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XI INTERNATIONAL FORUM
**ARCTIC: TODAY AND
THE FUTURE**



Saint-Petersburg
December 2–4, 2021

GENERAL PARTNER OF THE FORUM



**PROGRAMME
OF THE FORUM**



STRUCTURE OF THE BUSINESS PROGRAM OF THE FORUM

FIRST DAY. DECEMBER 2, 2021

10:00 – 11:30		PLENARY SESSION: THE ARCTIC IN THE SPOTLIGHT: STATE POLICY AND PUBLIC INTEREST			
BREAK 11:30 – 12:00					
12:00 – 14:00	▶ CONFERENCE: <i>NSR: Consolidation of opportunities for realization of potential Pt1. From the creation of infrastructure and digital services to increasing competitiveness and cabotage development</i>	▲ PANEL SESSION: Bright future: shaping the Arctic energy complex	✕ PANEL SESSION: Basic and applied science for the needs of the Arctic: at the forefront of innovation	● STRATEGIC SESSION: Ensuring social well-being: challenges and growth points	
	● STRATEGIC SESSION: Ensuring social well-being: challenges and growth points	▲ PANEL SESSION: General cleaning of the Arctic: combining the efforts of the state, society, and business	★ ROUND TABLE: The Arctic as a brand: get to know and love it	▲ WORKING SESSION: Renewing geological exploration: a new program of geological study of Arctic subsoil areas	
BREAK 14:00 – 14:30					
14:30 – 16:00	▶ CONFERENCE: <i>NSR: Consolidation of opportunities for realization of potential Pt.2. From safe and reliable shipping to year-round navigation</i>	▲ CONFERENCE: <i>Special economic relations in the Arctic Pt.1. Attracting investment to the Arctic</i>	✕ STRATEGIC SESSION: Digital economy in the Arctic: how do technologies change the reality	○ STRATEGIC SESSION: 25 Years of the Arctic Council: outcomes and plans	
	● PANEL SESSION: Northern dream: keeping the youth in the Arctic	▲ WORKING SESSION: Forests of the Arctic zone and the Far East: effective management and development drivers	▲ PANEL SESSION: Arctic Mining: Intensifying the extraction of solid minerals	▲ STRATEGIC SESSION: Oil and gas complex of the North: ways of development	
BREAK 16:00 – 16:30					
16:30 – 18:00	✕ PANEL SESSION: Shipbuilding as the basis for the implementation of Arctic programs: what kind of fleet does the Arctic need?	▲ CONFERENCE: <i>Special economic relations in the Arctic Pt.2. Implementation of the policy of preferences for the Arctic business</i>	▶ PANEL SESSION: Telecommunications infrastructure in the Russian Arctic: basis for the future	○ PANEL SESSION: Interregional cooperation of the Arctic Council countries: priorities and practices	
	● PANEL SESSION: Personnel Policy in the Arctic: Needs of the business and challenges for education	▲ PANEL SESSION: Waste reform in the Arctic: from discussion to effective solutions	★ ROUND TABLE: Arctic cultural code: development of a creative economy	● WORKING SESSION: The Arctic without a loss: ensuring industrial safety	

SECOND DAY. DECEMBER 3, 2021

10:00 – 12:00		PLENARY SESSION: TERRITORIES OF ADVANCED SOCIO-ECONOMIC DEVELOPMENT: CREATING COMFORTABLE CONDITIONS FOR BUSINESS AND LIFE			
BREAK 12:00 – 12:30					
12:30 – 14:00	▲ STRATEGIC SESSION: Current climate agenda: can permafrost thawing be stopped?	● STRATEGIC SESSION: Arctic security architecture: staying ahead of the curve	✕ WORKING SESSION: Innovations for realization of the Arctic resource potential: equipment, technologies and materials	▲ WORKING SESSION: Arctic and Far East fisheries: catching, processing and transportation	
	▶ WORKING SESSION: Development of air traffic in the Russian Arctic and the Far East: between sky and earth	● ROUND TABLE: Women's role beyond the Arctic Circle: family, career, and self-realization	● ROUND TABLE: Arctic municipalities: a look into the future		
BREAK 14:00 – 14:30					
14:30 – 16:00	▲ WORKING SESSION: ESG: trends of effective environmental management in the Arctic	▲ PANEL SESSION: New gas policy: LNG development program and prospects for its application	● ROUND TABLE: Beloved City: Creating a comfortable environment for living in the North	★ PANEL SESSION: Arctic tourism: new opportunities for the economy	
	▶ WORKING SESSION: Creating transport accessibility in the Arctic: rail, road and inland water transport	★ ROUND TABLE: Future Arctic: startups and innovative projects for the Arctic	● WORKING SESSION: Synergy of cooperation: development of interregional cooperation		
BREAK 16:00 – 16:30					
16:30 – 18:00	▲ WORKING SESSION: Biodiversity conservation and development of SPNAs in the Arctic	✕ WORKING SESSION: Unmanned and robotics technologies for the Arctic: theory and practice	▶ WORKING SESSION: Construction of infrastructure in the northern conditions: specifics and new solutions	● WORKING SESSION: Arctic healthcare: limitations and new opportunities	

