

FORUM RESULTS

2019 ATOMEXPO XI

NUCLEAR FOR BETTER LIFE

15-16 APRIL 2019, SOCHI



1. WELCOME ADDRESS
BY THE RUSSIAN PRESIDENT



2. FORUM IN FIGURES



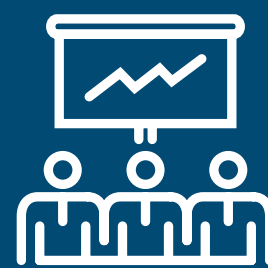
3. OPENING OF THE FORUM



4. MEDIA COVERAGE



5. EXHIBITION



6. PLENARY SESSION



7. BUSINESS PROGRAMME



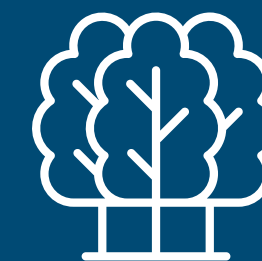
8. ATOMEXPO AWARDS 2019



9. JOINT IAEA—ROSATOM SCHOOL



10. BUSINESS REGATTA



11. OPENING THE GREEN SQUARE



12. FORUM RESULTS FOR 11 YEARS

WELCOME ADDRESS BY THE RUSSIAN PRESIDENT VLADIMIR PUTIN TO PARTICIPANTS IN THE 11TH ATOMEXPO INTERNATIONAL FORUM 2019

Dear Friends,

Welcome to the 11th International Forum
ATOMEXPO 2019.

Over the past years, the forum has strengthened its reputation and become a major international industry event and a popular discussion platform for topical issues regarding nuclear energy and the nuclear industry as well as for establishing high-potential business contacts.

These days, nuclear technologies open up completely new opportunities for the development of medicine, the creation of unique materials, space exploration and the development of the Arctic territory. They contribute to the constant supply of energy required to keep the economy strong. Russia has long-established

powerful potential in terms of workforce, research and production. We are extensively involved in international cooperation and offer quality, reliable, safe and environmentally-friendly solutions to our partners.

I am certain that the forum, the main theme of which is Nuclear Technology for a Better Life, will be a constructive event that will help to solve advanced problems of the national and global nuclear industry.

I wish you successful and productive work.



