



The program
of the Russian
pavilion

COP28

November, 30 – December, 12, 2023
UAE, Dubai





Franz Josef Land archipelago

Photo: Vera Vakulova

TRIUNE DIALOGUE: STATE-BUSINESS-SOCIETY. CONTRIBUTION TO THE CLIMATE AGENDA

November 30
Thursday

10:30 - 11:30

THE OFFICIAL OPENING OF THE RUSSIAN PAVILION

Consolidated position of the state, business and society on the climate change approaches in the context of the Sustainable Development Agenda

12:00 - 13:00

RUSSIAN BUSINESS POTENTIAL TO IMPLEMENT CLIMATE PROJECTS

Corporate cases in companies' climate projects

Scientific developments in the field of decarbonization technologies

13:30 - 14:30

CLIMATE PARTNERSHIPS

Non-excludability of the Climate Agenda

The need for cooperation in solving the problems of the Climate Agenda

15:00 - 16:30

MEETING OF THE RSPP COMMITTEE ON CORPORATE SOCIAL RESPONSIBILITY AND SUSTAINABLE DEVELOPMENT

Coordination of interaction between business and government on the implementation of the sustainable development agenda at the national level and the UN Sustainable Development Goals

Development of national instruments for promoting sustainable development practices & indices for sustainable development of the Russian Union of Industrialists and Entrepreneurs: the information disclosure index "Responsibility and Openness" and the "Vector of Sustainable Development" index, reflecting the dynamics of companies' performance in the field of sustainable development and corporate social responsibility

17:00 - 18:00

JUST ENERGY TRANSITION. CHALLENGES OF THE ENERGY TRANSITION FOR DIFFERENT SEGMENTS OF INDUSTRY AND HUMANITARIAN SECTORS. SIMILARITIES AND CONTRADICTIONS

Energy transition and its integration into business models and supply chains

Humanitarian aspects of the energy transition



URBAN CLIMATE AGENDA OF MOSCOW

December 1
Friday

10:30 - 12:00

**SMART AND SUSTAINABLE CITY:
CONSOLIDATING ENVIRONMENTAL
AND CLIMATE EFFORTS**

14:30 - 16:00

**MOSCOW: A CLIMATE-EFFICIENT
MEGACITY**

12:30 - 14:00

**EDUCATION AND RESEARCH FOR
SUSTAINABLE CLIMATE**

16:30 - 18:00

**PRESENTATION OF THE URBAN
CLIMATE AGENDA REPORT**

Followed by catering



THE
GOVERNMENT
OF MOSCOW



CLIMATE SOLUTIONS DAY

December 2
Saturday

10:00 - 11:00

MARKET MECHANISMS
TO REACH NET-ZERO

15:00 - 16:15

CORPORATE CONTRIBUTIONS TO
CLIMATE PROJECTS

11:15 - 12:30

INTEGRATING WASTE MANAGEMENT
INTO CLIMATE CHANGE MITIGATION

16:30 - 18:00

DIGITAL («SMART») SOLUTIONS IN
SERVICE OF DECARBONISATION

13:00 - 14:30

DRAINED PEATLANDS REWETTING
IN TEMPERATE CLIMATE
CONDITIONS



United Nations
Global Compact

ESG Alliance

CLIMATE AND HUMAN-CENTRICITY

December 3
Sunday

10:00 - 11:00

ASPECTS OF THE CLIMATE AGENDA AS A HUMAN RIGHT TO A SAFE ENVIRONMENT

National regulation

International initiatives

Due diligence principles ahead of the 75th anniversary of the UN Universal Declaration of Human Rights

14:30 - 15:30

THE WORLD THROUGH THE FUTURE LENS: BIODIVERSITY CONSERVATION AND ECOSYSTEM RESTORATION

Contribution of companies to the conservation of biodiversity and restoration of ecosystems

Joint scientific research in the field of conservation of biodiversity and ecosystems