THEMATIC DIRECTIONS

- SOCIAL POLICY
- SCIENCE AND TECHNOLOGY
- COMPREHENSIVE SECURITY OF THE ARCTIC REGION
- ARCTIC INFRASTRUCTURE
- ECOLOGY
- REGIONAL DEVELOPMENT
- ECONOMICS
- INTERNATIONAL COOPERATION
- CREATIVE INDUSTRIES IN THE ARCTIC





Project programme from 09.29.21

FIRST DAY December 2, 2021

The Arctic in the spotlight: state policy and public interest

December 2, 2021
10:00 a.m. – 11:30 a.m.

PLENARY SESSION

KEY ISSUES:

- ✦ Legislation improvement, implementation of the State Policy Framework and the Arctic Zone Development Strategy
- ✦ Ensuring sustainable development of the Arctic region
- ✦ Russia in global Arctic dialogue
- ✦ The Arctic for the people
- ✦ Transfer of knowledge and technologies
- ✦ Decarbonization and ecosystem conservation
- ✦ Activities of public institutions in the Arctic development

CONFERENCE:

NSR: Consolidation of opportunities for realization of potential

Pt1. From the creation of infrastructure and digital services to increasing competitiveness and cabotage development

December 2, 2021
12:00 p.m. – 2:00 p.m.

KEY ISSUES:

- ✦ Implementation of state programs for the development of shipping in the Arctic
- ✦ Synchronization of infrastructure modernization, logistics chains and cargo traffic directions
- ✦ Development of coastal transportation
- ✦ What opportunities digital services will provide for shipping?
- ✦ The practice of building efficient logistics in the Arctic zone



- ✦ The Great Northern Sea Route project perspectives
- ✦ Modern technologies of dredging operations
- ✦ Introduction of autonomous and unmanned navigation in the Arctic

Pt.2. From safe and reliable shipping to year-round navigation

December 2, 2021
2:30 p.m. – 4:00 p.m.

KEY ISSUES:

- ✦ Создание условий для международного транзита в Арктике
- ✦ Как обеспечить круглогодичную навигацию по СМП?
- ✦ Влияние изменения климата на судоходство в Арктике и совершенствование гидрометеорологического обеспечения
- ✦ Повышение аварийно-спасательной готовности в Арктике
- ✦ Совершенствование ледокольной проводки
- ✦ Развитие систем навигации и связи в АЗРФ
- ✦ Создание условий для международного транзита в Арктике
- ✦ Подготовка кадров для обеспечения безопасного судоходства в Арктике
- ✦ Обеспечение экологической безопасности и перспективы перехода на альтернативные виды топлива

Bright future: shaping the Arctic energy complex

December 2, 2021
12:00 p.m. – 2:00 p.m.

PANEL SESSION

KEY ISSUES:

- ✦ Creating conditions for international transit in the Arctic
- ✦ How to ensure year-round navigation on the NSR?
- ✦ Impact of climate change on navigation in the Arctic and improvement of hydrometeorological support
- ✦ Increasing the emergency rescue preparedness in the Arctic
- ✦ Improvement of icebreaker escorting
- ✦ Development of navigation and communication systems in the Arctic
- ✦ Creating conditions for international transit in the Arctic
- ✦ Personnel training for safe navigation in the Arctic
- ✦ Ensuring of environmental safety and prospects of switching to alternative fuels



Basic and applied science for the needs of the Arctic: at the forefront of innovation

December 2, 2021
12:00 p.m. – 2:00 p.m.