VLADIMIR PUTIN

FORUM IN FIGURES



> 4 000

GUESTS AND
DELEGATES



74

PARTICIPATING
COUNTRIES



> 1100

PARTICIPATING
COMPANIES



> 150

SPEAKERS



18

BUSINESS
EVENTS



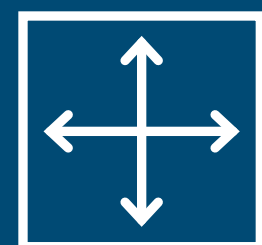
44

SIGNED
AGREEMENTS



> 290

MEDIA
REPRESENTATIVES

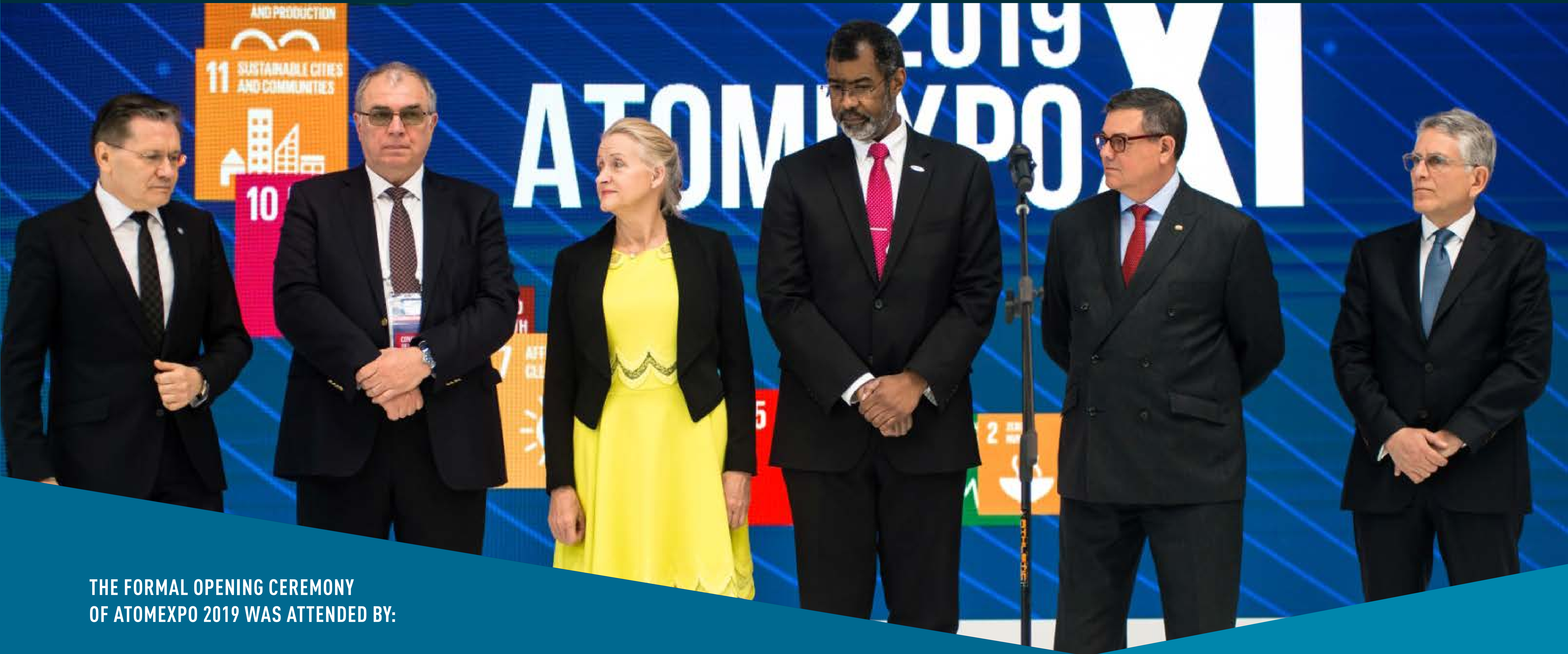


21 500 M²

OF EXHIBITION
AREA

FORUM OPENING





**THE FORMAL OPENING CEREMONY
OF ATOMEXPO 2019 WAS ATTENDED BY:**

ALEKSEI LIKHACHEV

Director General of ROSATOM
State Corporation

MIKHAIL CHUDAKOV

Deputy Director General, Head of the
Department of Nuclear Energy, IAEA

AGNETA RISING

Director General of World Nuclear
Association (WNA)

WILLIAM D. MAGWOOD, IV

Director-General of the OECD Nuclear
Energy Agency (OECD NEA)

PETER PROZESKY

Chief Executive Officer of the
World Association of Nuclear
Operators (WANO)

GERASSIMOS THOMAS

Deputy Director-General of the Directorate-
General for Energy of the European
Commission (ENER)

ADDRESS BY ALEKSEY LIKHACHEV

Dear Friends,

I am happy to welcome all of you to the 11th ATOMEXPO Forum; this is our second meeting at a new site – in Sochi. The forum is getting bigger with each passing year: it has transformed from a Russian nuclear industry event attended by foreign partners into an international industry discussion event for which Rosatom provides a platform.

The motto for the ATOMEXPO 2019 is “Nuclear for better life”. The global agenda for the use of atomic technology is expanding rapidly. In addition to being an eco-friendly and reliable source of energy that significantly contributes to combating climate change, the peaceful atom also facilitates the development of science, education, medicine, and agriculture. Thus, the widespread use of nuclear technologies has become an important factor in achieving the UN Sustainable Development Goals. It has become an integral part of the entire world community’s work towards improving the

quality of life, reaching prosperity, and building a responsible attitude to the environment.

This year’s business programme will focus on how advanced nuclear technologies contribute to the Sustainable Development as well as other key issues for the global nuclear industry. I would like to note that the International Programme Committee put the forum’s business programme together for the first time.

Various partnership events by the international organizations have been planned as part of the ATOMEXPO for the first time. The exhibition will feature a wide range of ways to use atomic technologies, including those unrelated to energy. In addition, the ATOMEXPO AWARDS will be presented at the forum for the second time.

I hope you all have productive work and interesting professional interaction.



