the World Energy Council, has been appointed, as qualified expert, to join the “Energie Commission 2050” set up by the French Minister of Industry and Energy, Eric Besson, on 20th of October 2011. The Commission’s objective is to explore several possible scenarios for the future of the French energy system at horizon 2030-2050 and Mr Gadonneix will contribute invaluable findings as a result of the World Energy Council’s research on past and current energy scenarios .
- We are delighted to announce that PricewaterhouseCoopers have again signed as a Patron of WEC.

Inside Insight

Average yearly solar radiation, mean values 1981-2000

Solar energy is the most abundant permanent energy resource on earth and it is available for use in its direct (solar radiation) and indirect (wind, biomass, hydro, ocean etc.) forms. The sun emits energy at a rate of 3.8×10^{23} kW. Of this total, only a tiny fraction, approximately 1.8×10^{14} kW is intercepted by the earth, which is located about 150 million km from the sun. About 60% of this amount or 1.08×10^{14} reaches the surface of the earth. The rest is reflected back into space and absorbed by the atmosphere. Even if only 0.1% of this energy could be converted at an efficiency of only 10% it would be four times the world’s total generating capacity of about 3 000 GW. Looking at it another way, the total annual solar radiation falling on the earth is more than 7 500 times the world’s total annual primary energy consumption of 450 EJ.



Source: WEC 2010 Survey of Energy Resources

WEC Daegu 2013 Congress Organizing Committee Update

WEC London's visit to WEC Daegu 2013 Organizing Committee in Seoul, Korea, October 4-7 2011

Three representatives of WEC London; Emily Melton, Stuart Neil and Seijin Kim visited the Organizing Committee October 4th-7th 2011, to discuss the congress preparation and to meet their Korean colleagues. The visit proved invaluable for both parties in terms of in-depth discussions on several pending issues, exchanges of experience and knowledge and was a good tool in enabling both teams to visualize the congress through a site visit to the congress venue, EXCO and in meeting with Daegu city officials. Meeting in Seoul allowed both parties to share ideas and agree on key elements of congress, such as the draft congress theme, the daily theme, the structure, top timelines and next steps in preparation for the congress. The congress program; including themes and structure, will be presented in the upcoming Executive Assembly in Oran, November 20-24, 2011

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World Energy Council

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