PANEL SESSION

KEY ISSUES:

- Priority areas of research activities in the Arctic
- Development of material and technical basis for the Arctic research
- Support of scientific research on the Arctic themes
- Scientific research as a foundation for the development of industrial projects in the Arctic
- Applied research and innovative developments of the Arctic science
- International scientific and educational projects aimed at Arctic research

Arctic indigenous peoples: preserving traditions and building a secure future

December 2, 2021
12:00 p.m. – 2:00 p.m.

STRATEGIC SESSION

KEY ISSUES:

- Preservation and development of the traditional way of life, economy and trades of Arctic indigenous minorities
- Improving the Russian legislation on the rights of small indigenous minorities of the North
- Preserving the native habitat of Arctic indigenous peoples in the conditions of industrial development of the territories
- Improving the economic effectiveness of traditional sectors of economy
- Preserving indigenous peoples' languages



Ensuring social well-being: challenges and growth points

December 2, 2021
12:00 p.m. – 2:00 p.m.

STRATEGIC SESSION

KEY ISSUES:

- Life quality of the population of the Russian Arctic zone
- Measures to support and protect the population of the Arctic regions
- Projects of social infrastructure facilities in the Arctic zone
- Corporate social responsibility programs for companies implementing projects in the Arctic zone of Russia
- Social entrepreneurship in the Arctic zone of the Russian Federation
- Modernization of housing and utilities infrastructure in the Arctic
- Raising the standards of everyday life in the Arctic, including high-quality education, sports and cultural programs
- Ensuring food and fuel security in the regions of the Arctic region

General cleaning of the Arctic: combining the efforts of the state, society, and business

December 2, 2021
12:00 p.m. – 2:00 p.m.

WORKING SESSION

KEY ISSUES:

- Measures of economic stimulation of liquidation of accumulated environmental damage objects
- Updating of environmental legislation in the sphere of liquidation of accumulated environmental damage in the Arctic
- Public–private partnership in the sphere of liquidation of accumulated waste
- Public environmental initiatives for the liquidation of accumulated damage
- Prospects for implementation of the Clean Country priority project in the Arctic and expansion of the list of projects in the Arctic
- Problem of hazardous waste disposal
- Responsibilities of subsoil users for reclamation of territories of mining waste disposal



The Arctic as a brand: get to know and love it

December 2, 2021
12:00 p.m. – 2:00 p.m.

ROUND TABLE

KEY ISSUES:

- ✦ Creating a unified brand of the Russian Arctic
- ✦ Ways to promote the Arctic brand in Russia and abroad
- ✦ Role of creative industries development in the competitiveness of Arctic regions
- ✦ How to encourage the promotion of local Arctic products in domestic and international markets?

Renewing geological exploration: a new program of geological study of Arctic subsoil areas

December 2, 2021
12:00 p.m. – 2:00 p.m.

WORKING SESSION

KEY ISSUES:

- ✦ New program for geological survey of Arctic subsoil areas
- ✦ Priorities and projects of geological survey of Arctic subsoil areas
- ✦ Attracting private investments into geological exploration
- ✦ Technologies for geological exploration in the Arctic zone

CONFERENCE:

Special economic relations in the Arctic

Pt.1. Attracting investment to the Arctic

December 2, 2021
2:30 p.m. – 4:00 p.m.

KEY ISSUES:

- ✦ Creating conditions for the accelerated development of the Russian Arctic zone
- ✦ Tax benefits and administrative support for Arctic investors
- ✦ Regional measures to support Arctic investors



- Arctic concession as the basis for large-scale projects in the Arctic
- Arctic Hectare programme for business development in the Arctic

Pt.2. Implementation of the policy of preferences for the Arctic business

December 2, 2021
2:30 p.m. – 4:00 p.m.

KEY ISSUES:

- Preferential regimes in action: dialogue with residents
- Interaction of residents of the Arctic with the supervising bodies
- Attracting preferential financing for implementation of projects of Arctic residents
- Interaction with supervising bodies

Digital economy in the Arctic: how do technologies change reality

December 2, 2021
2:30 p.m. – 4:00 p.m.

