

Official edition
Of the Union of Composites Manufacturers
With the assistance of the magazine
«Composite World»

Industry Newsletter

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Composite Materials



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**UNION OF COMPOSITES
MANUFACTURERS**

1. THE UNION ACTIVITY

The state program of the Russian Federation “Development of the industry and increasing its competitiveness” has been approved redrafted



The state program of the Russian Federation “Development of the industry and increasing its competitiveness” has been approved redrafted by the Decree of the Government of the Russian Federation № 997-r as of June 19, 2013.

The alterations brought in the state program concerns two subprograms.

The new revision of the subprogram 14 «Development of the production of the composite materials (composites) and products from them» was prepared by the Ministry of Industry and Trade of Russia together with the Union of Composite Manufacturers, FSUE “VIAM” and other interested organizations of the industry and includes the realization of three basic events instead of one directed to the formation of the base for creation and development of the modern industry sector of composite materials, structures and products from them.

1. Creation of the system for development, implementation and accompaniment of exploitation of the composite materials, products and structures in the civil industry sectors.
2. Development of the technologies for the production of the complex of composite materials of new generation, products and structures from them.
3. Development and realization of the system of the measures providing the priority rates of the industry development and consumption of the products of composite industry.

The government support of the development of composite industry in the context of the realization of the subprogram 14 answers the national interested of Russia, provides the technical, technological and economic safety of the country and global competitiveness of the Russian economy as well as allows to avoid the degradation of the domestic technological base in the sphere of the production and application of composite materials (composites).

The basic expected results of the realization of the indicated subprogram are the growth of the volume of the domestic production of the composite industry products that will constitute 120 milliard Rubles to 2020 and the per head consumption volume of the industry products will constitute not less than 1.5 kg to 2020.

Among this the basic event 4 – “Development and realization of the “road map” in the sphere of engineering and industrial design as well as the other measures of support of the engineering activity” is pointed out in a new version in execution of the decree of the Government of the Russian Federation as of 28th of December, 2012 in the frames of the subprogram 17 «Provision of the realization of the state program».

In the context of this event there will be planned the development of the “road map” in the sphere of the engineering and industrial design in the foundation of which the measures of the institutional support of the development of the engineering centers in the Russian Federation, the normative and legal regulation of their activity, the realization of the perspective pilot projects for creation and development of the engineering centers of the free access will be put.

2. INDUSTRY NEWS

A new factory for SMC-materials production will be built in Petersburg

The composite materials factory priced at 2.9 billion Rubles will be created in Petersburg to 2016. Smolnij signed the corresponding memorandum of intent with the company LLC «NefteTechnologii» in the frames of Petersburg International Economic Forum - 2013.



SMC-materials and foam glass being produced by the company will be used in the aviation, nuclear industry, ship building and automobile manufacturing. They are also used in the production of concrete, antinoise and fire retardant panels.

«Nowadays we conduct the negotiations with the municipal administration about renting the land plot with the square 8.8 ha in the industrial zone "Izhorskie zavodi for the period of 49 years, – informed Andrey Ribak, the member of the Board of Directors of "NefteTechnologii". – It is planned to launch the first stage of the project priced at 70 mln Rubles to 2014. The second stage will start working in 2016 – the investments to it constitute 2.2 bln».

As Ribak noted the factory will be able to produce 8 thousand tons of SMC-materials and 60 thousand cubic meters of foam glass per year. The payback time of the project will constitute about 5 years. Today the company certifies its developments.

<http://news.mail.ru>

The composite materials produced in Kabardino-Balkarskaya Republic (KBR) will be used in the construction and housing and public utilities

The Ministry of Industry and Trade of KBR finished the development of the subprogram "the Production of the composite materials and products from them" of the State program "Development of the industry and trade in Kabardino-Balkarskaya Republic for the period up to 2016".

It is planned to include a number of the innovative pilot projects for implementation of the polymer composite materials, structures and products from them recommended for the application during the construction, repair and reconstruction of the objects of capital constructions and infrastructure of housing and public utilities into the subprogram.