MEDIA COVERAGE



THE FORUM WAS ATTENDED BY **292** REPRESENTATIVES OF **177** MASS MEDIA, INCLUDING **167** FOREIGN JOURNALISTS FROM **33** COUNTRIES, AMONG THEM LEADING NEWS AGENCIES, NEWSPAPERS, TELEVISION AND BOTH SPECIALISED AND INDUSTRY-SPECIFIC MEDIA

EXHIBITION



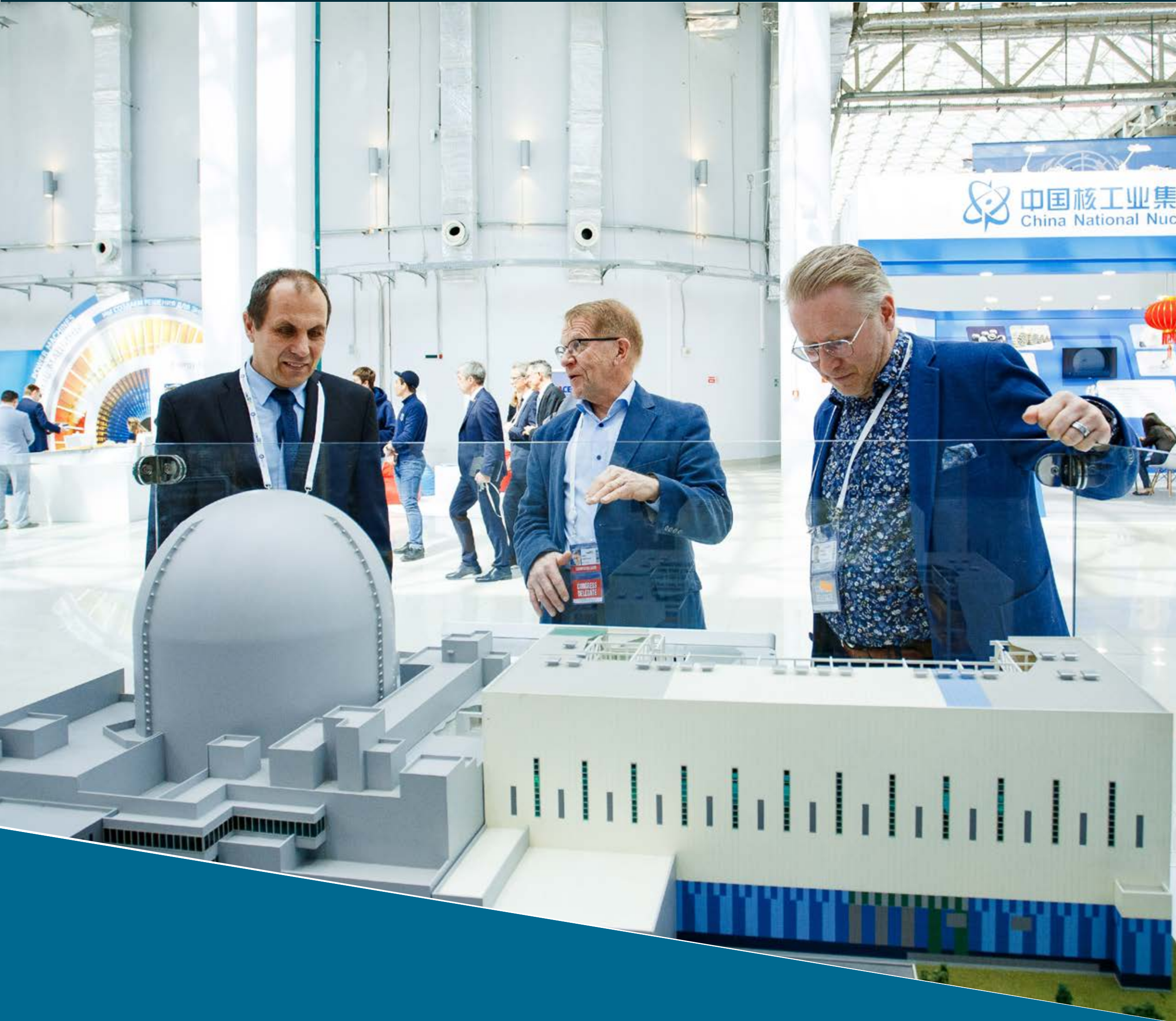
- ROSATOM COMBINED EXPOSITION
- SUSTAINABLE DEVELOPMENT SQUARE
- PARTNERS' EXHIBITION













PLENARY SESSION



The plenary session participants included:

- **Alexei Likhachev**, Director General of ROSATOM State Corporation;
- **William D. Magwood, IV**, Director General of the Nuclear Energy Agency of the Organisation for Economic Co-operation and Development (NEA OECD);
- **Nenad Popović**, Minister in charge of innovations and technological development, Government of the Republic of Serbia;
- **Kamlesh Nilkanth Vyas**, Secretary of the Department of Atomic Energy Government, Republic of India;
- **Zhurabek Mirzamakhmudov**, First Deputy Minister of Energy of Uzbekistan, Director of Uzatom Agency;
- **Gerassimos Thomas**, Deputy Director General, Directorate-General for Energy of the European Commission;
- **Dr Roland Msiska**, Head of Zambia Atomic Agency (ZAMATOM).