STRATEGIC SESSION

KEY ISSUES:

- How to create a digital economy in the Arctic?
- What opportunities does digitalization offer? Prospective areas of digital technology implementation
- Interdepartmental cooperation in digitalization
- Information and telecommunication support for the digital economy in the Russian Arctic

25 Years of the Arctic Council: outcomes and plans

December 2, 2021
2:30 p.m. – 4:00 p.m.

STRATEGIC SESSION

KEY ISSUES:

- Russia's chairmanship of the Arctic Council in 2021-2023
- Russian participation in international partnership institutions
- Main areas of intergovernmental cooperation development in the interests of the Arctic
- Arctic agenda of third countries



Northern dream: keeping the youth in the Arctic

December 2, 2021
2:30 p.m. – 4:00 p.m.

PANEL SESSION

KEY ISSUES:

- Implementation of state youth policy in the regions of the Russian Arctic
- Creating conditions for preserving youth in the regions of the Arctic
- Interaction with opinion leaders and youth communities
- Involvement of youth in sustainable development of the Arctic regions
- Support measures for youth projects: administrative and financial assistance
- Youth entrepreneurship in the Arctic
- Youth platforms for organizing and hosting events

Forests of the Arctic zone and the Far East: effective management and development drivers

December 2, 2021
2:30 p.m. – 4:00 p.m.

WORKING SESSION

KEY ISSUES:

- Assessment of forest reserves in the Arctic and the Far East
- The Strategy for the Development of the Timber Industry until 2030
- New opportunities for the development of timber industry
- Prospects for the development of timber processing in the Arctic
- Reproduction of forests in the Arctic and the Far East
- How to protect forests from fires
- Information on forest resources
- Ways of forestry development: carbon polygons



Arctic mining: Intensifying the extraction of solid minerals

December 2, 2021
2:30 p.m. – 4:00 p.m.

PANEL SESSION

KEY ISSUES:

- Implementation of solid minerals mining and processing projects
- Financial support for the development of solid minerals deposits, mining and processing complexes in the Arctic
- Impact of solid minerals projects on socio-economic development of the Arctic regions
- Infrastructural needs of solid minerals production and processing projects
- Environmental impact of solid minerals development projects in the Arctic
- New technologies for efficient mining and processing of solid minerals in the Arctic region

Oil and gas complex of the North: ways of development

December 2, 2021
2:30 p.m. – 4:00 p.m.

STRATEGIC SESSION

KEY ISSUES:

- Major Arctic oil and gas projects: current status and prospects
- Support for Arctic oil and gas projects
- Energy transition: its impact on Arctic oil and gas projects
- Application of innovative solutions in onshore and offshore development
- Ensuring sustainability of Arctic oil and gas projects
- Applying agile approaches in the oil and gas industry amid uncertainty of the hydrocarbon market
- Diversifying the business of oil and gas companies
- Implementing Carbon Capture, Storage and Utilization (CCUS) projects



Shipbuilding as the basis for the implementation of Arctic programs: what kind of fleet does the Arctic need?

December 2, 2021
4:30 p.m. – 6:00 p.m.

PANEL SESSION

KEY ISSUES:

- Directions of state support for the shipbuilding industry
- Development of domestic shipbuilding for the Arctic. Construction of icebreaker, cruise tanker, salvage and rescue, fishing, river and auxiliary service fleets
- Providing up-to-date ships for the Arctic projects
- Who will build the ordered vessels?
- Tools to attract investments, leasing, crediting
- How do climatic changes influence the ship design?
- Organization of ship repair and modernization
- Innovative technologies and latest constructive solutions for Arctic shipbuilding
- Arctic ship supply chain development
- Staff training for Arctic shipbuilding

Telecommunications infrastructure in the Russian Arctic: basis for the future

December 2, 2021
4:30 p.m. – 6:00 p.m.

