

## What does Russia Produce? “Made in Russia”

By [Scott Humor](#)

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[The Saker](#) 23 February 2017

Region: [Russia and FSU](#)

Theme: [History](#)

*This past September, in one of his regular interviews with the newspaper [Parlamentní Listy](#), [retired Czech Major General Hynek Blaško commented](#) on the possibility of a conflict between Russia and NATO with a following anecdote:*

*“I have seen a popular joke on the Internet about Obama and his generals in the Pentagon debating on the best timing to attack Russia. They couldn’t come to any agreement, so they decided to ask their allies.*

*The French said: “ We do not know, but certainly not in the winter. This will end badly. ”*

*The Germans responded: “We do not know, either, but definitely not in a summer. We have already tried.”*

Someone in Obama’s war room had a brilliant idea to ask China, on the basis that China is developing and always has new ideas.

The Chinese answered:

“The best time for this is right now. Russia is building the Power of Siberia pipeline, the North Stream Pipeline, Vostochny Cosmodrome Spaceport, the MegaProject bridge to Crimea; also Russian is upgrading the Trans-Siberian railroad with a new railway bridge across Lena River and the Amur-Yakutsk Mainline. Russia is also building new sports facilities for the World Cup and athletics, and has in development over 150 production projects in the Arctic ... Well, now they really need as many POWs as possible!”

So, now, even NATO members’ generals have noticed something peculiar about Russia.

### **Made in Russia**

According to the myth that is being peddled by Western media, Russia has an underdeveloped economy based on the exchange of raw mineral resources for glass beads... I mean Western produced hi-tech products. Any barber would tell you that even Asians can make iPhones, but Russians can’t.

Let’s look into it:

In 2016, High-Technology Manufacturing as a Percentage of GDP – 22.3%

The most hi-tech product in today’s world is not an iPhone, but a nuclear submarine.

Submarines contain a gigantic quantity of hi-tech parts, most of them are secret.

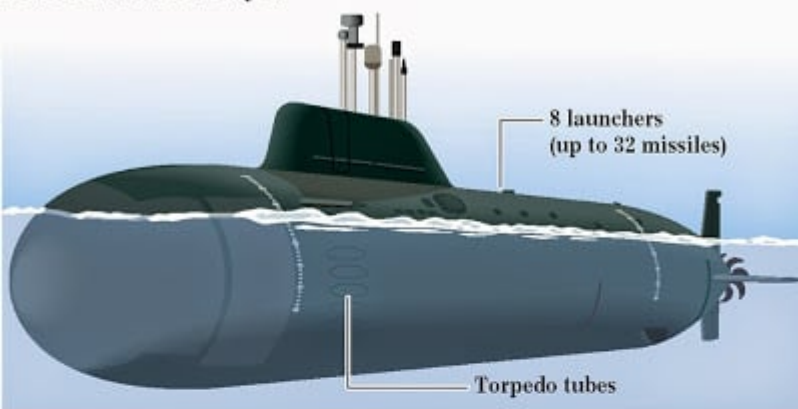
Today, Russia is the only country in the world that manufactures the IV generation of submarines.

[ 2:14] The fourth Yasen-class nuclear submarine Krasnoyarsk recently completed hydraulic pressure hull tests. The nuclear-powered Project 885 attack submarine is being built by the Sevmash shipyard in Severodvinsk, Russia.

Total 5 submarines are being built, and 5 submarines SSBN Borei-A class nuclear-Powered submarines.

## PROJECT 885 YASEN-CLASS SUBMARINE

The launch ceremony for the next-generation multi-purpose nuclear attack submarine "Novosibirsk" (Project 885 Yasen-class) was held in Severodvinsk on July 26



### Specifications

- ▶ Length: 120 meters
- ▶ Width: 13.5 meters
- ▶ Draught: 10.4 meters
- ▶ Surface displacement: 8,600 tons
- ▶ Underwater displacement: 13,800 tons
- ▶ Max. immersion depth: 600 meters
- ▶ Cruising capacity: 100 days
- ▶ Surface speed: 16 knots, or 18.4 mph
- ▶ Underwater speed: 31 knots, 35.6 mph
- ▶ Crew: 90 people
- ▶ Armament: cruise missiles, torpedoes and mines
- ▶ The submarine is equipped with a rescue chamber designed to accommodate the whole crew

● The lead ship of the series, "Severodvinsk," is being tested in the sea



Laid down: December 1993  
Launched: June 2010

● The second submarine, "Kazan", is under construction in the stacker shop at Sevmash



Laid down: July 2009

● The third submarine, "Novosibirsk"



Laid down: July, 26, 2013



- By 2020, at least 7 of these boats are to be built
- "Kazan" and "Novosibirsk" are based on an upgraded 885M project



[2:50] The defense industry is looking into increasing the percentage of what they call "civilian products," and for that it invest huge amount of efforts and resources into training the new generation of highly skilled workers.