The panelists discussed the key socio-economic impacts of using nuclear technologies and how they can help address the ongoing problems faced by humanity (global warming, shortage of drinking water, inequality in access to electricity, etc.).



Speaking at the opening of the session, Sergei Kiriyenko, First Deputy Chief of Staff of the Presidential Executive Office and Chairman of the Supervisory Board of Rosatom State Corporation, read out welcome address by the Russian President Vladimir Putin to the Forum's participants he noticed: "In line with the UN's sustainable development goals, two global problems have to be resolved: to save humanity from poverty and heal the planet. Sufficient energy reserves are evidently crucial in this respect, otherwise neither the first nor the second task can be accomplished. Nuclear energy can play a key role in addressing all these challenges. Indeed, apart from being a climate-friendly and reliable source of energy, the peaceful atom also contributes to the development of science, education, medicine, agriculture and access to water resources. It is worth pointing out the impetus construction of a nuclear power plant gives to the economic growth of each country that makes a corresponding conclusion for itself."

ATOMEXPO

NUCLEAR FOR BETT



Aleksei Likhachev, Director General of Rosatom State Corporation, noted in his speech: “Any of the 17 UN sustainable development goals comes into contact with solutions offered by nuclear technologies.” At the same time, he highlighted the importance of using new knowledge and new technologies: “We need new knowledge. Any country, whether it be a novice or a founder of nuclear power, we all need to preserve and expand the knowledge and demand for nuclear technologies among the population. Only collective use of the global nuclear industry’s resources will allow us to achieve the UN’s sustainable development goals.”



BUSINESS PROGRAMME



ROUNDTABLE

“INVESTMENT IN SUSTAINABLE DEVELOPMENT: OPPORTUNITIES AND CHALLENGES”

The discussion participants stressed that, in order to ensure that products and projects are more innovative and create new technologies, companies need to find modern approaches to resolving the most pressing problems, including raising new investment by seeking unconventional financing mechanisms, developing project financing tools, etc.

The following questions were asked: can the sustainable development agenda ensure development of optimal financial solutions? Will major international players be able to adapt to the new demands or is “sustainable” financing reserved for innovative new companies?



ROUNDTABLE

“BUILDING NUCLEAR INFRASTRUCTURE AS A KEY COMPONENT FOR THE SUSTAINABILITY OF NUCLEAR PROJECTS”

Nuclear infrastructure is essential for successful implementation of national nuclear projects but its development requires special attention.

The participants discussed the following questions:

What are the specific aspects of regulating nuclear projects?

How to build workforce capacity and improve the management system and involvement of industry during nuclear facility construction projects?



ROUNDTABLE

“PROSPECTS FOR DEVELOPING PARTNERSHIPS BETWEEN INTERNAL AUDIT AND BUSINESS”

The roundtable participants discussed ways to make internal control systems more efficient, as this is a significant competitive advantage for businesses.

In the rapidly changing global business landscape, the international professional community needs to consolidate its efforts and develop new tasks and priorities in establishing partnership relations between internal audit and business.



ROUNDTABLE

“PREPARING FOR THE FUTURE: INNOVATIONS AND EDUCATION”

Concerns were expressed that the lack of consistent investment in research and development into new nuclear energy technologies has led to a widening of the knowledge and competence gap in many countries.

Researchers and practitioners working in the nuclear industry around the world have accumulated critical knowledge and practical experience over decades. Yet these specialists are getting older and will soon retire. This means that the knowledge and experience gained will remain in jeopardy until ways can be found for transferring them to the next generation.



ROUNDTABLE

“DIGITAL SOLUTIONS: FROM SPECIALISED NUCLEAR SOLUTIONS TO DEVELOPED INFRASTRUCTURE PROJECTS IN THE ENERGY AND OTHER SECTORS OF THE ECONOMY”

The digital technologies used in the nuclear industry, such as Big Data, artificial intelligence, and new production technologies, are capable of dramatically changing people’s lives in the coming years as they have great potential for achieving sustainable development goals.