PANEL SESSION

KEY ISSUES:

- Prospects for trans-Arctic communication lines
- How to provide the remote regions of the North with sustainable communications?
- Development of satellite communication systems
- Development of fiber optic communication lines in the Arctic
- Telecommunication technologies for use under extreme climatic conditions
- Interdepartmental cooperation in building telecommunication infrastructure



Region to region cooperation of the Arctic Council countries: priorities and practices

December 2, 2021
4:30 p.m. – 6:00 p.m.

PANEL SESSION

KEY ISSUES:

- ✦ Cooperation of regions of the Russian Arctic with the Arctic countries
- ✦ International business projects in the Arctic region
- ✦ International cooperation on Arctic research and sustainable development
- ✦ Development of public diplomacy mechanisms
- ✦ The role of non-profit organizations in developing productive international dialogue

Human capital of the Arctic: Needs of the business and challenges for education

December 2, 2021
4:30 p.m. – 6:00 p.m.

PANEL SESSION

ВОПРОСЫ ДЛЯ ОБСУЖДЕНИЯ

- ✦ Assessment of the recruitment needs of major Arctic investment projects and production facilities
- ✦ New training programs for professions needed in key Arctic industries
- ✦ Personnel training programs of Arctic companies
- ✦ Development of secondary vocational education system
- ✦ Corporate employee care programs
- ✦ Innovative training platforms for Arctic industries

Waste reform in the Arctic: from discussion to effective solutions

December 2, 2021
4:30 p.m. – 6:00 p.m.

PANEL SESSION

ВОПРОСЫ ДЛЯ ОБСУЖДЕНИЯ

- ✦ Specifics of implementation of the waste reform in the northern regions
- ✦ Regional position on the optimization of the waste management system in the Arctic
- ✦ Innovative solutions and modern technologies for waste management in the North



- Improvement of the legislation on waste management
- Cyclic economy: conscious consumption in the Arctic
- The system of separate collection of solid municipal waste in remote settlements

Arctic cultural code: development of the creative industries

December 2, 2021
4:30 p.m. – 6:00 p.m.

ROUND TABLE

ВОПРОСЫ ДЛЯ ОБСУЖДЕНИЯ

- Development of creative economy in the Arctic: current status
- The role of creative industries development in the competitiveness of the Arctic regions
- State support measures for creative projects
- Cultural, creative and sports projects for residents of northern regions
- Preservation of unique culture and traditions of the Arctic peoples
- Arctic heritage as the basis for upbringing of the rising generation and society uniting
- Arrangement of leisure activities for the residents of Arctic regions

The Arctic without a loss: ensuring industrial safety

December 2, 2021
4:30 p.m. – 6:00 p.m.

WORKING SESSION

ВОПРОСЫ ДЛЯ ОБСУЖДЕНИЯ

- Legal and regulatory framework for industrial safety
- Interagency cooperation in ensuring safety in the Russian Arctic
- Issues of prevention, preparation and liquidation of man-made emergencies
- Assessing the risks and socio-economic impact of industrial accidents in the Arctic
- Creation of financial and material reserves for emergencies liquidation
- Vision Zero concept in arctic operations
- Digitalization of industrial safety
- Recovery activities after man-made emergencies



SECOND DAY

December 3, 2021

Territories of advanced socio-economic development: creating comfortable conditions for business and life

December 3, 2021
10:00 – 12:00

PLENARY SESSION

KEY ISSUES:

- New opportunities for the Arctic regions in the context of changing legislation
- Social infrastructure development. How to improve the quality of life in the Russian Arctic?
- Creating comfortable conditions for business and investment. The first results of implementing the law On State Support for Entrepreneurial Activity in the Arctic Zone of the Russian Federation
- Progress of the Arctic Hectare program

Current climate agenda: can permafrost thawing be stopped?

December 3, 2021
12:30 p.m. – 2:00 p.m.

STRATEGIC SESSION

KEY ISSUES:

- Topical climate research
- Implementation of carbon landfill projects in Russia
- Adaptation of population and businesses to climate change
- International cooperation on climate change issues
- Decarbonization of the Arctic industry
- Degradation of the cryolithic zone. Establishment of a national network to monitor permafrost condition
- Implementation of Carbone Free Zone pilot projects to reduce greenhouse gas emissions



Arctic security architecture: staying ahead of the curve

December 3, 2021
12:30 p.m. – 2:00 p.m.

