

Interview with Mr. Bernard Fautrier, Chair, Monaco Member Committee



*Mr. Bernard Fautrier,
Chair, WEC Monaco
Member Committee;
Minister
Plenipotentiary;
Representative to
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Managing Director,
Prince Albert II
Foundation*

Given that Monaco is part of the French electricity grid, does it have any concerns about security of supply for Monaco, for France, or Europe-wide?

Monaco relies almost entirely upon the energy resources provided by its bordering countries, mainly France. Yet, Monaco does produce some power in its incineration plant for municipal waste, corresponding to its street lighting consumption. It's true that the South East of France is fragile as regards to its power supply, since there are few local sources and since most of the power comes from the nuclear plants located in the Rhone Valley and uses vulnerable transmission lines. However, the French authorities have implemented several measures that should reduce blackout risks. This is of great importance to Monaco, since electricity accounts for 80% of its global energy consumption. Therefore, any new technology or resource likely to reduce Monaco's energy dependence is studied with great attention by our public authorities, in particular heat pumps, which already provide 30% of our needs in heating and air conditioning, the energy supply (warm and cold) from steam produced by the municipal waste incineration, and, finally, solar energy.

What steps is Monaco taking to help reduce its carbon footprint and how is energy efficiency being addressed?

Monaco has adopted a program for reducing energy consumption and GHG, similar to that of the rest of Europe. Monaco financially supports the purchase of clean and non-carbon vehicles, as well as installing solar panels to help reduce fossil fuel consumption. Ultimately, energy efficiency is a theme that must be adhered to, but its presence is still not strong enough in the minds of designers, particularly in the South European and Mediterranean basin countries. That's why the Prince Albert II Foundation, the Johnson Control International company and the WEC Monaco MC, launched their first "Energy Efficiency Forum" in April 2010, and after positive results, have decided to make this an annual event in the future.

What led Monaco to bid to host the 2012 WEC Executive Assembly?

Monaco is willing and able to support the network of international organisations currently confronting the Earth's sustainable development. The energy sector is, without any doubt, one of the most relevant in this area at a global level. We are keen to welcome key experts and managers of the energy sector to Monaco to make the Principality better known, to share our knowledge, and to highlight the areas in which we are able to perform.

Which of WEC's studies and technical reports have been particularly valuable to Monaco and why?

Those related to renewables have certainly been taken into account, since it is an area in which Monaco wishes to play an active role, for instance during the EVER exhibition held there each year. Monaco has been a WEC member for many years, but only recently have WEC studies and reports been spread amongst the official authorities or the key energy players here. From now on, the key duty of the Monaco MC will be to better participate in WEC activities and spread the word about WEC's work.

WEC Debriefing by Secretary General, Dr Christoph Frei

First Energy Leaders Summit takes place in Beijing - Dinner top: Oil spill

WEC's first Energy Leaders Summit took place in Beijing last week and was marked by high level representation from a number of Asian and international companies and by energetic and insightful dialogue during the sessions. Issues discussed included energy security in Asia, the role of renewables and energy efficiency, and financing mechanisms to fight energy poverty. Much ground was covered, yet the following issues resonated with me.

First, once again, it came out that energy security is the prime issue and that the Chinese model with strong governance and policies on the one hand, and high competition on the other, is appealing. The latter is interesting also with a view on early results from the 2nd iteration of our Policy Assessment (which will be released at the Congress) where market reform / liberalisation come out as unsuccessful in many cases, as they fail to meet expectations in generating competition.

Second, countries are focused on the adjustment of their technology mix and while costs remain the fundamental driver, it is clear that "green growth" (South Korea) or "scientific growth" (China) increasingly address new drivers. As an example, the water-energy linkages play a role in water scarce China and are carefully monitored, as was pointed out by the Deputy Director General of China's National Energy Administration (NEA), Ms Gu Jun.

Third, progress to reach the Millennium Development Goals (MDGs) is only possible if the 1.5 billion energy poor – to 85% in rural areas – gain access to energy. Panellists highlighted the importance of financing mechanisms ("loans and grants are not bad words in this context"), of "local-technology" engineering concepts ("rural communities need to be able to do repair work by themselves"), and of local ownership and responsibility for operation....([click here for more](#))

Congress Update

Canadian visa applications - time is running out!

