

Russian Energy Week 2019

2-5 OCTOBER Moscow, Manege Central Exhibition Hall



MINISTRY OF ENERGY OF THE RUSSIAN FEDERATION



MOSCOW CITY GOVERNMENT





Russian Energy Week International Forum

is the largest international platform for discussion in the energy development and energy efficiency sector in Russia and abroad.

Heads of state and government, representatives of major international energy firms and sector leaders, renowned experts, scientists, and journalists all take part in the Forum.

The Forum is held with the support of the Ministry of the Russian Federation and Moscow City Government.

Forum goal

Demonstrating the prospects for Russia's fuel and energy complex and achieving its potential for international cooperation in the energy sector.

REW 2018 drew:



. . .

REW 2018 by numbers



The key theme for Russian Energy Week (REW) 2018 was 'Sustainable Energy for a Changing World'. The plenary session was opened by President of the Russian Federation Vladimir Putin.

G Russia is one of the largest players on the world energy market. We occupy a leading position in the extraction and export of oil and gas, and we are among the leaders in terms of electricity generation and coal production. It is extremely important for us to be sensitive to trends in the global energy industry in order to effectively realize our competitive advantages and, together with other countries, form a common energy space and a common energy future."

Vladimir Putin

President of the Russian Federation



What has been achieved in recent years between OPEC and non-OPEC countries would have been impossible without your involvement. We hope the Russian Federation will continue to play a leading role in our organization."

Mohammad Sanusi Barkindo

Secretary General, Organization of the Petroleum Exporting Countries (OPEC)





The main programme for REW 2018 included 67 events. The most important element was the discussion of the alobal energy agenda – from access problems to environmentally friendly types of fuel in Asia-Pacific region countries and Africa, to developing the energy sector and applying new technologies in the Arctic.



G Russia, as a leader of the world's energy industry, substantially contributes to the global energy agenda. I am glad that heads of energy agencies and companies as well as experts from numerous countries choose Moscow and REW as a platform for discussing issues of energy development."

Alexander Novak

Minister of Enerav of the Russian Federation



Energy is a fundamental part of life. It is a source of social stability and people's welfare. That is why the Forum is unique, as it focuses equally on economic, environmental, educational, and scientific aspects of our life, including energy security."

Anton Kobyakov

Adviser to the President of the Russian Federation



G Russian Energy Week quickly became a globally influential industry platform. It brings together authorities. businessmen and experts to discuss key challenges and tendencies in the energy sector around the world, and to outline the possibilities for further development of the sector. I am confident that the Forum is going to bring tangible results and that it will facilitate the development of new ideas and the expansion of business ties."

Alexev Miller

Chairman of the Management Committee, Deputy Chairman of the Board of Directors, Gazprom

Of course, it is possible to say conspiracy against stability on is stability of investment and This is a fundamental aspect of what we do here. Therefore, stability is our cornerstone."

Ben van Beurden

Chief Executive Officer, Royal Dutch Shell

that there is basically a kind of the market. But I cannot identify anyone whom this volatility would benefit. It is unlikely that it would benefit anyone; all countries want to exist in a world where there financial flows can be quaranteed.

L The market is developing rapidly: as regards political events that really do have an impact, we are trying to ensure that through our collective decision-makina as producers, we have an impact on the market, with significant success after discussions with our Russian partners."

Khalid A Al-Falih

Minister of Energy Industry and Mineral Resources of the Kingdom of Saudi Arabia Chairman of the Board of Directors, Saudi Arabian Oil Company (Saudi Aramco)



In a country like Germany, if you close the nuclear power plants and cut coal mining and processing, you will not be able to generate enough energy through wind power and solar panels. Therefore, the strategic importance of gas as a balancing force for use during peak use times increases significantly."

Pekka Lundmark

President and CEO, Fortum Corporation



Christoph Frei

Secretary General, Chief Executive Officer, World Energy Council

The main difficulty that our sector faces is ensuring fuel is available for electricity production."

> Jabbar Ali Hussein Al Luaibi Minister of Oil, Republic of Iraq



Energy efficiency is the key to energy transition at the local and international levels, and this is vital in the battle with climate change."

