MERCHANDISE TRADE IN THE EAEU INTEGRATING ENVIRONMENT

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ABSTRACT: The paper aims to identify the main trends and recommendations for the development of merchandise trade in the Eurasian Economic Union (EAEU) integrating environment through the analysis of its mutual and foreign (internal and external) merchandise trade. The study is based on the official statistical data for 2014–2018 and economic comparisons and systematisation (including geographical systematisation). The results show that the intensification of mutual and foreign trade in the EAEU is possible by stimulating consumer and industrial demand, enhancing exports of high tech products and diversifying exports, and strengthening the cooperation within the EAEU and with other countries and integration associations.

KEY WORDS: integrating environment, EAEU, merchandise trade, mutual trade, foreign trade.

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Introduction

The Eurasian Economic Union (EAEU) was established during the regional economic integrating processes in 2014 (Eurasian Economic Union 2014). The EAEU ensures a free movement of goods, services, capital and labour, as well as coordinated, coherent and unified economic policies. A macroeconomic impact of establishing the EAEU is manifested in various aspects, including price reduction on merchandise, promotion of competition, an increase in production, the development of regional economic ties, encouragement to technological development, and an increase in market capacity and GDP (National Bank of the Republic of Belarus n.d.). The Republic of Armenia, the Republic of Belarus, the Republic of Kazakhstan, the Kyrgyz Republic and the Russian Federation are the EAEU member states. The economic integration between these countries has been going on since the collapse of the Union of Soviet Socialist Republics (the USSR) (since 1991). However, it was the EAEU, which logically replaced the Eurasian Economic Community (EurAsEC, existed from 2001 to 2014), that marked the new stage in economic integration in the post-Soviet space.

Nevertheless, traditionally, the first stage of international integration is the creation of a free trade zone. Thus, at present, the development of trade relations within the EAEU integrating environment has already been the most intensive.



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The importance of foreign trade in the economies of the EAEU member states is confirmed by the world ratings. In particular, positions of the EAEU member states regarding "Trading across Borders" in "Doing Business 2019" are the following: Armenia - 46, Belarus - 25, Kazakhstan - 102, Kyrgyzstan - 70, Russian Federation - 99 (World Bank Group 2019). Thus, in a dynamically changing EAEU integrating environment, the position of Belarus regarding "Trading across Borders" is quite strong among the EAEU member states. It has improved by five positions since 2017 (World Bank Group 2019) as several reforms for further development of foreign trade have been implemented (Ministry of Economy of the Republic of Belarus 2018).

The theoretical background for the study is the scientific papers on the economic integration within the EAEU and the development of the foreign economic activity of the EAEU member states. During the last decade, a large number of academic writings were devoted to the general issues of integrating the relations of the EAEU member states (Viartsinskaya 2013; Ziiaddulaev 2014; Daineko, Beresnev 2015; Ivanova 2015; Tsukarev 2015; Vinokurov 2015; Presniakova et al. 2017; Viartsinskaya 2018; Zhuravleva, Tutaeva 2018; Jumanova 2019; Nurmatov 2019; Zelenkov et al. 2019).

Some studies are devoted to the problems of trade relations of the EAEU member states with each other (Nurtasova et al. 2018; Kuskov, Paderina 2019; Spanov, Arbashiyeva 2019) and with third countries (Selisheva 2017; Bojcova, Fedorenko 2019).

The development experience of other integration associations is worth noting. As far as the Asia-Pacific region is concerned, much research is devoted to the further trade liberalisation of the Asia-Pacific Economic Cooperation (APEC) (Scollay, Gilbert 2000; Robinson, Thierfelder 2002; Choi 2017), as well as the evolution of and trade trends in this association (Basu Das, Kawai 2016; Hur, Lee 2017; Solis, Wilson 2017).

Concerning the European integration, there are also numerous relevant works in the field of the European Union (EU) foreign trade. These studies are mainly based on the gravity model and are divided logically into 2 types: those dedicated to the intra-EU trade (Badinger, Breuss 2004; Kox et al. 2004; Shin, Serlenga 2007) and the EU trade with other countries (Brenton, Manchin 2003; Antonucci, Manzocchi 2006; Mandelson 2006; Pastore et al. 2009; Bourdet et al. 2007; Gavin, Sindzingre 2008; Kehoe et al. 2019).

The relevance of the study is justified by the need to improve economic relations within the EAEU in achieving the official goal of its establishment. This goal is to increase the competitiveness of national economies and create conditions for stable development to enhance the living standards of the EAEU member states. At the same time, the trade relations within the EAEU and with third countries in a changing EAEU integrating environment are the most rapidly developing segments of integration and the basis for intensifying the integrating processes.

The authors pay attention to the fact that the creation of the EAEU in 2014 and its subsequent development has a definite effect on the merchandise trade and therefore consider the EAEU integrating environment as a factor influencing it. At the same time, the dynamics of the merchandise trade development among the EAEU member states can also affect the degree of integration between them. Therefore, given the importance of merchandise trade in the EAEU integrating environment, the purpose of the paper is to identify the main trends in and recommendations for the development of merchandise trade in the EAEU integrating environment using a detailed analysis of economic indicators of mutual trade (internal trade) and foreign trade of the EAEU member states with third countries (external trade).