All those wishing to register for the World Energy Congress in Montreal should submit their visa applications as quickly as possible. The application process differs from country to country, and may take up to three months. Official letters of invitation will be emailed to you automatically upon completion of registration and receipt of payment. All Canadian embassies and consulates have been notified that the Congress is taking place, in order to expedite the application process for delegates and exhibitors.

For more information please visit:

<http://www.wecmontreal2010.ca/en/program/general-information.html>

The **WEC Photo Competition** is back for the third consecutive year, this time in collaboration with the 2010 World Energy Congress. This year's theme is 'Energy for All' and the goal of the contest is to celebrate energy and its contribution to communities around the world. A jury of energy experts will evaluate the photos entered in the contest on a range of criteria, selected works will be exhibited at the Montreal Convention Centre, and winners will be announced at the end of the Congress, on September 16. **For more information:** benfield@worldenergy.org

Inside Insight

C40 Alliance: Tokyo Case Study

In 2008, the proportion of the world's population living in urban areas reached 50% and is likely to increase to 60% by the year 2030 (UN, 2009). According to the World Energy Outlook 2008, cities consume 2/3 of the world's energy and are expected to consume almost 3/4 by the year 2030. At the same time cities account for more than 70% of global CO₂ emissions (C40, 2010). Against this background, C40, an alliance of large cities committed to tackling climate change, was founded in 2005. Of these cities, Delhi, London, Mexico City, Paris, Shanghai, Tokyo and Toronto have been closely examined over the past few months by WEC's Energy for Megacities Study Group, which will publish its findings at the World Energy Congress in September.

Plans and programs to cut down emissions differ greatly from place to place and cannot be easily compared with each other. For example, Tokyo's 2007 Climate Change Strategy Plan aimed to reduce greenhouse gas emissions by 25% from the 2000 level by 2020. The compactness of Tokyo and the predominance of public transportation make it not only an energy efficient city but also a relatively low Metropolitan Government carbon emission city likely to reach its goals.

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WEC Agenda

We invite our members to attend the following events:

June 17-18; London, UK

-Meeting of the Energy Efficiency Committee
-Contact: nurse@worldenergy.org

June 17-18; Sofia, Bulgaria

-Bulgarian Energy Day, organised by Bulgarian Member Committee, with support of the Ministry of Economy, Energy and Tourism
-Contact: office@wec-bulgaria.org

June 24; London, UK

-UKWEC Workshop and debate with high level speakers: 'How will UK electricity be supplied over the next decade?'
-Contact: ukwec@energyinst.org

June 29; Paris, France

-'The role of speculation on the petrol markets', organised by CFE (French Member Committee)
-Contact: cfe@wec-france.org

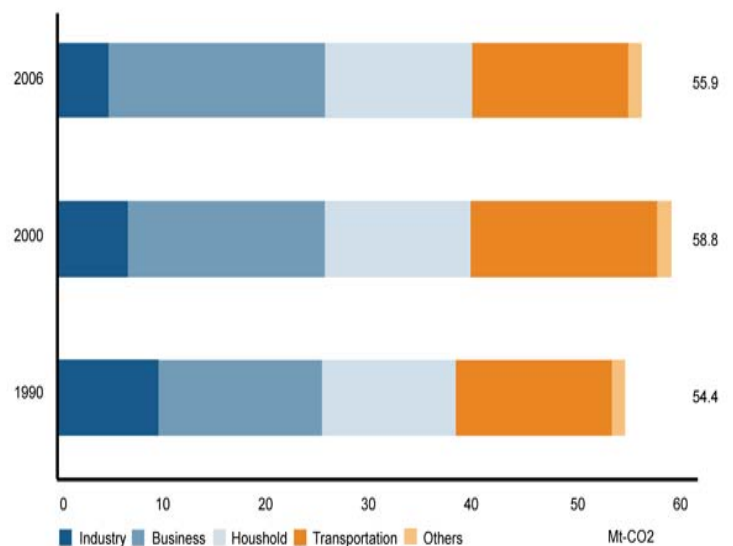
July 1-3; Pisa, Italy

-'Green City Energy - Pisa', organised by WEC Italia
-Contact: giovanna.ruggeri@wec-italia.org

July 22-23; Bogota, Colombia

-Energy Efficiency Workshop – details to be confirmed
-Contact: cocme@cocme.org

For further events and more details, please check the Events page on the WEC website...



Emissions and emission growth by sector in Tokyo

Source: Tokyo Cap and Trade Program, Tokyo