

## INDUSTRIAL WEEKLY INTERNATIONAL

## DSE Vietnam 2019

Approved and endorsed by the Ministry of Defense and the velopment of technology to nar- import and export of indus-Ministry of Public Security, the Department of Equipment and Logistics of the Ministry of Public Security, General Corporation of Economic and Technical Industry of the Ministry of National Defense, EIFEC Co. Ltd and EXPO SERVICES Pte Ltd will hold the International Exhibition and Conference on Defense and Security Expo Vietnam 2019 (DSE Vietnam 2019) from 2-4 October 2019 at Hanoi International Exhibition Center, 91 Tran Hung Dao, Hanoi City.

For the Ministry of National De-turing enterprises to work and refense, DSE Vietnam exhibits and seminars are said to be an activity in line with its policy of gradually modernizing the armed forces and strengthening their defense potential to maintain a military strength at a level necessary to ensure the defense and combat readiness of the defense forces. It includes a policy of expand- Security and its partners, the proing foreign relations and defense cooperation with other countries and participating more actively rity image and status in the interin defense cooperation activities at the regional and international levels. At the same time, curity anticipates the world the Event will also be a good opportunity for cadres and soldiers of the People's Army to direct- many unpredictable factors imly learn and update themselves on the most advanced equipment and technologies avail- ing Vietnam. Economic globalable at the Exhibition as part of ization creates opportunities but their continuing education and professional training to improve their combat readiness. In addition, it is also an opportunity for the Ministry's defense manufac-

ceive the transfer of repair and replacement technology and new production of defense components and products from leading defense manufacturers and experts at the Exhibition. With the co-organization of the Department of Equipment and Logistics of the Ministry of Public gram will contribute in promoting Vietnam's defense and secunational community.

The Ministry of Public Sewill continue to have profound changes in the coming years, with pacting on the security and development of nations, includalso generates many potential factors and challenges, requiring Vietnam to pay more attention to security and territorial sovereignty issues. In addition, the de-

row the geographical gap through cyberspace also causes forces to cope with the challenge of nontraditional security threats such as trade, synthetic drugs, human trafficking, environmental security, terrorism risks and insecuriregard, the demand for equipping and upgrading modern and specialized civil security systems in Vietnam is increasing. Increased demand is accompanied by advances in science, technology, equipment, weapons and tools to support continuous improvement and development. The creation of events like DSE Vietnam will be the foundation for Security and Police units to update on the development trends and catch up with the most advanced technologies from countries around the world. The event also offers international security suppliers and manufacturers the opportunity to showcase their outstanding technologies, equipment, combat vehicles and their optimal solutions for security and territorial protection in the Viet-

nam market. As a co-organizer of DSE Vietnam, the Defense Industry & General Economic Technical Corporation (GAET) of the Ministry of National Defense operating in the main areas of

trial explosives, military trade, receiving technology transfer and foreign defense, aims to strengthen cooperative relationships with long-term partners, expand markets and seek new partners in the field of sety in network information. In this curity and defense in the world. and perform the task of developing military trade and defense foreign affairs. The Corporation expects DSE Vietnam to be a regular activity that contributes to promoting Vietnam's manufactured industrial products to foreign partners, thus seeking export opportunities, enhancing the prestige of military enterprises and at the same time create opportunities for managing agencies, military enterprises, research units to learn and grasp advanced technologies in the international defense industry. The world has since expanded international cooperation in defense

> On the scale of 5,000 sqm, the exhibition is expected to attract about 200 brands, seven national pavilions namely: Russian Federation, Ukraine, United States, France, Singapore, India and Israel along with two Zone booths from Ministry of National Defense and Ministry of Public Security. It is expected to attract a number of specialized visitors estimated at 5,000 people. Up to now, the Organization Board has received confirmed requests from many big corporations in the world such as Rosoboronexport, Techmash, NIIPH, UVZ, Ukspecexport, Lockheed Martin, Airbus, MBDA, Brahmos, IAI, AutoGyro, Starks Motors, Kamaz, Uaz, Arsenal, WB Electronics, TRD, Raytheon, Qioptiq, SCS Technologies, Precision Technologies and many more.

> Alongside the exhibition, there will be networking activities where suppliers in attendance can meet up with the VIPs from supporting agencies, managers, military, police enterprises and research units at their stands. In addition, we have developed a comprehensive Symposium that takes place on 3 & 4 October with a series of topics on capacity build up and combat readiness for the security and defense forces.

## Ansat Aurus by Rostec and NAMI



Russian Helicopters Holding Company (part of Rostec State Corporation) presented the Ansat helicopter with a highly comfortable cabin in Aurus brand style for the first time at the MAKS 2019 International aviation and space salon. The cabin has been designed by specialists of Russian Helicopters and NAMI (Central Scientific Research Automobile and Automotive Engines Institute).

Apart from computer modeling, to create optimum ergonomic design, the design of the cabin was produced using tests in which people with various anthropometric measurements took part. The Ansat helicopter has the largest cabin in its class. Combined with the design, this pro-

vides more space for passengers. 'Aurus is a premium brand which is becoming Russia's signature. Now it includes both cars and aircraft of the same style that is as comfortable as cars. It is no wonder that Ansat has been chosen as a base: this is a state-ofthe-art helicopter whose advantages have already been appreci- charging devices.

ated both in Russia and abroad. The new version of Ansat confirms that this is a multi-purpose helicopter and that there is great potential for its transformation to meet the requirements of various customers, 'said Aviation Cluster Industrial Director of the Rostec State Corporation Anatoliy Serdvukov.

The helicopter has a light protection system with touch control. This technology has been used for the first time for a helicopter's VIP cabin. Individual lights and gaspers ensure additional comfort for each passenger. Besides, there are jacks for

ment this project in the shortest possible time in close cooperation with our colleagues from NAMI. We began to develop the interior in April 2019 immediately after the design was approved. I would like to note that this is not just a new cabin, but a completely new approach to corporate transportation services: ten changes to the helicopter's design were made to make it more ergonomic. I am convinced that Ansatwill complement the Aurus range perfectly, and soon, after we finish tests, we will be ready to receive orders for the new machine,' said Director General of Russian Helicopters holding company Andrey Boginsky.

Chief Executive Officer of NAMI Sergey Gaysin said: 'At the suggestion of Russian Helicopters, NAMI specialists eagerly began to work on the luxury version of the Ansat helicopter. tween -45° and +50°.

'We have managed to imple- The expertise of Russian specialists in engineering, design and marketing gained when Aurus car was created allowed us to make a product meeting the highest international standards within a short time frame. Collaboration with Russian Helicopters holding company is the first step to so expand the Aurus brand that it makes not only cars.'

The light multi-purpose Ansat helicopter was designed by Kazan Helicopters design office. The machine is equipped with two engines and can be used for normal passenger and VIP transport, cargo delivery, environmental monitoring and as an air medical helicopter. High-altitude tests of Ansat have been successfully completed, which confirmed the possibility of its use in mountainous terrain at altitudes up to 3,500 meters. The helicopter can be operated in a temperature range be-