STRATEGIC SESSION

KEY ISSUES:

- ✦ Interagency cooperation and building an integrated security system in the Arctic
- ✦ Challenges and threats to the Russian Arctic
- ✦ Protecting the population and territories of the Arctic zone from natural and man-made emergencies
- ✦ Ensuring public security in the Arctic zone
- ✦ Ensuring the military security of the Russian Federation in the Arctic Protection and defense of state frontier of the Russian Federation
- ✦ Technologies and solutions for safety provision

Innovations for realization of the Arctic resource potential: equipment, technologies and materials

December 3, 2021
12:30 p.m. – 2:00 p.m.

WORKING SESSION

KEY ISSUES:

- ✦ Business cooperation for exploration, extraction and processing of mineral resources in the Arctic
- ✦ High technologies for implementation of Arctic projects
- ✦ The Arctic as a laboratory for developing and testing breakthrough technological solutions
- ✦ Creation of technology transfer centers
- ✦ Program for localization and import substitution of equipment and technologies for Arctic exploration

Arctic and Far East fisheries: catching, processing and transportation

December 3, 2021
12:30 p.m. – 2:00 p.m.

WORKING SESSION

KEY ISSUES:

- ✦ Fishing industry in the Far East and the Arctic
- ✦ Development of the fish processing complex in the Arctic
- ✦ Project for the integrated development of fish logistics in the Far East and the Arctic



- ✦ Fleet renovation for the fishing industry
- ✦ Technologies for storage, processing and logistics of fish products

Development of air traffic in the Russian Arctic and the Far East: between sky and earth

December 3, 2021
12:30 p.m. – 2:00 p.m.

WORKING SESSION

KEY ISSUES:

- ✦ State support of air traffic in the Arctic
- ✦ Development of local and interregional routes in the Arctic
- ✦ Perspective development of aviation equipment for the Arctic
- ✦ Aircraft fleet renewal

Woman's role beyond the Arctic Circle: family, career, and self-realization

December 3, 2021
12:30 p.m. – 2:00 p.m.

ROUND TABLE

KEY ISSUES:

- ✦ Social support for women in the Arctic
- ✦ Narrowing the gender pay gap and ensuring women's access to leadership positions
- ✦ The role of women in modern Arctic exploration
- ✦ Women explorers of the Arctic as an example for the younger generation

Arctic municipalities: a look into the future

December 3, 2021
12:30 p.m. – 2:00 p.m.

ROUND TABLE

KEY ISSUES:

- ✦ Settlements in the Arctic: home or rotational shift?
- ✦ Improving life quality through municipality development: experience and best practices



- Modernizing the social sphere in Arctic cities
- Economic growth points in Arctic municipalities
- Prospects for digital transformation of the Arctic settlements
- The role of city-forming enterprises in the development of towns

ESG: trends of effective environmental management in the Arctic

December 3, 2021
2:30 p.m. – 4:00 p.m.

WORKING SESSION

KEY ISSUES:

- Is the Arctic ready for global ESG transformation?
- ESG issues and green finance in the Arctic zone
- Investments in Arctic environmental and energy projects
- Peculiarities of lending for green projects
- Non-financial reporting and its role in the investment appeal of Arctic companies
- State policy in the sphere of green finance
- Benefits of environmental management

New gas policy: LNG development program and prospects for its application

December 3, 2021
2:30 p.m. – 4:00 p.m.

PANEL SESSION

KEY ISSUES:

- Support measures for Arctic LNG projects
- Creation of infrastructure facilities for the implementation of LNG projects
- Organization of logistic network for Arctic LNG projects
- Equipment and technologies for natural gas liquefaction in the Arctic zone of the Russian Federation



Beloved City: Creating a comfortable environment for living in the North

December 3, 2021
4:30 p.m. – 6:00 p.m.

WORKING SESSION

KEY ISSUES:

- ✦ Features of urban design in the northern territories
- ✦ Formation and implementation of improvement programs in the Arctic cities
- ✦ Creating comfortable urban spaces for the Arctic residents
- ✦ Recent trends and successful cases in the formation of comfortable urban environment

Arctic tourism: new opportunities for the economy

December 3, 2021
2:30 p.m. – 4:00 p.m.

