

February 2015

Welcome to *WEC Inside*, your exclusive briefing from your WEC network

News

WEC energy leaders join African ministers and experts at the Indaba

The World Energy Council's members and senior leaders have gathered at our annual African regional meeting within the Africa Energy Indaba this week (16–18 February) in Johannesburg, which this year also includes our Indaba Energy Leaders' Dialogue.

At the regional workshop on 16 February, our members discussed our work stream and our agenda for this year, which has been designated our Year of Africa.

Yesterday (17 February) WEC members were joined by African energy ministers and energy leaders at a high-level roundtable to discuss the way ahead for Africa's energy future. During the Indaba Energy Leaders' Dialogue, organised by the World Energy Council and hosted by Chair Marie-José Nadeau, 35 energy leaders – from government, international governmental organisations and development banks, and the private sector – joined our leadership in closed-door discussions on how to solve Africa's energy

challenges.

The Dialogue included the Trilemma Ministerial Roundtable, where energy ministers and leaders of governmental organisations held talks over widening energy access and unlocking the region's vast untapped energy potential. On top of the agenda was the issue of facilitating regional integration to maximise resource distribution and diversification.

Ministers and government officials from Botswana, Ethiopia, Namibia, Swaziland, Tanzania, and Uganda, attended the ministerial. Sector leaders from the African Union, NEPAD Agency, and the African Development Bank were also in the talks. Joan MacNaughton, Executive Chair of the Council's World Energy Trilemma, moderated the discussion.

Christoph Frei, World Energy Council Secretary General, commented: "South Africa's current power crisis illustrates that South Africa, like many other countries, is struggling to come to

terms with the triple challenge of providing sustainable energy, what the World Energy Council calls the energy trilemma."

According to our recently published World Energy Issues Monitor, African energy leaders are worried about the uncertain impact of energy price volatility on their future decisions. Market-distorting energy subsidies and the difficult access to capital markets are also key issues. Meanwhile, regional integration and energy poverty remain high in the agenda.

The Africa Energy Indaba has put a spotlight on these and many other critical issues facing the continent.

World Energy Scenarios in new emissions calculator



Our scenarios have been showcased in a new online tool for businesses, NGOs and governments to consider the options for cutting carbon emissions and the trade-offs for energy and land use to 2050.

The Global Calculator is a free and interactive tool that has been built in a project led by the UK government's Department of Energy and Climate Change (DECC) in partnership with China's Energy Research Institute of National Development and Reform Commission.

The Calculator showcases our Jazz and Symphony scenarios from the

World Energy Scenarios study (published in 2013) as example pathways for global energy developments to the year 2050.

More on this story on our website: <http://bit.ly/1ANHiAd>

WEC Germany and South Africa showcase Issues Monitor

Several WEC member countries including Switzerland, Italy, France and South Africa have promoted the Issues Monitor report nationally. Here are the highlights from two of them:

Germany

WEC Germany held an exclusive breakfast briefing session with journalists and policymakers to showcase the latest World Energy Issues Monitor after its official launch in Berlin, Germany.

Carsten Rolle, Secretary of Weltenergieerat, the [WEC German member committee](#), opened the session by asking audiences what is keeping energy leaders worldwide awake at night, and invited personal perceptions of the results of the German issues map. He went on to highlight the issues map as an excellent starting point for debates to take place in both the political and business sectors.

Christoph Frei, WEC Secretary General, then presented and explained the various country maps in the report and their national implications.

A select group of journalists, members and policymakers attended the WEC Germany event.



This year's Issues Monitor found energy price volatility and climate framework uncertainty as the top concerns of global energy leaders. The report,

compiled before the recent oil price falls, also highlighted concerns over price volatility where short-term price fluctuations of commodities and technologies, particularly in the renewables sector, represent not only a national but a worldwide trend following on from initial concerns expressed in the 2014 Issues Monitor. Despite being a new variable on the map in this year's report, the issue of cyber threats initiated a lively discussion. The sensitive nature of the issue prompted Dr Frei to highlight the need for cooperation with re-insurance companies.

Nicole Kaim-Albers, Head of Office for WEC Germany, said: "Due to the great engagement and highly professional cooperation with our colleagues in London during the preparation of the report launch, the Council has become more prominent and relevant. The great media coverage generated after the launch and the lively discussion during our breakfast session have shown us that so much is possible and we find it encouraging to deepen engagement even more in the future."