At present time there are two profile enterprises in the Republic – LLC "Nalchikskij factory of composite materials" and LLC "Research and Production Company" Teploservice" that produce the FRP pipes produced by the technology of continuous winding and metallopolymeric pipes of small diameter for waterworks and heating systems.

The production methods, technological equipment and products (protected by the international and Russian patents), know-how projects as well as the sufficient raw materials base applied on these enterprises allow the implementation the advanced innovative developments to the current production process. It will provide the possibility to produce the quality products for the low prices for the enterprises of Kabardino-Balkarskoj Republic that will become the most important competitive advantage on the composite materials market.

<http://president-kbr.ru>

It is planned to open the production of the ships from composite materials in Krasnoyarsk

More than 20 projects of the passenger river ships from composite materials were presented in Krasnoyarsk during the meeting for development of the river passenger transport in which the representatives of the companies "Composite shipbuilding", CJSC "Morskaya tehnika" and the Business Club of Shanghai Cooperation Organization took part. In prospect it is planned to open the Shipbuilding Center from composite materials in the city.

As Leonid Fedorov, the general director of OJSC "PassengerRechTrans" informed that the specialists of the company chose three types of the projects of the ships from 20 variants provided that can be used to transport the passengers in Enisejsk river basin. These are the water taxi for 36 and 48 seats, the pleasure boat for 120 seats and speed catamaran for substitution of water displacing crafts.

Three ships work on the line Krasnoyarsk – Igarka and Krasnoyarsk – Dudinka during summer 2013: motor vessels "Valery Chkalov" and "Alexander Matrosov", the diesel-electric ship "Mikhail Lermontov", the service life of which constitutes more than a half of the century.

«The renovation program of the river transport has been developed in Krasnoyarsk region. There is the demand for eight new passenger ships of different type in the region. Considering that the price of the ships construction from composite materials is 30-35% cheaper than from the traditional steel and aluminum, this direction of shipbuilding is the most perspective», - Leonid Fedorov told.

By his words during the meeting there was achieved the agreement of performing the preliminary justification calculations and Front End Engineering Designs on the basis of technical task of OJSC "PassengerRechTrans" for passenger catamaran for substitution of water displacing crafts.

The catamaran is designed for 120 seats; the travel speed is up to 35 km/h. All cabins in it will be equipped with the WC, the passengers can rest in the restaurant for 30 seats. Having low-level boarding a new ship can approach even not equipped land. Due to high speed the catamaran can ply a voyage during 5 days from Krasnoyarsk to transpolar Dudinki and back.

«The meeting of the heads of governments of Shanghai Cooperation Organization will be conducted in October. To include the question to the notice paper of the meeting to that time it is necessary to prepare the documents with justification of the project advisability, area selection and other raw materials for creation of the Shipbuilding Center from composite materials in Krasnoyarsk city», - Leonid Fedorov told.

<http://alltransnews.ru>

It is planned to create the industrial park "Composite City" in Tver

A new industrial park is planned to be located on the territory of Tver enterprise of OJSC "Tverstekloplastik". The question of creation of "Composite City" was discussed on 20th of June on the session of the Permanent Committee for economic policy, investment activity and entrepreneurship of the Legislative Assembly of Tver Region.

It is reminder that the law "Of measures of state support and development of the industrial parks" was accepted on 28th of April 2010 by the initiative of the speaker of regional parliament Andrey Epishin. The law has systemized and reinforced the measures of the state support of the industrial parks creators in Tver region, thereby increased the investment attractiveness of the oblast. Having received the status of the "industrial park" the enterprise can reckon on the state support.

OJSC «Tverstekloplastik» addressed the regional Government with the request to provide the status of the industrial park to the produc-

tion site. The Government, in its turn, prepared the petition to the Legislative Assembly of Tver region. Exactly the parliament makes the final decision of assignment of the "industrial park" status to the production complex.