11:30 - 12:30

CLIMATE AND HEALTH

Impact of climate change on human health

13:00 - 14:00

WOMEN'S ROLE IN THE CLIMATE AGENDA

Women's representation in addressing the climate agenda

16:00 - 17:30

INDIGENOUS PEOPLES IN THE CONTEXT OF GLOBALIZATION, CLIMATE CHANGE AND INDUSTRIAL DEVELOPMENT PROJECTS

Providing a favorable living environment for indigenous peoples and preserving their cultural heritage

Creation of sustainable mechanisms for interaction between business and indigenous peoples

Involving representatives of indigenous peoples in addressing the climate agenda

Followed by catering



CORPORATE CLIMATE PROGRAMS AND PROJECTS. APPROACHES TO CLIMATE CHANGE ADAPTATION AND MITIGATION

December 4
Monday

10:00 - 11:30

CORPORATE APPROACHES TO CLIMATE CHANGE ADAPTATION AND MITIGATION

12:00 - 13:00

GREEN AND TRANSITION FINANCE AS AN INSTRUMENT TOWARDS DE-CARBONIZATION. MOST PRESSING ISSUES: PRIVATE FINANCE MOBILIZATION AND ADAPTATION FINANCE

The Session will explore creation of ecosystems, combining financial instruments and climate policies, to attract private investors to finance climate-related projects. Speakers will share best practices in the area of mobilization and de-risking private capital, including blended finance mechanisms, which are expected to play the key role in increasing the overall volume of climate-related financial flows.

13:15 - 14:00

GREEN PROCUREMENT AS AN INSTRUMENT TOWARDS DE-CARBONIZATION

Green procurement as a tool for improving business models, increasing supply chain sustainability and competitive advantage

14:15 - 15:00

CIRCULAR ECONOMY AS A CONTRIBUTION TO THE CLIMATE AGENDA

Search for solutions to activate and apply the circular economy principals to mitigate and adapt climate change

15:20 - 16:50

CLIMATE AND FOOD SECURITY: TOWARDS RESPONSIBLE PRODUCTION AND CONSUMPTION

Innovation and development of scientific and technical cooperation in the field of food security and agriculture to solve global problems and respond to new challenges

17:15 - 18:00

BUSINESS RESPONSIBILITY AND THE VALUE OF BALANCE

Followed by catering



**Yakov
& Partners**

SCIENCE DAY: CLIMATE CHANGE IMPLICATIONS FOR SUSTAINABLE DEVELOPMENT

December 5
Tuesday

09:50 - 14:00

SCIENCE OF CLIMATE CHANGE AND CLIMATE IMPACTS

Welcome (Roshydromet / Ministry of Science and Higher education)

Tatiana Dmitrieva / Anton Shashkin

Melnichenko, A. (RSPP)

Climate change and sustainable development

Gulev, S. (Shirshov Institute of Oceanology, RAS)

Observed and projected climate change: mechanisms and reliability of estimates

Zimov, N. (Pacific Institute of Geography, RAS)

Climate impacts on biosphere and implications for permafrost

Eliseev, A. (Moscow State University / Institute of Atmospheric Physics, RAS)

Global carbon cycle and its role in climate variability and change

Coffee

Gelfan, A. (Moscow State University / Institute of Water Resources, RAS)

Climate change impacts on water resources

Gritsun, A. (Institute of Numerical Mathematics, RAS)

Global climate modelling: from seasonal to centennial predictions

Shkolnik, I. (Main Geophysical Observatory)

Future changes in water balance components across irrigated lands of Central Asia as projected by a high-resolution modeling system

Solomina, O. (Institute of Geography RAS)

Continental glaciers: climate change in the past, present and future: implications for regional water cycle

Makarov, A. (AARI)

Arctic Sea Ice and North Sea Route in climate perspective

Lunch, catering on site

14:00 - 15:50

RUSSIAN CARBON SUPERSITES: PROJECT FOR MONITORING AND ESTIMATING REGIONAL CARBON BUDGETS

Olchev, A. (Moscow State University)

Russian carbon supersites: what did we learn from the first 2 years?