Benoit Lebot

Executive Director of the Secretariat, International Partnership for Energy Efficiency Cooperation (IPEEC)

Priority themes for 2019 will be the continued focus on modernizing the fuel and energy sector through the adoption of innovative technologies, and, of course, energy efficiency and cost reduction in transport, social elevators and mentorship."

Anton Inyutsyn

Deputy Minister of Energy of the Russian Federation







We need a more free, more balanced market in Europe, one which has competition. This would have a positive impact for European consumers – let there be competition and then let them choose the most competitive energy source."

Patrick Pouvanne

Chief Executive Officer, Total SA



We have been investing in Russia We have been investing in Russia for 10 years. Out of the entire spectrum of technologies that impact the energy world, and in which digitalization is playing a vast role, Russia is one of the most successful countries in the world in terms of energy. Perhaps it is even too lucky, because Russia has a uniquely diverse range of energy resources that can be combined in new and different wavs."

Francesco Starace

Chief Executive Officer,

General Manager, Enel S.p.A.

connection between energy and aeopolitics, as demonstrated by the various international situations that develop around strategic goods, such as oil and gas."

Thomas Graham

Managing Director, **Kissinger** Associates





It is important that any discussion relating to politics leads to enhanced cooperation, and not to the parties' confrontation. I have never seen confrontation lead to any positive results."

loe Kaeser

President, Chief Executive Officer, Siemens AG

It is impossible to achieve results without effective regulation.

> Parviz Shakhbazov Energy Minister, Republic of Azerbaijan









agreements were signed, including international agreements



In 2050 we will see the volume of waste produced each year amount to 3 billion tonnes. This is a major challenge for future generations. And we must do everything within our power to solve this problem. We need to move to a closed-cycle economy. This is why UNIDO is working to reduce the volume of waste, to ensure fewer new landfill sites are needed for waste."

Carlos Chanduvi Suarez

Senior Coordinator. Climate Technology & Innovations Division. Department of Energy, UNIDO



Over the past 20 years, tangible and intangible assets have swapped places in terms of the amounts invested. Official statistics do not do a good job of covering intangible investments and assets – they are virtually unable to count them. The creation of an intangible infrastructure or intangible assets forms the main trend which is moving the economy forward today."

Herman Gref

CEO, Chairman of the Executive Board Sberbank Nuclear technology drives a nation's socioeconomic development to an incredible degree... The global nuclear energy sector has remained one of only a few industries to remove barriers to the movement of goods, services, intellectual property, capital, and labour."

Alexey Likhachev

Director General Rosatom State Nuclear Energy Corporation



If we were connected by a global system, we could minimize our need for storage. To do this, we would need supergrid technology."

Rae Kwon Chung

Nobel Peace Prize Laureate; Member of the Global Energy Prize International Award Committee; Professor Emeritus, Incheon National University In Russia, we see great potential for developing digital technologies, both for internal use and for export. Last year, the Russian government approved a major state programme, The Digital Economy, which provided a real stimulus for digitalization in all areas, including infrastructure."

Peter Herweck

Executive Vice President for Industrial Automation, Member of the Executive Committee, Schneider Electric



A new branch of industry will take shape in Russia over the next five years. The government has approved a road map to develop production of equipment for LNG. We plan to involve around 800 companies in this endeavour."

Leonid Mikhelson

Chairman of the Management Board. member of the Board of Directors NOVATEK

" Gazprom Neft has invested considerably in Arctic projects over recent years. Today, these are already bearing fruit. In the first eight months of 2018, 27% of the company's entire oil production came from its assets in the Arctic."

Alexander Dvukov

Chairman of the Management Board, Chief Executive Officer Gazprom Neft



We could create a unified database including, first on a regional and then on a global level, information about the quality, volumes, and types of oil being produced and exported, along with information on oil refineries and markets for petroleum products. We had the idea of introducing a system of markers for oil, so that we could then trace the journey of that oil all the way to the refinery."

> Murat Seitnepesov CEO, Integral Petroleum

We don't need old infrastructure. We need modern infrastructure that is attractive and convenient. combined with brand new progressive elements".

