

## **AUTOMATION OF PRODUCTION IN RUSSIA AND BELARUS**

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Automation of production has become a popular trend in many countries, including Russia and Belarus. With the advancements in technology have led to automation becoming an integral part of the manufacturing industry, offering numerous benefits to businesses. This article will examine the current state of automation in Russia and Belarus.

In recent years, Russia and Belarus have experienced rapid development in their automation industry. According to a report by Mordor Intelligence, the automation market in these countries is projected to grow at a CAGR of 7.3% from 2021 to 2026, with the manufacturing industry expected to hold the largest share.

The manufacturing industry in Russia has made significant investments in automation technology, particularly in robotics. Raconteur reports that Russia has been experiencing a "robotic revolution" with a significant increase in the number of robots being used in the manufacturing industry. There has been a substantial increase in the number of automation technology being adopted, as well as the challenge of a shortage of skilled labor [1].

Similarly, Belarus has also been adopting automation technology in its manufacturing industry. An article by The European Times states that the country's manufacturing industry is focusing on automation to increase its competitiveness in the global market. The article also highlights the benefits of automation in reducing production costs and increasing product quality.

However, the adoption of automation technology in both countries is not without its challenges. As reported in the IOP Conference Series: Materials Science and Engineering, one of the significant challenges facing the adoption of automation technology in Belarus is the lack of skilled labor to operate and maintain the machines. Similarly, in Russia, there is a shortage of skilled professionals specializing in automation and robotics.

Despite these challenges, both countries are actively working towards addressing these issues. PwC highlights the importance of investing in the education and training of the workforce in the field of automation to overcome the shortage of skilled labor in Russia. Additionally, Deloitte emphasizes the need for businesses to prioritize technology investments to improve productivity and competitiveness in the market [2].

In conclusion, automation of production is rapidly becoming a crucial aspect of the manufacturing industry in Russia and Belarus. The adoption of automation technology is driven by the need for increased productivity, efficiency, and cost savings. However, the shortage of skilled labor remains a significant challenge. As such, investing in the education and training of the workforce in the field of automation is vital for the continued growth and success of the automation industry in both countries.

## References

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2. Raconteur article. [Electronic resource]. – Mode of access: <https://www.raconteur.net/technology/robotics-revolution-russia/>. – Date of access: 18.03.2023.