There are many examples of digital technologies being applied and tested in the nuclear industry. Digital twins, identification and recognition tools, online diagnostics, and electronic document management have long been established at nuclear power enterprises.

The only thing that remains to be determined is how and which digital technologies in the nuclear industry should be used to achieve the common good.



ROUNDTABLE

“HUMAN CAPITAL AS A FACTOR FOR ECONOMIC GROWTH: FROM NATIONAL INTERESTS TO INTERNATIONAL COOPERATION”

The discussion participants noted that technological breakthroughs provided unprecedented development opportunities for the global economy, yet also set higher standards for human resources.

Structural problems and challenges related to personnel training cast doubt on the speed and effectiveness of many countries' transition to the economy of the future and ability to make full use of their technological potential.

The transformation of global labour markets and global employment, as well as the speed and complexity of technological and social changes, require suitable solutions and a review of international cooperation principles.



ROUNDTABLE

“RESPONSIBLE APPROACH TO THE ENVIRONMENT AND NATURAL RESOURCES”

Deterioration in environmental quality, shortages of natural resources and population growth all mean that environmental aspects are at the forefront of any project. The decision-making process takes into account the project's impact on the environment at the local, regional and global levels.

There is a clear trend in the world for business processes to move towards an eco-marketing approach focused on minimising environmental damage at all stages of the product lifecycle and using the smallest possible amount of natural resources.



ROUNDTABLE

“CARBON-FREE GENERATION IN THE ENERGY OF THE FUTURE”

The global energy market is undergoing a major transformation. More and more attention is being focused on reducing GHG emissions, a gradual transition to distributed generation is under way, digitalisation is on the rise, and use of new technologies is growing in intensity. This transition has a significant impact on the global energy mix, changing the roles of key players on the energy market and improving access to affordable, reliable, sustainable and modern energy.



ROUNDTABLE

“RISK MANAGEMENT: NEW CHALLENGES AND OPPORTUNITIES FOR SUSTAINABLE DEVELOPMENT GOALS ACHIEVEMENT”

The panelists concluded that tougher competition, as well as changes in both market conditions and consumer requirements, are forcing energy companies to improve and adapt their risk management system continuously, among other things, in order to enhance the efficiency of their management models.



ROUNDTABLE

“GLOBAL ALLIANCES AS A CONDITION FOR SUSTAINABLE DEVELOPMENT”

Modern trends in creation of alliances and consortia for implementing construction mega-projects have a multiplying effect on reaching the eighth and the ninth goals of sustainable development. Namely, they promote sustainable economic growth and effective employment, while also boosting infrastructure development, driving sustainable industrialisation and innovation.

Yet the organisational structure of such an ecosystem and the principles of project implementation are changing considerably. A profound understanding of these processes is essential for the construction industry to remain competitive on the global market.



ROUNDTABLE

“HUMANITARIAN SUPPORT OF BUSINESS AND PUBLIC CONFIDENCE: PRACTICES OF COLLABORATING WITH LOCAL COMMUNITIES”

In today's world, the success of foreign economic or foreign trade activity is largely determined by the volume and quality of the humanitarian component of projects. If the public does not accept international business projects, their development becomes more and more difficult. Owing to the specifics of the nuclear industry, it was one of the first sectors in the modern world economy that faced the need to meet public requirements and demands as a direct condition for its existence.



ROUNDTABLE

“GENERATING A SAFER FUTURE TOGETHER”

Successful operation of nuclear power plants is largely conditioned by use of advanced safety technologies. How do operators communicate and share information effectively to bring up everyone’s performance to the level of the industry’s best? What aspects need to be considered by companies involved in building new facilities to simplify the transition from construction to operation, ensuring their safe and timely start-up? Recognising the crucial role of managers in promoting best practices and a strong nuclear safety culture, the experts discussed what needs to be done to enhance leadership skills in the nuclear industry.

The panelists described their experiences of operator collaboration and information and control data sharing to improve performance. They also discussed the challenges faced by new enterprises in the industry and ways to support them. After that, the participants talked about how leadership skills could boost efficiency.



ROUNDTABLE

“NUCLEAR MEDICINE: TRENDS, INNOVATIONS AND BEST PRACTICES”

Today, nuclear medicine is one of the most dynamically developing healthcare areas. The methods used in nuclear medicine have taken the fight against cancer and other diseases to a completely new level owing to their high efficiency and, in some cases, lack of alternatives, in both diagnosis and treatment of many diseases, especially cancer. The purpose of the roundtable was not only to discuss market trends but also to set the course for future research and cooperation in this area.