> **Oleg Belozerov** Chairman of the Executive Board





and CEO. Russian Railwavs

We are planning to attract external investment to help us make use of digital technologies in producing electricity from our energy sources, paying particular attention to arid management."

Viktor Karankevich

Minister of Energy of the Republic of Belarus



 $\mathbf{4}$ We need to understand how things will be in 5–7 years' time. We saw the problems that occurred when prices were USD 120–130 per barrel: many countries suffered social tension, consumption of our products went down, and ultimately, there was a crisis. For that reason, we do not want to see the price shoot up. What we do want to see is stability, predictability for our market and our investments, and opportunities to develop new projects to help satisfy demand on the international market"

Digitalizing the grid will provide the foundation for future transformation processes in electric power. Digitalization is absolutely crucial for stable economic development, energy security, and tackling environmental issues."

Pavel Livinsky

Chairman of the Management Board, Director General Rosseti



A UES common digital information framework is currently being created under the management of the Ministry of Energy of the Russian Federation. Developments by FGC UES are being employed in this process. FGC UES' initial experience of digitalizing a substation dates back to 2005. Today, the organization has over 50 such facilities. During this time, we have developed three configuration options to digitalize substations to various extents."

Andrey Murov

Chairman of the Management Board FGC UES

We want a portion of funds allocated for infrastructure under state programmes, for example, advanced special economic zones, to also go towards connection to the electrical grid."

> **Nikolay Shulginov** Chairman of the Management Board, General Director RusHydro

Vagit Alekperov

President, member of the Board of Directors, Chairman of the Management Committee, Lukoil





f f Today, oil refining is mainly growing in areas of localization and ultra-high capacity, and is linked to petrochemicals."

Sergey Kudryashov

General Director Zarubezhneft





If growth rates in the global economy do not fall significantly below 3% – and this is not currently forecast – then we believe that the demand for petrochemicals in the foreseeable future will grow by around 5.5–6.5% a year for the next 20 years."

Pavel Sorokin

Deputy Minister of Energy of the Russian Federation

The OPEC and non-OPEC cooperation deal has played an important stabilizing role, not only for the market, but also for investment. When oil was USD 35 a barrel, no investment was coming into the sector, which was creating huge potential for a spike in oil prices in the future; many investment programmes were actually closed down. So we are now seeing an excellent flow of investment into the sector, and stable oil prices are key to this investment."

Kirill Dmitriev

CEO. Russian Direct Investment Fund



Only Australian coal, which possesses a number of advantages, can compete with our coal. The Russian Federation has one of the best profiles for coal consumption."

Anatoly Yanovsky

Deputy Minister of Energy of the Russian Federation



Russia has one of the best profiles for coal consumption

G We must make a real effort to rein

Alexander Kovalchuk

Director, Coal Marketing Research Institute: Advisor to the CEO, Russian Coal





in our cost base in order to stay competitive on the global market."

In order to take the next major step forward in the Asia-Pacific region, investment will need to increase by almost RUB 2 trillion by 2025, half of which will come from coal. Some of it will come from ports and an increase in rolling stock, and up to a third should come from investment in the development of the Baikal-Amur Mainline and heavier use of the Trans-Siberian line."

Vladimir Tuzov

Chief Strategy Officer, SUEK



One of the main themes at REW 2018 was the development of infrastructure needed for economic growth and an increase in citizens' living standards. Discussion participants included Deputy Prime Minister of the Russian Federation Dmitry Kozak and Mayor of Moscow Sergey Sobyanin.

.....

The #TogetherBrighter Youth Day took place on the closing day of REW 2018. Its highlights included an informal meeting with Minister of Energy of the Russian Federation Alexander Novak and Minister of Science and Higher Education of the Russian Federation Mikhail Kotyukov.





At Russian Energy Week 2019, there will be a considerable focus on the international agenda, the activities of the UN, the Gas Exporting Countries Forum, industry innovation projects, and the training of a competitive pool of candidates for the industry. The Russia-wide meeting on preparations for and the execution of the heating season in autumn and winter 2019–2020 will also be held.