South Africa

The South African National Energy Association (SANEA) presented the results of the global and African energy issues as well as the South African national deep-dive at public meetings in Johannesburg and Cape Town. Meeting attendees discussed the results as well as how to improve the status of the South African trilemma. They also showed interest in the methodology used in the energy issues study.

Dave Wright, Secretary General of [SANEA](#), said: "We showcased the results from the issues survey together with the Trilemma report to our membership and other stakeholders in

order to reinforce the relevance of WEC studies. These combine to highlight the critical issues for the national energy agenda, including the impact of energy prices and the high uncertainty surrounding progress on both electric storage and unconventional."

SANEA has also highlighted the South African Issues Monitor at the 2015 Africa Regional meeting on 16 January, which took place the day before the Africa Energy Indaba.

John Bourne, Senior Manager at WEC, who has led the coordination of the report in the past five years, commented: "It is tremendously encouraging to see how this report has developed, especially due to the input of member committees, going from 71 responses in 2009 to over 1000 responses this year, and from six national pilots in 2012 to 27 in the 2015 edition. We are continuously adjusting this project to the changing energy agenda and the positive feedback we receive illustrates both the relevance of our work and the impact that our MC's have globally."

▪ The 2015 report can be downloaded from: www.worldenergy.org/publications

▪ **Get involved:** We encourage member committees to showcase your regional and national findings during upcoming events in your own countries. Our media team (tsang@worldenergy.org) is happy to help, and John Bourne (bourne@worldenergy.org) can provide briefings and customised materials. The survey for the 2016 World Energy Issues Monitor is currently being revised and will be sent out in March-April.

Dominican Republic's energy ministry joins WEC



The Dominican Republic's Ministry of Energy and Mines has joined as a

member of the World Energy Council in a ceremony held on 30 January.

Pelegrín Horacio Castillo Semán, Minister of Energy and Mines (centre of photo), commented: "Joining the World Energy Council is undeniably important as it will enable many interesting developments and is the main focus of public policy under our responsibility."

The ministry sees being a member

of the Council as a first step towards the creation of a member committee in the country.

▪ Read more on: <http://bit.ly/1EQ0Ku6>

WEC welcomes Abengoa as latest Global Partner

The World Energy Council has welcomed Abengoa, an international company that applies innovative technology solutions for sustainability in the energy and environment sectors, as the newest member of its Global Partner programme.

Abengoa will contribute its

experience as a leading player in both renewable energy and efficient conventional generation as well as power transmission and distribution. Abengoa will join the Council's partner organisations who work with specific regional and national networks in support of the Council's work

programmes, such as the energy trilemma, scenarios and resources.

- Read more on: <http://bit.ly/1CzmFFS>

Member committee news

Powering Korea's next "growth engine"



More investment and new opportunities need to be identified in order to respond to challenges facing Korea's energy industry, energy leaders heard at a WEC Korea event held in partnership with the country's Ministry of Trade, Industry & Energy (MOTIE) in Seoul last month (22 January).

Mr Yoon Sang Jik, the minister of MOTIE, made the remarks at the "2015 Energy Industry New Year" meeting.

Echoing the messages of the Council's Trilemma work showcased at the last World Energy Congress in South Korea, Mr Jik highlighted that both the government and the energy industry must work together in order to actively respond to the rapidly changing global energy market. He said: "There is a crucial need to change our perception in a way it enables us to find new opportunities."

- **Read the full story on:** <http://bit.ly/1G2oOv7>

- **New website**

WEC Korea has launched its new website: <http://weckorea.org/?lang=en>

The website aims to provide members of WEC Korea with more in-depth information about its activities, news of events and various materials published by the World Energy Council.

6th India Energy Congress: securing India's energy future



Left to right: Mr R.N Choubey, Special Secretary (Power) for India; Mr P.K Sinha, Secretary for Power and Chair of WEC-India; Mr Dhramendra Pradhan, Minister of State Independent Charge for Petroleum and Natural Gas; Dr Arup Roy Choudhury, Member Secretary for WEC-India and WEC Vice-Chair for Asia Pacific & South Asia

With the Indian economy poised for

significant growth, 'integrated planning and coordinated actions' were high on the agenda at the 6th India Energy Congress, the flagship forum of WEC-India which took place last month (28–29 January) in New Delhi.