ROUNDTABLE

“RESPONSIBLE CONSUMPTION AND PRODUCTION: QUALITY MANAGEMENT IN THE NUCLEAR INDUSTRY’S SUPPLY CHAINS FOR INTERNATIONAL PROJECTS”

The key condition for ensuring safety at a reasonable cost at nuclear power facilities is to build reliable supply chains with a vertically integrated, sustainable quality management system.



ROUNDTABLE

“WHAT MIX OF NUCLEAR AND RENEWABLES CAN BEST ACHIEVE SUSTAINABLE DEVELOPMENT?”

The panelists described their own experiences of electricity generation in countries with an energy mix ensuring a low level of carbon emissions, and outlined new requirements for nuclear reactor operators.

They also discussed the prospects of achieving an optimal balance of energy consumption as part of cooperation between energy industry players using different power generation technologies.



ROUNDTABLE

“NUCLEAR TECHNOLOGIES AS A KEY DRIVER OF SCIENTIFIC AND TECHNOLOGICAL INNOVATION”

Development of nuclear energy entails meeting a variety of ambitious challenges in the fundamental sciences, engineering and ecology, among other things. Use of advanced nuclear technologies in industry, medicine and space exploration will promote sustainable industrialisation, foster innovative development and open up new opportunities that were previously inaccessible to these industries.



ROUNDTABLE

“NEW NUCLEAR GENERATION: PARTNERSHIP FOR DEVELOPMENT”

The ongoing development of technologies leads to rapid changes in the economy and business. To meet the demands of tomorrow, we need to identify areas where we can work with the new generation of the nuclear industry that will promote a culture of partnership, cross-functional networking and customer-centricity, within both individual companies and the global nuclear community.



ROUNDTABLE

“THE SUSTAINABLE DEVELOPMENT OF CITIES: THE NUCLEAR INDUSTRY’S CONTRIBUTION”

At its current stage of technological development, the global nuclear industry is making a significant contribution to achieving the UN Sustainable Development Goals. Global nuclear companies are exerting a major influence on the socio-economic development of cities and regions through use of innovative solutions for boosting public access to clean water and desalinating sea water, creating a smart and safe urban environment, developing human capital and improving people’s living conditions and quality of life.



SIGNING OF AGREEMENTS, CONTRACTS AND MEMORANDA



**44 AGREEMENTS SIGNED,
INCLUDING:**



MEMORANDUM OF COOPERATION

in personnel education and training between ROSATOM State Corporation and the Cabinet Minister responsible for innovations and technological development in the Government of the Republic of Serbia.

MEMORANDUM OF UNDERSTANDING

DEVELOPMENT IN THE FIELD OF THE PEACEFUL USE OF NUCLEAR ENERGY BASED ON APPROVED
IN THE REPUBLIC OF SERBIA



SIGNED BY:

For ROSATOM State Atomic Energy Corporation – Alexei Likhachev, Director General

For the Cabinet of the Minister in charge of innovations and technological development, Government of the Republic of Serbia – Nenad Popović, Minister

MEMORANDUM OF COOPERATION

in setting the principles for forming public opinion about peaceful use of nuclear energy between ROSATOM State Corporation and the Cabinet of the Minister in charge of innovations and technological development in the Government of the Republic of Serbia.



SIGNED BY:

For ROSATOM State Atomic Energy Corporation – Alexei Likhachev, Director General

For the Cabinet of Minister in charge of innovations and technological development, Government of the Republic of Serbia – Nenad Popović, Minister

ROADMAP

On establishing Russian–Ethiopian cooperation in building a nuclear power plant (NPP) and the Centre for Nuclear Science and Technology (CNST) in Ethiopia



2019 ATOMEXPO XI
ROAD MAP ON COOPERATION ON THE NPP AND CNST PROJECTS IMPLEMENTATION
ON THE TERRITORY OF THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA

SIGNED BY:

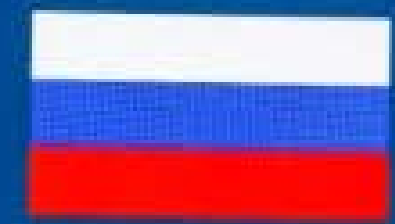
For ROSATOM State Atomic Energy Corporation – Alexei Likhachev, Director General