Today, smart networks, distributed intellectual energy, new energy storage technologies, consumer services, and the energy internet are being actively developed and established in Russia. Best practices in the fields of digitalization, automation, and the Industrial Internet of Things are becoming the foundation for the competitiveness of companies and governments on international markets. In keeping with tradition at Russian Energy Week, a closing session will be held and prizes given to the winners of the All-Russian MediaTEK 2019 contest for the media, energy sector press services, and regional administrations.

On the final day of the forum, the #BrighterTogether Youth Day, the main event for young people, will take place, in which young energy sector specialists will be able to meet industry leaders and learn more about corporate and government experience in implementing projects in the fields of energy and energy efficiency.











...........

The cultural and sporting programmes are a vital part of REW, which draws the attention of senior government figures, Forum participants and guests. The event offers an outstanding opportunity to further cement your company's reputation among its peers and partners, and to build solid business contacts through informal networking events, and simply to wind down after a full day at the Forum.



Forum Participant

Participant status provides its holder with the opportunity to attend the Forum's business programme events and visit the exhibition space, discuss industry development with business leaders, experts, government officials, and the media, find investors, hold negotiations, take part in the cultural and sporting programmes, and schedule meetings from their mobile app or personal web office on the rusenergyweek.com. Moreover, members of the list of regular Foundation event participants are the first to hear about promotions.

Forum Exhibitor

Exhibitor status offers companies the unique opportunity to connect with the Forum audience at a special communications space ideally suited to promising investment projects and B2B solutions and technologies. Exhibitors are able to hold meetings with partners, and build constructive dialogues with government representatives, executives from major corporations, leading experts, and members of Russian and international media organizations.

Forum Partner

Forum Partner is a prestigious status granted to successful companies that are respected members of the business community. It affords them the most effective promotion opportunities at the event. These include the opportunity to present cutting-edge projects and developments to the Forum's unique audience, take part in business programme events, organize a specialized business networking area, and leverage the Forum's information and advertising resources.

Benefits of partnership





8880

photographers and videographers accredited to the Forum. The opportunity to invite business partners to the Forum and to company business events, to make use of meeting rooms, and to participate in the Forum's cultural and entertainment programme.

<u>;</u>

0

O.

Press events and media coverage

The Forum venue has designated press points and separate, fully equipped rooms for individual interviews with participants. The Forum press event schedule will be posted in the Media section of the official event website following publication of the business programme.

.....

Data on the participants in events held by the Roscongress Foundation, the topics under discussion, key problems and different ways to address them, and video searches for session broadcasts, are presented in real time in the Information and Analytical System of the Roscongress Foundation at ROSCONGRESS.ORG.







Multimedia Opportunities

32 • • • • • • • • • • •

Adding television screens to your stand for live broadcasting of Forum business programme events can help to attract an audience to your company's stand, fully enriching its programme and providing visitors with the sense of actually being at key Forum sessions.





Russian Energy Week 2018 Partners

With support from



Strategic

Partner

General Gas Partner

General Nuclear Partner



















The Roscongress Foundation

is a socially oriented non-financial development institution and a major organizer of international conventions, exhibitions, and public events.

The Roscongress Foundation was founded in 2007 with the aim of facilitating the development of Russia's economic potential, promoting its national interests, and strengthening the country's image. One of the roles of the Foundation is to comprehensively evaluate, analyse, and cover issues on the Russian and global economic agendas. It also offers administrative services, provides promotional support for business projects and attracting investment, and helps foster social entrepreneurship and charitable initiatives.

The Foundation's events draw more than 80,000 participants each year from 195 countries, with more than 10,000 media representatives working on-site at Roscongress' various venues. The Foundation benefits from analytical and professional expertise provided by 2,500 people working in Russia and abroad. In addition, it works in close cooperation with economic partners from 93 countries worldwide.







SEE YOU AT RUSSIAN ENERGY WEEK!

Russian Energy Week



Russian Energy Week 2019

2-5 OCTOBER

Moscow, Manege Central Exhibition Hall



For enquiries regarding participation in REW 2019:

+7 (495) 640 5844 info@rusenergyweek.com

For enquiries regarding partnership and advertising opportunities at the Forum venue:

Andrey Reut First Deputy CEO

partners@roscongress.org



rusenergyweek.com