Drapaluk, M. (Voronezh Forest technical University)

Restoration of forest ecosystems and afforestation: challenges for climate projects

Latkovskaya, E. (Sakhalin State University)

Blue carbon potential

Ahmedova, I. (Yugra University)

The role of wetlands in carbon budget

Orlova, L. (Samara carbon supersite)

Agricultural carbon supersites

Gordin, M. (Bauman Moscow State Technical University)

Advances in environmental monitoring technologies

Coffee

15:50 - 19:00

CLIMATE ECONOMY AND ROUTES FOR ADAPTATION AND MITIGATION, DISSEMINATION OF THE RESULTS

Shirov, A. (Institute of Economic Forecasting, RAS)

Development of the system for monitoring and forecasting of GHG emissions for advancing Russian economy

Bashmakov, I. (Russian Centre for Energy Efficiency)

Russia on carbon neutrality pathways to 2060

16:20 - 16:50

Shmeleva, E. (Federal territory «Sirius»)

The upcoming World Youth Festival as a framework for creation and implementation of environmental values

16:50 - 17:30

GENERAL DISCUSSION

17:30 - 19:00

PRESENTATION OF THE "PLEISTOCENE PARK"
PROJECT BY AMF

Followed by catering

ENERGY DAY

December 6
Wednesday

10:00 - 10:45

WELCOME PART

ENERGY DAY OPENING CEREMONY

10:45 - 12:15

ENERGY SECURITY AND SUSTAINABLE DEVELOPMENT

Russia makes a significant contribution to ensuring international energy security and to achieving the Sustainable Development Goals, including Sustainable Development Goal 7. Russia has adopted national strategic documents on long-term energy development and climate change mitigation. Participants will discuss current approaches and solutions to address climate change in the context of ensuring sustainable development of the Russian fuel and energy complex.

12:30 - 14:00

ESG-AGENDA OF THE RUSSIAN FUEL AND ENERGY COMPLEX: OPPORTUNITIES AND PROSPECTS

In the context of a just energy transition, nearly every Russian companies have incorporated ESG principles into their development strategies focusing on low-carbon energy technologies. The session will cover certain aspects of the ESG-agenda in Russia, such as implementing corporate policies and ESG projects in the current environment.

15:00 - 16:30

ENERGY TRANSITION TECHNOLOGIES: INTERNATIONAL COOPERATION

Achieving climate change targets cannot be met without modern energy technologies. Therefore, it is counterproductive to restrict access to advanced, low-carbon technologies artificially. Russia is open to mutually beneficial technological cooperation and ready to share its experience in building sustainable low-carbon or carbon-neutral energy systems. The participants of the session will discuss the development of technologies in the fuel and energy complex, as well as opportunities and prospects for international technological cooperation.

16:45 - 18:00

AHEAD OF THE RUSSIA'S BRICS PRESIDENCY: DEVELOPING ENERGY COOPERATION FOR A JUST ENERGY TRANSITION

Russia on its way to the upcoming BRICS Presidency in 2024 intends to sustain discussions with its partners on issues related to ensuring a just energy transition. The participants will discuss the results of the BRICS Energy Research Cooperation Platform in 2023 on energy security, training of personnel for energy sector, developing national energy transition models, as well as the directions of energy dialog within the framework of the Russia's BRICS Presidency.

NUCLEAR FOR FUTURE GENERATIONS

December 8
Friday

10:00 - 10:30

GATHERING OF GUESTS

10:30 - 10:40

OPENING OF THE DAY

10:40 - 11:25

PANEL DISCUSSION. NUCLEAR POWER FOR EFFICIENT ENERGY TRANSITION

Nuclear generation has the lowest carbon footprint compared to other electricity sources. Presentation of nuclear-based technologies for efficient energy transition. Contribution of NPP projects to the sustainable development of different countries.

11:40 - 11:55

VIRTUAL TOUR. FLOATING NPP

Technical tour to the world's first floating NPP Akademik Lomonosov. Since 2020 it supplies energy and heat to Pevek, which is the northernmost city of Russia.

12:00 - 12:45

PANEL DISCUSSION. SMR SOLUTION AS A FUTURE OF THE NUCLEAR INDUSTRY

Small modular reactor is the most perspective solution of the nuclear industry. Presentation of Rosatom's floating and land-based SMR options. Speakers from different countries will explore SMR specifics in regard of their regions needs.