For the Ministry of Innovation and Technology of Ethiopia – Getahun Mekuria Kuma, Minister

COOPERATION AGREEMENT

between ROSATOM State Atomic Energy Corporation and Pipe Metallurgical Company (TMK)

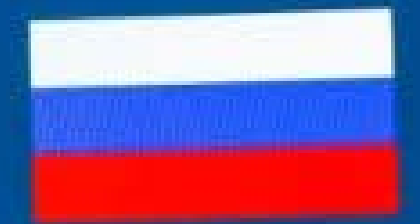
2019 ATOMEXPO XI
AGREEMENT COOPERATION



ALEKSANDER SHIRYAEV

TMK RUSSIA

MEMBER OF THE BOARD OF DIRECTORS,
GENERAL DIRECTOR



KIRILL KOMAROV

ATOMIC ENERGY CORPORATION
"ROSATOM"
FIRST DEPUTY DIRECTOR GENERAL
DEVELOPMENT AND INTERNATIONAL BUSINESS



2019 ATOMEXPO XI

SIGNED BY:

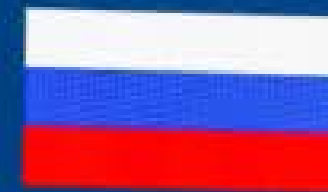
For ROSATOM State Atomic Energy Corporation – Kirill Komarov, First Deputy Director General – Director of Corporate Development & International Business

For Pipe Metallurgical Company (TMK) – Alexander Shiryaev, member of the Board of Directors, General Director

COOPERATION AGREEMENT

between ROSATOM State Atomic Energy Corporation and Sinara Group

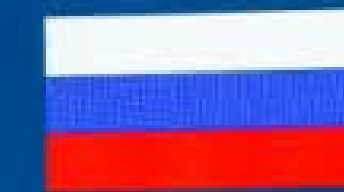
2019
ATOMEXPO XI
AGREEMENT COOPERATION



MIHAIL
HODOROVSKIY

SINARA GROUP

GENERAL DIRECTOR



KIRILL
KOMAROV

STATE ATOMIC ENERGY CORPORATION
"ROSATOM"

DEPUTY DIRECTOR GENERAL
CORPORATE DEVELOPMENT AND INTERNATIONAL BUSINESS



2019
ATOMEXPO XI

SIGNED BY:

For ROSATOM State Atomic Energy Corporation – Kirill Komarov, First Deputy Director General – Director of Corporate Development & International Business

For Sinara Group – Mikhail Khodorovskiy, General Director

COOPERATION AGREEMENT

between Rosatom State Atomic Energy Corporation and Joint Stock Financial Corporation Sistema



SIGNED BY:

For ROSATOM State Atomic Energy Corporation – Kirill Komarov, First Deputy Director General – Director of Corporate Development & International Business

For Joint Stock Financial Corporation Sistema – Andrei Dubovskov, President

ROADMAP

on establishing Russian–
Congolese cooperation in
peaceful uses of atomic energy



SIGNED BY:

For the Embassy of the Republic of the Congo in the Russian Federation – David Maduka, Ambassador.

For ROSATOM State Atomic Energy Corporation – Nikolai Spassky, Deputy Director General – Director of International Affairs Department

MEMORANDUM OF COOPERATION in personnel education and training



SIGNED BY:

For ROSATOM State Atomic Energy Corporation – Nikolai Spassky, Deputy Director General – Director of International Affairs Department

For the Ministry of Science, Technology and Environment of the Republic of Cuba – Fernando González Bermúdez, First Deputy Minister

THE 2nd INTERNATIONAL ATOMEXPO AWARDS PRESENTATION CEREMONY





The ATOMEXPO AWARDS Presentation Ceremony was held on 15 April in Sochi as part of the ATOMEXPO 2019 International Forum. This international professional award is given for contribution to development and use of nuclear technologies to the benefit of humanity.

The award competition was held in five categories.

Fifty-two projects from 25 countries competed for the award, including from Argentina, Bangladesh, Bolivia, China, Czech Republic, Denmark, Egypt, France, Germany, Hungary, India, Indonesia, Japan, Kenya, Mongolia, Morocco, Philippines, Republic of Korea, Russia, Spain, Sweden, Turkey, the United States of America, Uzbekistan and Zambia.

An independent international jury consisting of world nuclear industry experts evaluated each project from a professional perspective and identified 17 nominees, five of them being selected as the best projects during the meeting prior to the Forum.

