

**19.07.2017****United Aircraft Corporation and RUSNANO Have Entered into the Agreement on Strategic Cooperation**

*Products of RUSNANO portfolio companies (Li-ion batteries and composite materials) may be used in the creation of modern civil and military aircraft, manufactured by the companies of UAC*

Within the framework of the International Airshow MAX-2017 United Aircraft Corporation and RUSNANO have signed an agreement on strategic cooperation in the field of implementing the projects on the development of the component base, materials of aircraft industry and development of products for long term manufacturing of aircraft machines for military and non-military purposes on the basis of nano-technologies.

RUSNANO portfolio companies will be involved in the participation in tenders for research and development works, manufacturing of components and component base, including for the development of the unified new generation aircraft accumulator battery. A RUSNANO portfolio company, Liotech-Innovations, may become one of the tender participants for the creation of such battery type. Creation of such accumulator will make it possible to replace six types of different batteries now used in the domestic aviation.

New generation aircraft batteries will make it possible to ensure the significant increase of the flight radius in the standby mode, reduced life cycle cost and will have better technical characteristics (larger capacity—up to 60%, lesser weight—by 30%).

It is planned that a RUSNANO portfolio company, Prepreg-SKM, will participate in the creation of the wing mechanization elements on the basis of the domestic composite materials as the prepregs supplier. These materials will be used for aircraft SSJ 100, and in the future maybe MS-21. The expected profit from implementing new mechanization of SSJ-100 will bring a significant economic effect to the aircraft producer.

RUSNANO and UAC are in a long-standing and fruitful cooperation. In particular, Prepreg-SKM company has supplied composite materials for Sukhoi company. Aircraft repair plants of UAC use the inventions of another RUSNANO portfolio company, Plakart, for the extension of the transportation aircraft resource with the help of gas-thermal evaporation of protective coverings.

“Such hardest technological field as the aircraft engineering is potentially one of the most interesting markets for us. We create joint working groups, entrusted with serious tasks to visit almost every our existing plants and assess which task may be given to them not only in terms of manufacturing the existing products, but also in terms of its upgrade for the purpose of being used in the field. The most important task for us is also to enter the civil aircraft engineering with carbon fibre. At the moment, our composite material is used only in the military aviation. Potentially it is all about using it not only when manufacturing the



aircraft, but also in the helicopter engineering”, the Chairman of the Board of the Management Company RUSNANO **Anatoly Chubais** emphasized.

“We have gained a vast experience in cooperating with RUSNANO and we plan to develop it. Company’s technologies have been implemented in the aircraft engineering for many years. We intend to use and to develop the best inventions of our colleagues for the purpose of increasing the competitiveness of our machines on the global market, accelerating the modernization and creating new machines”, so President of UAC **Yuriy Slyusar**.

#### **About RUSNANO**

**RUSNANO** was founded as a joint stock company in March 2011, through reorganization of state corporation Russian Corporation of Nanotechnologies. RUSNANO is instrumental in realizing government policies for nanoindustry growth, investing in financially effective high-technology projects that guarantee the development of new manufacturing within the Russian Federation. The company invests in nanotechnology companies directly and through investment funds. Its primary investment focus is in electronics, optoelectronics and telecommunications, healthcare and biotechnology, metallurgy and metalwork, energy, mechanical engineering and instrument making, construction and industrial materials, chemicals and petrochemicals. The Government of the Russian Federation owns 100 percent of the shares in RUSNANO. By the moment thanks to RUSNANO’s investments 73 plants and R&D centers are launched in 28 regions of Russia.

**Management of the investment assets of RUSNANO** are carried out by a limited liability company established in December 2013, RUSNANO Asset Management. **Anatoly Chubais** is Chairman of its Executive Board.

Work to establish nanotechnology infrastructure and carry out educational programs is fulfilled by RUSNANO’s **Fund for Infrastructure and Educational Programs**, which was also established during the reorganization of the Russian Corporation of Nanotechnologies.

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