This year's Congress was particularly significant as it marked the beginning of the Congress being held as a joint event with Indian government ministries: the Ministries of Power, Coal, New & Renewable Energy, Petroleum & Natural Gas; External Affairs; and the Department of Atomic Energy. The event took shape under the leadership of the Steering Committee chaired by Mr R.N. Choubey, Special Secretary (Power) for India. Over 40 speakers led

the discussions and more than 400 delegates attended.

- **Read the full story on:** <http://bit.ly/1AFdJBI>

- WEC India also hosted workshops on the World Energy Council's Trilemma and Scenarios studies, led by Ms Joan MacNaughton and Prof. Karl Rose, respectively. Both took place on 30 January in New Delhi. A summary of the workshops will be available in a later edition of *WEC Inside*.

Energy policy stuck in a global trilemma – Austria event



WEC Austria gathered more than 200

delegates at its event “World Energy Trilemma – sustainability, economics, energy security” on 10 February.

Dr Johann Sereinig (pictured), Chair of [WEC Austria](#) and Deputy Director General of Verbund AG, placed the energy trilemma within a European context in his opening speech: “If one soberly analyses the current situation in the European energy market, one comes to the conclusion that the goal of

a secure, sustainable, and affordable energy supply is increasingly at risk.”

- **Read more on:** <http://bit.ly/1vi415D>
- WEC Austria will be holding the workshop, “Storage for the Energy Turnaround”, on 25 February. For more information contact Dr Robert Kobau (office@wec-austria.at)

WEC Sweden visits London Secretariat

A delegation from the Swedish member committee, including its Chair, Vice Chair and Secretary, visited the Council’s new office in London on 29 January.

The team met with the London Office’s boardroom in the morning and held an internal meeting in the afternoon.

The aim of the meeting was to discuss the Council’s upcoming events, its work programme and engagement opportunities for the Swedish MC as

well as recent developments in the energy sector such as the dramatic reduction of the oil price and renewable energy integration.

The meeting started with a presentation of the findings of the recently released 2015 World Energy Issues Monitor by Christoph Frei, Secretary General. Members of the Swedish Member Committee then received general updates as well as an overview of the Council’s activities and had the opportunity to interact and

exchange views with the staff of the London office on how to strengthen the collaboration in the future. The meeting made full use of the Council’s latest video conferencing facilities allowing for contributions from across the world.

- Member Committees are welcome to use the facilities in the new London office, for further details please contact Sophie Rose (srose@worldenergy.org)

Your best moments of 2014

Celebrating our member committees’ success

As a phenomenal 2014 for the WEC came to a close, we asked our members what their best moments were last year. Here’s what they had to say:

Argentina



The Argentine Committee launched the first edition of our Knowledge Development Programme for Energy Leaders which has two parts: the training course, and the community of energy leaders.

The course, based on WEC studies and programmes, enables participants to develop an overview of energy issues. We have found that there is a large unmet demand amongst many professionals, whether they are or are not working in the energy field, to understand the current complexities of the sector. The programme had 172 attendees both onsite and distance learning.

We presented this programme in Cartagena and we are delighted with the impact achieved within the WEC family.

Austria

WEC Austria’s best moments in 2014 were [our events](#). In February we held an evening of discussion on the 2013 World Energy Congress, a Symposium on Energy Innovation, and a Workshop on Energy Efficiency. These were held with various partners. We then held a joint event with the UN SE4ALL and the

Chamber of Commerce in March, and our General Meeting in April with Secretary General Dr Frei as our special guest.

Canada



The Energy Council of Canada’s mission is to forge a better understanding of energy issues in order to optimally shape the energy sector for the benefit of all Canadians. This mission was fulfilled in 2014 through four regional events across Canada; the WEC North America Region Energy Summit in June organised jointly with the USEA and Mexico’s WEC secretariat; and our celebration of

energy leadership through the [Canadian Energy Person of the Year award](#) (pictured). Total participation exceeded 600. We continued to support energy policy research in two of Canada's leading universities. Canadian experts are actively involved in several WEC studies, and for the first time, input from Canadian energy executives was provided to the 2015 World Energy Issues Monitor. www.energy.ca

Colombia



2014 was a successful year for COCME in terms of our work, exposure, and recognition, largely thanks to the [Executive Assembly in Cartagena](#). The event raised the bar in our engagement with our member businesses and with the government, who backed every aspect of this big project.