The awards were handed to the winners by the Chairman of the jury for each category:

- Henri Proglia, member of the Board of Directors of AKKUYU NÜKLEER JSC and Fennovoima Ltd.;
- Fernando Naredo, Secretary General of the European Nuclear Society (ENS);
- Takuya Hattori, Advisor to the Japan Atomic Industrial Forum (JAIF);
- Pedro Porras, Executive Director of the European Nuclear Education Network (ENEN);
- Luis Echávarri, consultant to Ingeniero Industrial.



AWARD WINNERS:

- The “Multipurpose Gamma Irradiator and Mobile Unit with an Electron Beam Accelerator Developed in Brazil” project presented by the Research Institute of Nuclear Energy and the National Commission on Nuclear Energy of Brazil IPEN-CNEN/SP was recognised as the best in the category “Nuclear Technologies: Improving the Quality of Life”.
- The winner in the category “Innovation for the Future” was the Japanese company Marubeni Utility Services Ltd.
- The award in the category “Development of Human Capital” was given to the IAEA project “Nuclear Energy Management School”.
- The Tianwan NPP construction project (China) won the Best Start category award.
- The “Public Acceptability” category award went to the “Creative Energy” project by the Paks NPP (Hungary).



JOINT ROSATOM-IAEA SCHOOL



For the second time, ATOMEXPO hosted the joint Russian–IAEA Nuclear Energy Management School. Delegates from 19 countries took part in this event, which provided an insight into how various aspects of national nuclear power programmes should be addressed.



OPENING THE GREEN SQUARE



Among the most significant events of ATOMEXPO 2019 was the opening of Green Square on Olimpiysky Prospekt in Sochi. The concept of the “green square” implies development of energy on the basis of four carbon-free sources: wind, water, sun and the atom.

This square is a contribution by ROSATOM State Corporation to development of the infrastructure in the Imereti District of Sochi. The opening ceremony including planting of the first seedlings was attended by the heads of the IAEA, the OECD Nuclear Energy Agency, the World Nuclear Association, WANO, the European Commission and Rosatom.

The basis of the square was formed by the plants that formed the Sustainable Development Square at ATOMEXPO 2019 and the central element was an olive tree – the main symbol of this year’s Forum.



REGATTA



The ROSATOM Sailing Cup business regatta, held on the eve of the official opening, is the launch event of ATOMEXPO Forum.

On 14 April, the 6th race kicked off at Sochi's Imereti Port, with ten international teams taking part.

The start signal was given by sailing world champion Ekaterina Skudina.

Fifty top managers, employees of ROSATOM and their foreign partners demonstrated their sailing skills in an intense competition.

The winner was the Alfa boat team, including:

- Alexei Likhachev, Director General of ROSATOM State Corporation
- William D. Magwood IV, Director General of the Nuclear Energy Agency of the Organisation for Economic Co-operation and Development (NEA OECD)
- Zhurabek Mirzamakhmudov, First Deputy Minister of Energy of Uzbekistan, Director of Uzatom Agency
- Bernard Fontana, Chief Executive Officer of Framatome
- Luis Echávarri, Expert Council Member of ROSATOM

Over 500 Forum guests gathered at the Parus (Sail) restaurant and on the waterfront to watch the contest.







FORUM RESULTS FOR 11 YEARS



> 46 000

PARTICIPANTS



85

PARTICIPATING COUNTRIES



>6 000

PARTICIPATING COMPANIES



1 471

SPEAKERS



186

BUSINESS EVENTS

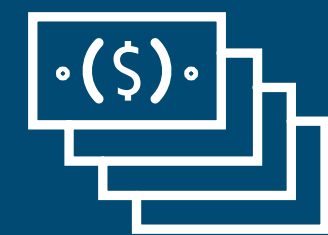


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MEDIA REPRESENTATIVES

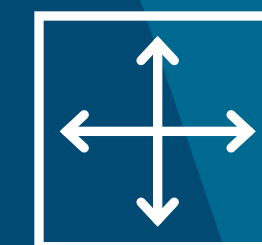
 >500

AGREEMENTS SIGNED



53 BILLIONS \$

THE APPROXIMATE VALUE OF THE AGREEMENTS SIGNED AT ATOMEXPO



>120 000 M²

EXHIBITION AREA

THANK YOU FOR YOUR ATTENTION!



SEE YOU AT ATOMEXPO 2021

2021
ATOMEXPO **XIII**