Quantorium children's techno-parks, also known as the new model of extra-curriculum education. Basically they are good old Soviet technological sections for children, only with more advanced with 3-D modeling and robo-tech. Needless to say that studies in the Quantorium techno-parks are absolutely free. Those parks are opening in many regions of the country.

ROBO development corporation from Saint Petersburg that provides leaning materials for Quantoriums and for middle schools also provides products for learning programming skills for schools in Finland.

[4:21] For the last four years the population of Russia is growing. The new system of education is being developing now for all those children.

[5] Russia restarts production of beryllium, which was lost in 1989. Instead, Russia has been buying beryllium from China and the US.

Breakthroughs in beryllium production technology could mean that Russia will be self-sufficient in supplies of one of the world's rarest and most valuable metals. Beryllium is primarily used in the manufacture of structural materials for high-speed aircraft, missiles, spacecraft and communication satellites and is also deployed in nuclear reactors as a reflector or moderator of neutrons.

By 2020 Russia is expected to take 1/3 of the world market of beryllium.

## What else is being made in Russia

### Cars and trucks

[Russian retro ride Bilenkin Classic cars, modern old-timers](#)

Russian automaker Lada kickstarts sales in Germany



Russian automaker #Lada kickstarts sales in #Germany  
[on.rt.com/83ro](https://on.rt.com/83ro)

10:10 AM - 21 Feb 2017

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## **Bikes**

[All road bikes with low pressure tires](#)

## **[Hoverbike the Scorpion-S](#)**

## **Heavy industrial equipment, tractors and trucks**

KAMAZ 2014 – GAZ, VAZ, UAZ, VIS

KAMAZ 53949 Typhoon-K 4x4 multirole modular armored vehicle

[New Typhoon-K deployed for the Western military district in Nizhny Novgorod](#)

Ural and Gaz-66, and Gaz-69

[BMP-3 IFV. Kamaz Typhoon-K, Ural Typhoon-U MRAP. GAZ Tiger Kornet-D, Arbalet-DM](#)

[Arctic adventure: Russian military vehicles set out on a freezing journey](#)

## **Ural Next trucks**

GAZ TIGER 2330 GAZ-2330 Tiger of The Spirit of the Siberian Tiger the Extreme 4x4

Small Utility vehicles

MKM-1905 (Murashka)

Aircraft: planes, jets and helicopters

- [Who, how and where makes transmissions for helicopters, photo gallery](#)
- [Russian Helicopters to build Russia's largest helicopter gearbox and transmission assembly and testing facility, 2014](#)
- [Russian Helicopters produce first Ka-52 Alligator in 2017](#)
- [Ka-52 in Arkhangelsk](#)
- Famous workhorse of every war, MI-8 or our "Little Brother"

A helicopter is a soul of a fallen in battle tank

- [MIG-35](#)
- [Cy-30CM aircraft](#)

A breath-taking video of super-maneuverable multirole Su 35S fighter jet provided by a new engine with thrust vector control



## Aviation engines

### [PS-90A turbofan](#)

Used in

IL-96-300PU airplane of the President of the Russian Federation

Long-range passenger airliner IL-96-300

Mid-range passenger and cargo airplanes TU-204, TU-214 and their modifications

### Oil tanker & Freight transport built in Russia

Krasnoye Sormovo shipyard launches Pioneer-2, tanker of project RST27 built for CMS

February 2017, Nizhny Novgorod, Russia based Krasnoye Sormovo shipyard (part of the United Shipbuilding Corporation) launched [the Pioneer-2, the second tanker of project RST27 built for Caspian sea](#) and designed for mixed (river-sea) shipping of liquid bulk crude and oil products,

The RST27 vessels were designed by Marine Engineering Bureau to RS class: KM (\*) Ice1 R2 [AUT1-ICS VCS ECO-S OMBO Oil](#) tanker (ESP). Detailed design was provided by Nizhny Novgorod based engineering firm Volga-Caspian Design Bureau.