As it was explained on the session of the profile committee the representatives of OJSC "Tverstekloplastik" that the enterprise territory is 13 000 square meters of free area among which 10 000 square meters is the production site, 2000 square meters – storage facilities, 1000 square meters – offices. It is planned that a new Industrial park will have the following partners – enterprises for the production of parts from FRP and composite materials: OJSC «Tverstekloplastik» - the management company of the future industrial park, LLC «STEKLONIT Management», LLC «KOMPOZITSNAB», LLC «Russintech», LLC «Arset – Tver glass meshes» and enterprises for the realization of these products: LLC «Armplast», LLC «Mebel - Grad», LLC «TSH», LLC «Utecs», IE «Sarkisyantc». The industrial park will be located in the industrial zone of Tver city – Pasha Saveljev street, 45, the realization of the project is up to 2016.

Together with the "industrial park" status the business supposes to get the government support provided by the lay "Of measures of the state support at the creation and development of the industrial parks". Replying to the deputies answers the head of the financial and economic department of OJSC "Tverstekloplastik" Maria Mikhailova explained that primarily the business hopes to get the tax deduction in the frames of the law as well as the support of the infrastructure development. In money terms the future industrial park estimates to get 112.5 mln Rubles of state support up to 2016 for the modernization of engineering communications and roads repair.

The Committee for economic policy, investment activity and entrepreneurship approved the proposal of assignment of the "industrial park" status to the production complex on the site of OJSC "Tverstekloplastik". The question of status assignment will be brought to the discussion on the plenary meeting of the Legislative Assembly of Tver Region.

3. ADVERTISEMENT

MAKS – 2013



In the context of the XI International aviation and aerospace saloon MAKS – 2013 the Union of Composite Manufacturers together with the Union of aviation manufacturers will conduct **Science and practical conference «Composite materials in civil and military aircraft production»** on August 30, 2013.



One of the main obstacles impeding the wide use of composite materials in Russia is the lack of a proper dialogue between the designers, researchers, manufacturers and users of modern materials. In this conference, Russian and international leading manufacturers of composite materials for the aviation industry will present their latest achievements.

Location: Moscow oblast, Zhukovskij city,

The basic topics of the conference:

- Latest scientific achievements and their implementation in the aviation industry;
- New methods of design and manufacturing of components from composite materials for the aviation industry;
- State-of-the-art materials and equipment for the production of parts and components from composite materials for the aviation industry;

- Design and forecasting of the features of composite materials for the aviation industry;
- Composite materials in the design, assemblies and details of aircraft: application and implementation experience

Conference visitors include representatives of Russia's and CIS' largest airplane and helicopter manufactures S.V.Ilyushin Aviation Complex, Sukhoi Civil Airplanes, Irkut Corporation, G.M. Beriyev Taganrog Aviation Research Complex, Helicopters of Russia (Vertolyoty Rossii) Rostov Production Complex; manufacturers of aircraft parts and components such as Aviastar-SP, Aerocomposite as well as manufacturers and sellers of composite materials, raw materials and semi-finished products, software developers, researchers, and journalists from dedicated media. More than 200 industry experts visited the conference organized during the MAKS-2011 Salon.

We are pleased to invite you to participate with a presentation of your company's / institute's latest achievements in the area of manufacturing and application of composite materials for the aviation industry.

The conference is an excellent opportunity to tell about your achievements and developments to the entire Russian aviation industry, find new partners and establish useful contacts.

Presentations telling about scientific research or practical developments are free of charge. Presentations containing advertising or marketing information about the company's products and services are made on a paid basis EUR 500 per presentation.

The length of a presentation is 15 minutes; presentations in English will be interpreted into Russian.

If you would like to make a presentation, you are kindly asked to send an application together with the presentation / summary of your speech to the Organizing Committee before 10 July 2013 to the address: manager@uncm.ru.

The Committee will include speeches in the programme based on the subject and summary / full presentation. Summaries and presentations accepted by the Organizing Committee will be published in the conference digest, which will be distributed free of charge among conference visitors and industry experts.

Participation as the listener is **FREE OF CHARGE** (*the listeners will be the entrance ticket for MAKS personally*).

The organization committee of the event:

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