One of the biggest challenges of the Assembly was developing – all within the same week – the CEO Roundtable, the Future Energy Leaders' Summit, the Ministerial meeting, and the Energy Trilemma Summit meetings. We achieved all this, and we were proud to see that our event was attended by the [President](#) (pictured) and Vice President of Colombia, energy ministers of more than 20 countries, and senior executives from 68 countries.

We also organised three events where we explored the Council's studies, energy scenarios, and renewables and energy efficiency. These gathered 500 people from the energy sector and firmly positioned our committee at the heart of the Colombian energy community.

Denmark

Following the launch of the new WEC website, our committee decided to change our own website design and structure to obtain closer resemblance to the WEC's new visual identity. The new Danish website provides an easy overview of WEC Denmark and underlines our close relation to WEC.

Hans Hvidtfeldt Larsen, President of WEC Denmark: "Our new website offers our Danish users quick and easy access to essential information on the activities in WEC Denmark and its global network of member committees

in other member countries. It also gives the users easy access to find the WEC's events, publications, and work programmes".

Our new website can be viewed on: <http://wec-danmark.dk/>

Estonia

For WEC-Estonia, 2014 was a year dedicated to solving urgent energy policy issues in the country. We managed to partner with our Parliament and with Estonian Ministries, while on an international scale we focused on sharing our best practices at many events. We would like to thank Mr Sandor Liive, who served as our Chairman for 9 years before stepping down from his position in December 2014.

France

Our 2014 highlight was our 3rd European Energy Forum which we organised in Paris in April on the theme "What policy measures for energy transition in Europe?" It was a great occasion to discuss the implications of new European policy with high-level experts and other WEC members. We truly believe our 4th Forum this year (12–13 March) will be even more interesting, especially in the context of COP-21 which will be held at the end of this year.

Italy



WEC Italy started a collaboration with universities to promote training courses for students on global energy issues and energy scenarios for the coming decades. For this initiative, which was sponsored by Edison, one of our enduring supporting members, we hosted students from the University of L'Aquila. The city of L'Aquila, which in Italian means 'eagle', is a university town in central Italy. It was particularly hard-hit by the earthquake of 2009 which damaged several buildings at the university and killed several students. Our programme is a way show that despite such a natural disaster, "eagle" comes back to fly.

Japan

The highlight of 2014 for WEC Japan was the Executive Assembly in Cartagena, Colombia. Teruaki Masumoto, Chair of WEC Japan: "I was

very impressed with a comment made by the Vice-Chair of North America on the outcome of the issues map where energy price was found to be the top critical uncertainty specifically concerning the drop in crude oil prices, which became a reality after OPEC's decision to leave its output target unchanged only a month after the Executive Assembly."

Kazakhstan

WEC Kazakhstan for the first time hosted the World Energy Leaders' Summit in Astana. The success of the summit was largely due to the joint efforts of Jambulat Sarsenov, Deputy Chairman of the Kazakhstan's Association of Oil-Gas and Energy organizations (Kazenergy) and Almassadam Satkaliyev, CEO of Samruk-Energy.

The 60 energy leaders and delegates from 25 countries that attended had the opportunity to discuss not only pressing development issues facing the global energy industry, but also to visit the country's rapidly growing new capital and experience Kazakhstani culture.

Lebanon

WEC Lebanon continued to grow in 2014, reaching more than 60 corporate members. Our involvement with the London Secretariat also expanded, allowing a wonderful exchange of know-how building on the Council's great studies. The Cartagena Executive Assembly was a memorable gathering for us. What kept us awake at night in 2014 were efforts to build a network of [energy leaders in Lebanon](#) and to find solutions for the challenges posed by the energy sector and climate change. Given the volatility of the global energy sector, we expect 2015 will be another year for urgency, hope, and ambition.

Poland

The Executive Assembly was one of the highlights for us. In 2014 we also presented our perspective on the impact of European geopolitics at the annual WEC European regional meeting. We were pleased that we were invited to take part in the revised WEC work programme, where we now have representatives in all Study Groups and Knowledge Networks.

We were proud to hold our annual conference, "[Capacity market – solution for Poland?](#)" in collaboration with Poland's Ministry of economy. The most memorable moment for us was having WEC Chair, Marie-José Nadeau visit our country. In her visit was she met with the Deputy Prime Minister and Minister of Economy, Mr. Janusz

Piechociński, and the Chair of the Polish Committee, Mr Henryk Majchrzak.