13:00 - 13:45

DIALOGUE WITH AN EXPERT. NUCLEAR TECHNOLOGIES FOR LOW-CARBON LOGISTICS IN THE ARCTIC

Environmental and climate requirements for doing business in the Arctic. Presentation of the results of environmental monitoring in regard of Northern Sea Rout development.

13:45 - 14:15

VIDEO STORIES. ATOMS FOR HUMANITY

The video project of Rosatom, capturing ordinary people from all over the world telling stories on how nuclear technologies impacts their lives.

14:30 - 15:00

HIGH-LEVEL DIALOGUE. CLIMATE CHANGE IMPACT ON EDUCATION FOR FUTURE GENERATIONS

Education trends aligned with the climate change agenda. Embarking young activists to address the global challenges and raise public awareness. Presentation of the World Youth Festival 2024 in Sochi, Russia.

15:10 - 16:00

PANEL DISCUSSION. SUSTAINABLE LEADERSHIP AND IMPACT MANAGEMENT: YOUTH-POWERED EDUCATION FOR CLIMATE ACTION

Green jobs are the top preferences of young generation when choosing an employer. Young experts will introduce the education course "Sustainable Leadership and Impact Management" and discuss tools for development of green skills.

16:00 - 16:50

PANEL DISCUSSION. WOMEN'S VOICE IN THE GLOBAL DIALOGUE ON CLIMATE ACTION

Women will share their vision of climate challenges and address solutions, which have proved their efficiency in a number of countries and can be subject to international cooperation.

17:00 - 17:50

PANEL DISCUSSION. YOUNG GENERATION INITIATIVES TO PRESERVE NORTHERN ECOSYSTEMS FOR CLIMATE CHANGE MITIGATION

Challenges of degradation of the Northern territories. Efforts of the young generation to preserve northern ecosystems, to ensure efficient development of protected areas.

FOREST-CLIMATE SOLUTIONS. RESPONSIBLE USE OF NATURE FOR THE WELL-BEING OF ECOSYSTEMS

December 9
Saturday

10:20 - 11:40

**COP 26-GLASGOW K COP 28-DUBAI:
FOREST POLICY OF RUSSIA AND
GLASGOW LEADERS DECLARATION
ON FORESTS AND LAND USE:
FOREST-CLIMATE INITIATIVES**

11:40 - 12:50

**ROLE OF FOREST SECTOR IN
ACHIEVING CARBON NEUTRALITY.
PRACTICE AND PROSPECTS FOR
IMPLEMENTATION OF FOREST
CLIMATE INITIATIVES**

13:00 - 14:10

**DOING FOREST BUSINESS UNDER
CLIMATE CHANGE**

How to improve the absorptive capacity of forests and adapt forestry to climate change

Forest Climate projects by non-forestry businesses

Research on assessment of forests' role in meeting Global Climate Goals

14:10 - 14:40

**PROSPECTS FOR MARKETING THE
RESULTS OF FOREST CLIMATE
PROJECTS, GREEN FINANCE AND
NATIONAL CARBON TRADING SCHEMES**

15:00 - 16:30

**DRAINED PEATLANDS REWETTING
IN TEMPERATE CLIMATE
CONDITIONS**

Successful experience and potential for implementing the projects in the Russian Federation

17:00 - 18:00

GREEN SCHOOL - GREEN THINKING

Creating a green educational environment

18:15 - 19:30

**THE CONTRIBUTION OF
RESPONSIBLE MINING TO THE FIGHT
AGAINST CLIMATE CHANGE**

Technologies for responsible subsoil use and water resources use

SIBUR



SCIENCE-BASED APPROACH TO CLIMATE POLICY: PROJECTIONS, PLANNING, PROGRESS ASSESSMENT

December 10
Sunday

10:30 - 12:15

SCIENTIFIC REPORTS: GREENHOUSE GAS MONITORING AND CLIMATE PROJECTIONS AS A DECISION- MAKING BASIS

**Andrey Gritsun, deputy director, Institute of
Numerical Mathematics, RAS**

Development of the Global Earth Climate Model
ESM-RU: Concept, Design and First Results

