**Architecture of the Program of the All-Russian Water Congress 2020 “Water resources - national priorities and challenges. New areas of economic and technological development of the water sector”**

**October 1, 2020**

* Presentations of promising projects of the water sector development for financing in the constituent entities of the Russian Federation.
* PPP in the water sector: organizational, economic and legislative steps.
* Best practices and projects of the sustainable water resources management in industry: investments, technologies, prospects.
* Efficient water use in the agro-industrial complex. Measures of economic encouragement and enforcement of implementing water conservation measures by the organizations of the agro-industrial complex.
* Green financing: practical tools of targeted investments in environmental and nature conservative measures.
* Federal project “Clean Water”: from inventory to upgrade. Best regional practices of renovating water supply systems.
* Programs of the Housing and Utilities Reform Support Fund for the upgrade of public utilities.
* Federal project “Preservation of unique water bodies”: assessment of the first results.
* Environmental engineering as an opportunity for the national support of programs to improve the environmental efficiency of the water industry.
* Revised version of the Federal Target Program "Development of the Water Management Complex": goals, objectives, implementation tools.
* The federal project “Rehabilitation of the Volga River” - the construction phase!
* Development of human resources and educational potential of the water industry.
* PPP-based water transport infrastructure development.

**With the support and participation of:**

State Duma, Federation Council, Ministry of Construction of Russia, RF Ministry of Natural Resources, RF Ministry of Economic Development of Russia, RF Ministry of Finance, RF Ministry of Industry and Trade, RF Ministry of Agriculture, RF Ministry of Transport, Rosvodresursy, governors, SC “Housing and Utilities Reform Support Fund”, heads of cities and municipalities, Vnesheconombank, Sberbank, VTB.

**October 2, 2020**

* The role of Russia in achieving the UN sustainable development goals in relation to “Clean Water and Sanitation” (SDG-6).

### The United Nations Industrial Development Organization (UNIDO) program to achieve the UN Sustainable Development Goals in the area of “Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation” (SDG-9).

* Water as a commodity product: problems and prospects of regulating the market for packed drinking water.
* Opportunities and prospects of international scientific, technical and innovative cooperation in the field of water use in the countries of the Eurasian Economic Union.
* Development of unified approaches to sustainable water use for Russia and the EAEU countries. Standardization and technical regulation in the field of water use.
* Improving the environmental legislation in the field of water resources management.
* Sustainable water resources management in the Fuel & Energy Complex (FEC).
* Directions and priorities of state energy management in the field of water use.
* Water supply and sanitation in small towns and cities: how to improve the quality of life and provide rural communities with high-quality communal infrastructure?
* Digital transformation of water management: the role of the state and business challenges.
* Digitalization of river basins: new models of management and efficient use of water resources.
* Federal project “Inland Waterways” as a driver for the development of the economic potential of the water industry.
* Problems of wastewater discharge onto the terrain: analysis and solutions.

**With the support and participation of:**

State Duma, Federation Council, RF Ministry of Industry and Trade, RF Ministry of Energy, RF Ministry of Agriculture, RF Ministry of Transport, RF Ministry of Natural Resources, RF Ministry of Construction, RF Ministry of Communications, Rosvodresursy, Rosmorrechflot, governors, heads of cities and municipalities, Eurasian Economic Commission, Analytical Center under the Government of the Russian Federation, UNIDO, Environmental Fund named after V.I.Vernadsky.

**October 3, 2020**

* Project evaluation in the field of water use within the frames of implementing “Ecology” national program.
* Russian technologies and equipment for implementing the federal water projects: needs assessment and production prospects.
* Potential use of technologies and solutions of the military-industrial complex in the water industry.
* Compiling the programs of the reliable control of water quality. Transition from control to the management of water resources quality.
* Federal project "Introduction of BAT": the first results of the environmental and technological upgrade of water use.
* Information and technical reference books on BAT – unification of requirements to the assessment of the impact on water resources.
* Federal project “Preservation of Lake Baikal**”:** analysis of environmental measures planned for the implementation in 2020 and assessment of the status of its implementation.
* Digitalization of the water sector in Russia: how can information technologies respond to the current environmental challenges?
* Perfect technologies for the water industry. How to evaluate and what to consider while choosing technical solutions. Life cycle costs as a component of the technological development of the water industry.
* Water in the transportation industry: wastewater treatment and disposal in railway, air and water transport.
* Wastewater sludge utilization and reuse: from theory to practice.

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State Duma, Federation Council, RF Ministry of Industry and Trade, RF Ministry of Communications, RF Ministry of Defense, Agency of Technological Development, BAT Bureau, SC “Housing and Utilities Development Support Fund”, RF Ministry of Transportation, Rosmorrechflot, Russian Railways.