SYNOPSIS ON THE TOPIC

4th Industrial Revolution

The combination of technology trends such as nanotechnology, 3D printing, robotization, artificial intelligence and others promise to dramatically change the landscape of the economy and employment.

On the Roscongress Information and Analytical System on the chosen topic you will find:

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- **Events**: 27 sessions
- **Speakers and experts**: 246 speakers
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Latest publications in block «Analytics»

**Research**

10.02.2020

Качественные изменения производства: стимулы и барьеры. Обзор производственного сектора в России — 2019

- Automotive industry
- Engineering
- Metallurgy
- Chemical industry
- 4th Industrial Revolution

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**Innovation Openness Growth Model for Large Companies**

The report by the Agency for Strategic Initiatives (ASI) presents a novel, practicable and flexible growth model that will help Russian companies raise their openness to innovation.

**Labour productivity gains**  **Entrepreneurship**  **Digitalization**

**4th Industrial Revolution**

**EXPERT OPINION**

**Outstanding quotes from SPIEF 2019: Forum participants on technology**

**KEY CONCLUSIONS**

**Africa is attractive for investment and trade**

A promising area of cooperation involves attracting big Russian investors in industries strategic for many African countries, such as agriculture, mining or processing raw material — Andrey Kostin, President, Chairman of the Management Board, Member of the Supervisory Council, Member of the Strategy and Corporate Governance Committee, VTB Bank.

Africa is a large consumer of agricultural produce. Last year, the volume of our export exceeded USD 4.6 billion — Sergey Yushin, Head of the Executive Committee, National Meat Association.

We watch Africa closely and with affection. We see the continent’s great opportunities and readiness to cooperate with Russian companies — Mushegh Sahakyan, Director for International Development, Yandex.Taxi.

**Russia has the right technologies to develop the African region**

The key objective is to take the level of life on the African continent up to the global standards of developed countries. Its basic aspect is food security, while the ultimate priority includes providing a variety of good and healthy food. It is paramount that all African residents have access to such ration. It is a strategic goal, and we are able and willing to help our African partners with it — Dmitry Mazepin, Chairman of the Board of Directors, URALCHEM.

Russia is the world’s only market where local online services win over their American rivals in an open and fair competition — Mushegh Sahakyan, Director for International Development, Yandex.Taxi.
It is the synergy of using digital technologies that gives the positive effect that we see in our country’s budgetary segment — Alexey Overchuk, Deputy Commissioner, Federal Tax Service of Russia.

Russia is the pioneer of nuclear energy. The world’s first nuclear power plant was launched in no other place than here 65 years ago, and throughout the course of history we have been the world’s leader in developing innovative nuclear technologies. <…> We work around the globe and pay a special attention to the African continent, which is undoubtfully an area of growth — Kirill Komarov, First Deputy Director General for Corporate Development and International Business, ROSATOM State Atomic Energy Corporation.

Existing competencies of Russian Railways will be demanded in Africa. African countries are about to reach leading social and economic performance. By 2050, over one third of global population increase will occur in African countries. Keeping this pace, ensuring the quality of economic growth and life is only possible through developing railways. This has been proved by the world’s experience — Oleg Belozerov, Chief Executive Officer – Chairman of the Executive Board, Russian Railways.

In our country, vast territories belong to the zone of risky agriculture, therefore over the decades Russian companies have accumulated unique agricultural competencies. <…> Our companies are becoming primary partners in the African continent in both produce and technology export — Dmitry Mazepin, Chairman of the Board of Directors, URALCHEM.

We possess colossal information on African countries’ geology. No other country in the world has this information. We boast 40 years of experience in 26 African countries, which is fairly big. We understand how complicated geological aspects can be tackled. We bring new technologies. <…> This allows us to create new jobs and infrastructure and be the cornerstone for the economy of whole regions and countries, which apart from other things plays a major role in export and impacts social stability — Sergey Gorkov, General Director, Chairman of the management Board of Rosgeologia».

ST. PETERSBURG INTERNATIONAL ECONOMIC FORUM 2019

**A Recipe for Global Competitiveness for Russian Industry**

📅 7 June 2019  🕒 12:00–13:15
**KEY CONCLUSIONS**

**Competition is the driver of industry development**

The alpha and omega of the market economy, the key driver of industrial and economic development, is fair competition. In the world of global competition, we understand that we can only take a certain share of the market by creating conditions for fair competition, particularly in the global markets — Dmitry Kozak, Deputy Prime Minister of the Russian Federation.

**Modern production should be efficient**

Energy efficiency and energy-saving technologies are what gives prospects and opportunities for many branches of not only the industry, but also the economy — Denis Manturov, Minister of Industry and Trade of the Russian Federation.

The new trends are digitalization, energy efficiency, diagnostics, and support for exports — Johan Vanderplaetse, Chairman, Association of European Businesses; President, Russia and CIS, Schneider Electric.

**Russian products and technologies are competitive**

In the course of our work with foreign clients, we see a demand for Russian technologies and products — Maksim Perelman, General Director, Novomet.
**Moderator**

**Klaus Mangold**
Chairman of the Supervisory Board, Knorr-Bremse

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**KEY CONCLUSIONS**

**Partnership between Russia and Germany is mutually beneficial**

We do not share an agenda this saturated with any other European country – Azer Talibov, Deputy Minister of Economic Development of the Russian Federation.

Russian and German businesses are not competitors. We only have means complete each other – Vasily Osmakov, Deputy Minister of Industry and Trade of the Russian Federation.

We are confident that the exchange should happen across all sectors. It is good for both Germany and Russia, it is important for Russian-European cooperation – Manuela Schwesig, Minister-President of the State of Mecklenburg-Vorpommern.

Germany invested 3 billion into Russian economy. Russia is a great investment opportunity for us – Klaus Mangold, Chairman of the Supervisory Board, Knorr-Bremse.

It is not just the client that matters to us, it is the supplier as well and we are interested in the development of Russian industry, which is twice interesting for us – Klaus Rosenfeld, Chief Executive Officer, Schaeffler.

We are building business contact structures with medium-sized businesses. Apart from Russia, we work with 120 universities and plan to invest EUR 70 million before 2020 – Alexander Klaeger, Chief Operating Officer, Head of Cloud Business for Middle and Eastern Europe, SAP.

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**Economic growth potential is out there**

At its peak, commercial turnover with Germany reached USD 74 billion, now it is slightly over 60: there is room to grow – Azer Talibov, Deputy Minister of Economic Development of the Russian Federation.

We support Northern Stream 2. Germany will abandon nuclear and coal-driven energy by 2030, so we need natural gas – Manuela Schwesig, Minister-President of the State of Mecklenburg-Vorpommern.

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**German society wants to see the relations with Russia brought back to normal**

Many of our entrepreneurs care about Russia, and it is not strictly business. I want to support you – Manuela Schwesig, Minister-President of the State of Mecklenburg-Vorpommern.
Most Germans want to be closer to Russia and politicians cannot ignore that. They need to keep that in mind and change the situation while they still can — Heinz Hermann Thiele, Owner, Knorr-Bremse.
### Speakers and experts

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Synopsis on the topic «4th Industrial Revolution»

Sergey Zhigarev
State Duma Committee on Economic Policy, Industry, Innovative Development, and Entrepreneurship

Demetrios Zamboglou
Chief Business Development Officer, Lykke Corp

Full list of speakers and experts →
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[Full list of the related topics →]