[Russia has negotiated a deal to produce its patrol boats Gepard 5.1](#) for Sri Lanka.



The time-tested by the naval forces of Russia and Vietnam in various military events frigate Gepard 3.9 is gradually gaining credibility in the arms market of the Asian countries. As it became known to Realnoe Vremya, Rosoboronexport and the Zelenodolsk plant named after A. M. Gorky are completing the two-year negotiations with the Navy of Sri Lanka for the supply of patrol boats Gepard 5.1. Although it is about one vessel, this contract will reinforce the interest in the vessel of other South-Eastern countries — Malaysia, Bangladesh, Myanmar and Bahrain.

[Two new Gepard-3.9 will be delivered to Vietnam shortly](#)

## Railroad transportation

[Engels locomotive manufacturer in Saratov. a maker of 2ЭВ120 electric locomotive](#) speed up to 120 k/h, photo gallery

[Saratov railroad depot, photo gallery](#)

## Center controls for public safety and security

[Moscow subway center of safety and security, photo gallery](#)

## Education

[Innopolis university and campus](#)

## Cyber security

KasperskyLab officially launch KasperskyOS – world’s most cybersecure platform to date



The image shows a tweet from the account "Russia in RSA" (@EmbassyofRussia) dated 12:01 PM on 16 Feb 2017. The tweet text reads: "#KasperskyLab & @e\_kaspersky officially launch #KasperskyOS - world's most cybersecure platform to date @kaspersky goo.gl/vhacZb". The tweet has 27 retweets and 16 likes. The graphic in the tweet is split into two parts. The left part is a stylized illustration of a glowing circuit board with the text "KasperskyOS Securing Embedded Communications". The right part is a screenshot of a website titled "KasperskyOS usage areas" with four categories: TELECOMMUNICATION EQUIPMENT, CONNECTED CARS, MACHINE 2 MACHINE AND INTERNET OF THINGS, and INDUSTRIAL ENVIRONMENT.

## Startups

[Moscow Biomedical startups located in tech-hub kl10ch](#)

## **Expositions**

[Expo City Trans, photo gallery](#)

## **New Construction**

[Subway station Ramenki in Moscow, photo gallery](#)

## **Works in precious metals and gems**

Russia has been traditionally known for its goldsmiths and silversmiths

These traditions are still alive with some modern twist

[Gold, marble and titanium covers shaped like Makarov revolver for cell phones](#)

[Russia: The lady with the golden gun](#) – check out Caviar’s special edition Makarov pistol and iPhone

## **[Award weapon production for Russian Defense Ministry in Zlatoust](#)**

made with traditional Russian enamel and goldwork encrusted samples of famous Russia’s firearms for presentations and gifts made by the famous masters of Zkatoust

Photo gallery

Needless to say that this kind of state and the Ministry of Defense orders are the life stream for the jewelers and goldsmiths to keep their craft alive and to teach the new generations of jewelers.

## **Foreign brands and technologies manufactured in Russia**

[Mazda CX-5 and Mazda6 manufactured in Vladivostok](#) from the tass corresponded for the Far East

## **Agriculture**

### **Wines and fine spirits, craft beer**

[Manufacturer of ‘Abrau-Durso ‘Russian Champagne’ Brut](#)

[The winery and center of wine tourism Abrau-Durso](#)

[Agro complex Volga from tomatoes and sturgeons, to lions and horses](#)

**Russia is the only country in the world where bioresources are increasing every year: forests, fish and wildlife**

[Tigers and others in Seaside Safari Park near Vladivostok, Primorsky Krai](#)

[Vladivostok is a winter home for white-tailed eagles, photo gallery](#)

## **Tourism in Russia**

## Museums


[Home museum of artist Petrov-Vodkin](#)

[Ice hotel, Kamchatka](#)

[Russia is a leader in space tourism](#)

## Not made in Russia

- So much for “American Made” GE to double its procurements from China to \$10 billion




**Vlad Rothstein**  
@solomon99999000

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So much for [#American Made](#); GE to double it's procurements from [#China](#) to \$10 billion [bit.ly/29ajNpz](https://bit.ly/29ajNpz)

8:42 PM - 20 Feb 2017



**GE double procurement China \$10b**  
GE double procurement China \$10b. Technicians work on an aircraft engine in a test cell during performance checks at the GE Aviation [tacticalinvestor.com](http://tacticalinvestor.com)

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