PANEL SESSION

KEY ISSUES:

- ✦ Improvement of normative-legal regulation and creation of the section on Arctic tourism in the Strategy for Tourism Development in the Russian Federation for the period up to 2035
- ✦ Interregional, interdepartmental and international cooperation in the sphere of Arctic tourism
- ✦ Directions for stimulation and promotion of Arctic tourism in Russia and abroad
- ✦ How to make tourism in the Arctic mass?
- ✦ Development of cruise tourism
- ✦ Attraction of investments and creation of supporting infrastructure
- ✦ Best practices of tourist projects creation in the Arctic region
- ✦ What should international standards for tourism in the Arctic be like?



Creating transport accessibility in the Arctic: rail, road and inland water transport

December 3, 2021
2:30 p.m. – 4:00 p.m.

WORKING SESSION

KEY ISSUES:

- Ways to build a unified transport network in the Russian Arctic
- Transport mobility in the Arctic: an utopia or real future?
- Mega-projects as an answer to the problem of transport accessibility of the Polar Regions
- The role and place of railroads in the structure of transport of the Arctic regions
- River navigation: infrastructure development and fleet renewal
- Prospects of using cross-country vehicles for transportation in the Russian Arctic
- Experience of using all-terrain vehicles and snowmobiles for transportation in the Arctic

Future Arctic: startups and innovative projects for the Arctic

December 3, 2021
2:30 p.m. – 4:00 p.m.

ROUND TABLE

KEY ISSUES:

- Increasing entrepreneurial activity in the interests of Arctic development
- Training, mentoring, and project support for aspiring entrepreneurs
- Public and private support for high-tech projects
- Priority areas for Arctic start-ups

Synergy of cooperation: development of interregional cooperation

December 3, 2021
2:30 p.m. – 4:00 p.m.

WORKING SESSION

KEY ISSUES:

- Prospective areas of interaction between polar regions and non-arctic subjects
- Products and services of Russian regions for the needs of the Arctic
- Successful practices of interregional cooperation



Biodiversity conservation and development of SPNAs in the Arctic

December 3, 2021
4:30 p.m. – 6:00 p.m.

WORKING SESSION

KEY ISSUES:

- Current approaches and methods of monitoring Arctic flora and fauna
- Ecosystem practices of the Arctic Council member states. Results and best practices
- National genetic information base for research and conservation of rare and endangered species of the Arctic zone
- Cooperation between government and business in implementing biodiversity conservation projects
- Effective methods for biodiversity conservation and reproduction
- The role of CSR in sustainable development and conservation of the unique nature of the North
- Development of ecotourism and eco-education in protected areas of the Arctic zone

Unmanned and robotics technologies for the Arctic: theory and practice

December 3, 2021
4:30 p.m. – 6:00 p.m.

WORKING SESSION

KEY ISSUES:

- Arctic drones: experience in use and ways of development
- Prospects for the use of unmanned transport for cargo delivery to offshore fields and other infrastructure facilities in the polar region
- Drones in search for new deposits
- Arctic robotics: characteristics and perspectives
- Submarine robotics and exploration on the Arctic shelf
- Robotics and UAVs in polar region services
- Updating the regulatory framework in the field of unmanned technologies



Construction of infrastructure in the northern conditions: specifics and new solutions

December 3, 2021
4:30 p.m. – 6:00 p.m.

WORKING SESSION

KEY ISSUES:

- Improvement of the regulatory framework related to the construction and operation of buildings and structures in the polar macro-region
- Permafrost degradation: assessment of risks for construction projects
- Ensuring safe operation of residential buildings and structures in the Arctic zone of the Russian Federation
- Modern technologies and materials for construction under severe climate conditions
- Construction and operation of buildings in the Arctic conditions
- Logistic peculiarities of construction and exploitation of polar infrastructure

Arctic healthcare: limitations and new opportunities

December 3, 2021
4:30 p.m. – 6:00 p.m.

WORKING SESSION

KEY ISSUES:

- Main measures to modernize the healthcare system in the Arctic
- Improving the availability and quality of medical care in the polar regions
- New technologies and approaches in Arctic medicine
- Support for specialists working in the regions of the Russian Arctic

** The draft programme may be changed*