South Africa



We launched our monthly public meeting programme. We held meetings in Johannesburg and Cape Town every month from January to November and covered a wide range of energy topics. Attendance averaged at over 100 delegates per meeting in Johannesburg and over 70 per meeting in Cape Town.

Our main highlight of 2014 was the award of Dr Chris Cooper (pictured,

right) with honorary life membership in recognition for his significant [contribution to SANEA](#) and WEC over many years.

We also held the Action for Energy meeting in November with the National Planning Commission. This meeting aimed to involve a range of experts from the electricity, liquid fuels and gas sectors in order to identify the major energy obstacles to South Africa in implementing the National Development Plan.

Spain

We launched the first edition of our “Energy and Geostrategy” publication in collaboration with the Spanish Ministry of Defense. The publication gave an update of the key issues in the global energy industry from a geopolitical perspective. Additionally, our annual event, [“Global Energy: Strategies and](#)

[Values”](#), gathered more than 350 experts to discuss and exchange ideas about some of the major challenges for the international energy agenda, including how energy companies address human rights in their operating activities. We also continued with our national Issues Monitor which provides an idea about what keeps Spanish energy leaders awake at night.

Sweden

WEC Sweden had a good year with our arrangement of two seminars. On 12 November we held a seminar that discussed climate work in the run up to COP-21 in Paris in December 2015 where we had more than 70 participants including the French Ambassador to Stockholm. In this seminar we also informed delegates about the outcome of the Executive Assembly in Cartagena.

Future leaders make their mark

Our Future Energy Leaders had a busy year too. Here’s just a snapshot of what some of them were up to:

Argentina

Francisco Galtieri: “My best WEC moment in 2014 would be my participation in the Cartagena Executive Assembly where we presented ‘The Knowledge Development Programme for Energy Leaders’ which received overwhelming support to expand it to other countries. It was very gratifying to see such results after one year of hard work.”



Ghana

Kwaku Kunadu: “My most memorable part was the fact that my contribution on Ghana for the 2014 World Energy Trilemma report was accepted. I also really enjoyed and learned a lot from the discussions on the World Energy Trilemma -



the myths and realities of financing energy systems.”

India

Juhi Rajput: “In 2014, my involvement in the Alternative Transport Fuel survey initiated by the FEL taskforce helped me to gain a better understanding of alternative transport fuels available in my country. It was exciting to discuss the project and motivate approximately 100 people from my professional and personal network to take the survey. Another interesting development was to explore the possibility of starting a national chapter for young energy executives with other Indian FELs.”



New Zealand

Nathan Bittle: “The apex of my 2014 was the publishing of the first ever WEC FEL report – [“Alternative Transport Fuels: Consumer Attitudes in Latin America and the Caribbean”](#). This achievement was the culmination of 18 months hard work from my team of



16 extraordinary FELs, and was wholeheartedly supported and encouraged by the WEC. Their combination of technical knowledge, inclusivity, multiculturalism and enthusiasm to make a difference in the world embodies the spirit of the FEL programme and I am privileged to have been part of this pioneering group.”

Uruguay

Ana Karina Hernandez: “As a Future Energy Leader and active member of the ATF taskforce, the production and launch of the first ever FEL report was my best WEC-moment in 2014. The moment I felt that all of our hard work and dedication from last year was starting to pay dividends; having formal input into one of the WEC work streams, and having parts of our work showcased in Cartagena, Colombia, at the WEC Executive Assembly and the FEL Summit, was a marvellous achievement at personal and professional level.”



▪ Compiled by Sophie Rose, Coordinator, Future Energy Leaders

Agenda

WEC global and regional events

WORLD ENERGY CONGRESS

Istanbul, Turkey
10–13 October 2016
Theme: Embracing new frontiers

2015 EXECUTIVE ASSEMBLY

Addis Ababa, Ethiopia
26–30 October 2015

REGIONAL MEETINGS

3rd European Energy Forum
Paris, France

12–13 March 2015
Theme: On the way to COP-21.
Organised by WEC France

World Energy Leaders' Summit

Manila, Philippines
17–18 June 2015
To be held within the Asia Clean Energy
Forum

STUDY GROUP MEETINGS

World Energy Scenarios workshops

London, UK

Global scenarios
16–17 March 2015

Africa roundtable
18 March

World Energy Trilemma workshops

More events on

www.worldenergy.org/events/

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