**Sergey Gulev, head of laboratory, Institute of
Oceanology, RAS**

Ocean Climate Monitoring for Climate Change
Understanding and Adaptation Planning

**Natalia Lukina, director, Center of Forest Ecology
and Productivity, RAS**

Approaches to Estimating Carbon Budget in
Terrestrial Ecosystems Using a National Network
for Carbon Pools and Greenhouse Gas Fluxes
Monitoring

13:00 - 14:30

SEMINAR: PRACTICAL ISSUES OF NATIONAL REPORTING UNDER THE UNFCCC AND PA

**Alexander Nakhutin, head of department,
Institute of Global Climate and Ecology**

Development of National-Specific Emission
Factors for Emissions Estimation in Energy and
Industrial Sectors

**Anna Romanovskaya, director, Institute of Global
Climate and Ecology**

Opportunities for Enhancement and Improving
the Accuracy of the Computational Monitoring
System for Greenhouse Gases and Black Carbon:
Results for 2023

**Anna Romanovskaya, director, Institute of Global
Climate and Ecology**

Digitalization of the National Greenhouse Gas
Inventory

**Alexander Nakhutin, head of department,
Institute of Global Climate and Ecology**

Capacity Building for National Inventory
Preparation: Experience of International
Cooperation of Russian Experts

16:00 - 17:30

PANEL DISCUSSION: NATIONAL CLIMATE CHANGE MONITORING NETWORK: USE FOR THE BUSINESS, BENEFIT FOR THE STATE

Moderator: Ekaterina Salugina-Sorokovaya, first
vice-president, Gazprombank

**Maxim Reshetnikov, Minister of Economic
Development of the Russian Federation –
welcome speech**

**Ilya Torosov, First Deputy Minister of Economic
Development of the Russian Federation**

**Alexander Shirov, director, Institute of Economic
Forecasting, RAS**

**Anna Romanovskaya, director, Institute of Global
Climate and Ecology**

**Tatyana Zavyalova, senior vice-president,
Sberbank**

**Dmitry Artyukhov, Governor of Yamalo-Nenets
Autonomous Okrug**

**Andrey Lisitsyn, head of the Environment and
Technosphere Safety Department, Russian
Railways**



Ministry
of Economic Development
of the Russian Federation



RUSSIAN BUSINESS DAY

December 11
Monday

09:00 - 10:00

WELCOME COFFEE

10:00 - 12:00

INTERNATIONAL MULTILATERAL COOPERATION AS A BASIS FOR ACHIEVING THE GOALS OF THE PARIS AGREEMENT

The Paris Agreement has been a strong driver in the global fight against climate change, but according to preliminary UN data, the world's efforts are still insufficient to meet the goal of limiting the global temperature increase between 1.5°C and 2°C. If carbon neutrality is to be achieved by 2050, countries require new incentives to set more ambitious national climate goals.

Each nation's progress towards these goals can be greatly advanced if a full-fledged system for transferring the outcomes of climate projects and effective multilateral carbon regulation instruments are established.

The panelists will discuss the feasibility of creating an international platform that will enable mutual recognition, accounting and use of carbon units. In particular, BRICS+ will be explored as one of the promising formats for international cooperation in this area.

15:00 - 18:00 **WATER DAY**

15:00 - 16:00

ВОДНЫЕ СОКРОВИЩА РОССИИ

Water treasures of Russia. Demonstration of documentaries about water bodies and eco-educational videos in 360 format

12:00 - 13:00

COFFEE-BREAK

13:00 - 15:00

UNLOCKING THE POTENTIAL OF RUSSIAN CLIMATE PROJECTS

Russia has a large capacity for climate projects, including nature-based solutions and ecosystem-based approaches. If implemented, they may reduce net greenhouse gas emissions by hundreds of millions of tonnes of CO₂ per year.

Russia already has the right infrastructure and regulatory framework to carry out such projects, but their full potential can only be realised through multilateral international cooperation, implied by Article 6 of the Paris Agreement.

