**CONCEPT**

**of the International exhibition of high-tech**

**and equipment for the Arctic, Siberia and the Far East**

**“VTTA-Omsk-2015”**

 **(October 7-8, 2015, Omsk city)**

Objectives of the exhibition:

- developing scientific, technological and industrial cooperation between high-tech enterprises, scientific and educational institutions, corporate clients, federal and regional customers at intersectoral, interregional and international levels for implementation of infrastructure projects and national security of the Arctic, Siberia and the Far East;

- demonstrating promising research and development projects, technology and products for further development of the Arctic, Siberia and the Far East;

­- discussing problems and putting forward proposals for applying scientific discoveries and innovations that will help to qualify experts for the implantation of projects aimed at development of the Russian Arctic zone.

Subject matter of the exhibition:

- machinery, equipment and technologies for reliable operation of industrial, transport and social infrastructure in Russian northern regions;

- machinery, equipment and technologies for the protection of natural resources and national security of the Arctic, Siberia and the Far East;

- Best available technology for solving issues regarding the Arctic environment

Exhibits:

- special-purpose vehicles and equipment, transportation and construction equipment;

- systems for communication and control, processing, transmission and protection of information, monitoring and diagnostic;

- equipment and materials adapted for permafrost and low temperatures;

- means of prevention and elimination of emergencies consequences;

- power supply and energy saving technologies for industrial and social infrastructure;

- food and clothes for remote regions with low temperature conditions.

The exhibition will be attended by:

- representatives of the Government of the Russian Federation, State Duma and the Federation Council of the Federal Assembly of the Russian Federation, federal and regional authorities;

- representatives of specialized working groups of the State commission on the Arctic development;

 - representatives of the Russian Academy of Sciences, public institutions, scientific organizations and universities;

- Russian developers and manufacturers of high-tech products, modern materials and technology;

- representatives of foreign countries and foreign companies that develop and manufacture high-tech products and technology;

- representatives of Russian and foreign corporate customers.

Exhibition venue:

Business events will be held in the Congress hall of the Omsk regional Expocenter during the Exhibition.

The “VTTA-Omsk-2015” Exhibition will be held at the Omsk regional Expocenter. It will cover the total area of 17000 sq.m., that includes 7000 sq.m. of the exhibition pavilion and 10000 sq.m. of outdoor area.

Business program of the exhibition:

1. **Off-site meeting of the Expert Council for the Arctic and Antarctic of the Council of Federation of the Federal Assembly of the Russian Federation**

 Topic: “National objectives for the implementation of priority infrastructure projects aimed at the development of the Arctic Zone of the Russian Federation. National security of its territory”

2. **Plenary session**

Topic: “Organizing an interregional scientific, technical and industrial cooperation for the development of the Arctic, Siberia and the Far”

3. **Discussion forum**

Topic: “Arranging the appliance of scientific and technological solutions of the Russian Academy of Sciences (RAS), public academies and inter-sectoral science for the development of the Arctic, Siberia and the Far East”

4. **Round table discussion**

Topic: “Best available technology is a way of solving environmental issues in the Russian Arctic zone”

5. **Round table discussion**

Topic: “Cooperation of high-tech industrial companies with “Gazprom” JSC under the conditions of Territory Roadmaps considering the infrastructure development in Russian northern regions”

6. **• Round table discussions with “Gazprom” JSC, “Gazprom neft” JSC, “NK “Rosneft” JSC, “AK “Transneft” JSC, “SIBUR Holding” PJSC, "MMC "Norilsk Nickel" OJSC, “NOVATEK” JSC, the authorities and companies of the Republic of Sakha (Yakutia) and Krasnoyarsk Territory**

Topic: “Import substitution for social and economic development of Russian northern territories”

7. **Working session**

 Topic: “Potential of Russian agricultural manufacturers for victualling the Arctic, Siberia and the Far East”. Round table discussion Topic: “Solution of victualling issues in the Arctic zone of the Russian Federation and adjacent territories”

8. **Panel discussion**

Topic: “Research and development projects of young research scientists as an important factor in the development of the Russian Arctic zone, Siberia and the Far East”

9. **Working session**

Topic: “Participation of small and medium-sized enterprises in the development of industrial and social infrastructure of the Russian Arctic and adjacent territories”

10. **III International scientific and technical conference “Radio engineering, electronics and communication” (RE&С-2015)**