This session will discover the outlook for Russian climate projects, including ecosystem-based solutions, trace their global contribution to reducing greenhouse gas emissions, and outline the challenges to such projects and ways of overcoming them.

16:00 - 18:00

PANEL DISCUSSION. WATER AS A STRATEGIC RESOURCE OF THE FUTURE: INTEGRATED WATER RESOURCES MANAGEMENT FOR SUSTAINABLE DEVELOPMENT IN A CHANGING CLIMATE



RESPONSIBLE FINANCE DAY. RUSSIAN FEDERATION PAVILION

December 12
Tuesday

10:00 - 11:15

HOW TO CLOSE THE CLIMATE FINANCE GAP: NEW APPROACHES AND MECHANISMS

Moderator: Tatiana Zavyalova, Senior Vice-President for ESG, Sberbank

Speakers: the Ministry of Economic Development of the Russian Federation, Special Representative of the President of the Russian Federation on Climate Issues, the Central Bank of the Russian Federation, VEB RF, Institute of Chartered Accountants of India

Mobilization of financial resources is essential for overcoming global climate challenges. To succeed the world needs about \$5 trillion of investments annually. Emerging and developing economies will need significant financing to support climate actions.

During the session, speakers will discuss opportunities to mobilize various finance mechanisms to tackle climate challenges. Russian best practice will be presented as well, including the blending mechanism – the Factory of Project Financing.

12:00 - 13:15

HARMONIZATION OF RESPONSIBLE FINANCE INFRASTRUCTURE IN BRICS COUNTRIES: PAVING THE WAY TO COMMON SUSTAINABLE FUTURE

Moderator: Tatiana Zavyalova, Senior Vice-President for ESG, Sberbank

Speakers: the Ministry of Economic Development of the Russian Federation, the Central Bank of the Russian Federation, VEB RF, Tsinghua Innovation Centre (Tsinghua University), representatives of financial institutions of BRICS countries

Prospects of increasing sustainable finance volumes within BRICS and the implementation of joint climate and sustainable projects are directly related to the harmonization of the ESG financial infrastructure of BRICS countries. Moving towards the harmonization is important for increasing the reliability of investments and for reducing capital flow barriers. The joint efforts of the BRICS countries to establish necessary condition for mobilizing climate finance are of particular importance, when the International monetary and Financial system cannot guarantee required inclusive climate investments for developing countries.

During the session, speakers will raise the matter of joint actions of the BRICS countries needed to mobilize climate and sustainable financing. Participants will also discuss prospects for the development and implementation of common recommendations, standards, and requirements in the field of sustainable financing, with respect to BRICS countries priorities in sustainable development. The main steps to harmonize the ESG finance infrastructure will also be proposed.

Followed by catering



RESPONSIBLE FINANCE DAY. RUSSIAN FEDERATION PAVILION

December 12
Tuesday

14:00 - 15:15

FINANCIAL SECTOR: HOW TO ASSESS CLIMATE-RISK MATERIALITY OVER TWO-THREE-YEAR PERIOD

Moderator: Igor Korotetsky, Partner, Head of the Operational Risks and Sustainable Development Group, Kept

Speakers: Sberbank, the Central Bank of the Russian Federation, experts and representatives of Asia-Pacific and the Middle East financial institutions

The risks associated with climate change are one of key topics on the international agenda. Climate change is already having a significant impact on various sectors of the economies of Russia and other countries. Recent heat waves reduced global production by 0.6% this year. In 10 years, in the worst case scenario of climate change, the global warming could cut over credit ratings of 58 countries.

Managing climate risks and limiting their impact on financial sector are crucial for maintaining financial stability of national and international markets. During the session, speakers will cover approaches for climate risk assessment and management developed by international bodies, national regulators and financial institutions. Issues related to practical implementation and integration of these approaches will be discussed as well.

15:15 - 15:45

AI FOR CLIMATE AND ENVIRONMENT. PRESENTATION OF SBER SOLUTIONS

Speaker: Semen Budenny, Head of Advanced AI Technologies, Sberbank

with gratitude



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