The objectives of the paper are as follows:

- assessment of the trade development in 2018 compared with 2014 (the EAEU foundation) and its dynamics for 2014–2018;
- identification of the predominance of exports or imports in mutual and foreign trade turnover;
- identification of the individual role of the EAEU member states in merchandise trade;
- definition of the possible ways to adapt the EAEU trade policy to objectively emerging economic conditions in the integrating environment.

The paper is structured as follows. Section two reveals the methodological frameworks. Section three discusses indicators of mutual merchandise trade of the EAEU member states in the integrating environment. Section four represents the trends in foreign merchandise trade of the EAEU with third countries. The last section contains the main conclusions and recommendations.

Methodology

The methodological basis of the study consists of the following general scientific methods that are used from the standpoint of dialectical principles: analysis and synthesis, systematisation (including geographical systematisation), scientific abstraction, statistical methods, and economic and statistical comparisons.

The study draws on the fundamental official documents related to the creation and operation of the EAEU, including the Treaty on the EAEU (May 29, 2014), the Treaty on the EAEU Customs Code (April 04, 2017), the Common Customs Tariff of the EAEU (the EAEU CCT) (October 18, 2016) and others. Current information from the EAEU Portal is used to examine merchandise trade of the EAEU member states.

The well-known report of the World Bank "Doing Business" is also applied. It contains quantitative indicators that can be compared over time concerning business regulations that affect trade across borders of the EAEU member states.

It should be noted that the EAEU member states have independent policies in services trade (Evraziiskii ekonomicheskii soiuz n.d.). Therefore, the authors' attention focuses on foreign merchandise trade only and service trade is not a part of the study.

Next, the merchandise trade development of the EAEU is considered from the point of view of its division into mutual trade within the EAEU (internal trade) and foreign trade with third countries (external trade).

Development of mutual merchandise trade in the EAEU integrating environment

Development of mutual merchandise trade in the EAEU integrating environment is currently carried out by the EAEU Customs Code (Eurasian Economic Union 2017) and this implies trade among the EAEU member states. Let us consider the development of mutual merchandise trade in terms of export development. This is important because increasing exports is one of the most effective means of increasing a country's income. Table 1 shows the dynamics of mutual merchandise exports.

Mutual merchandise exports declined substantially (by 25.4%) and amounted to USD 45,615.6 million in 2015 compared to 2014. This decline was due to a decrease in average prices (by 19.2%) and sales (by 7.5%). These negative phenomena were mainly caused by the declines in global energy and commodity prices, unfavourable foreign conditions, and economic difficulties of the EAEU member states. In 2016, the negative trend persisted, but the pace of decline decreased. The mutual export decreased by 5.8% and amounted to USD 42,958.7 million. In doing so, average prices declined by 7.1%, while sales increased by 0.4% (Eurasian Economic Commission 2017), reflecting a gradual adaptation to the prevailing conditions.

The positive trend was in 2017–2018. Mutual merchandise exports increased by 27.3% (to USD 54,697.9 million) in 2017, due to increasing average prices (by 12.7%) and sales (by 13%). This growth was associated with a positive trend in trade development, which began in 2016 as well as with a rise in the world prices for oil and other commodities, and economic growth of the EAEU

	5 1								
	2014	2015		2016		2017		2018	
Countries	million	million	growth	million	growth	million	growth	million	growth
	USD	USD	rate [%]						
EAEU including:	61,183.3	45,615.6	74.6	42,958.7	94.2	54,697.9	127.3	59,721.1	109.2
Armenia	323.9	256.2	79.1	393.9	153.7	557.2	141.5	689.0	123.7
Republic of Belarus	16,179.1	11,007.8	68.0	11,384.8	103.4	13,651.1	119.9	13,891.8	101.8
Kazakhstan	7,155.1	5,120.3	71.6	3,930.2	76.8	5,262.6	133.9	5,892.0	112.0
Kyrgyzstan	637.6	410.1	64.3	445.5	108.6	541.5	121.5	568.4	105.0
Russian Federation	36,887.6	28,821.2	78.1	26,804.3	93.0	34,685.5	129.4	38,679.9	111.5

Table 1. Dynamics of the EAEU mutual merchandise export.

Source: own study based on the Eurasian Economic Commission (n.d.).

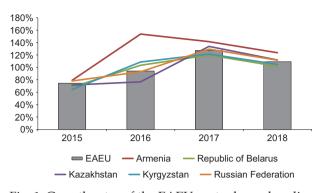


Fig. 1. Growth rates of the EAEU mutual merchandise exports. Source: own study based on the Eurasian Economic Commission (n.d.).

member states. The positive trend continued in 2018, however, it was weaker than in 2017. The mutual export expanded by 9.2% and amounted to USD 59,721.1 million against the background of an increase in average prices by 2.5% and sales by 6.5%. Fig. 1 shows growth rates of mutual merchandise exports in the EAEU member states and the EAEU as a whole.

This graph illustrates faster growth rates of mutual exports from Armenia during 2014–2018, Belarus in 2016 and Kazakhstan in 2017–2018. The graph clearly shows that the growth rates of the EAEU mutual merchandise exports were almost equal to the growth rates of Russian exports. This is explained by the fact that the share of merchandise exports from the Russian Federation was the largest in the structure of the EAEU mutual exports. Fig. 2 shows the structure of the EAEU mutual merchandise exports by the EAEU member states. The structure remained largely the same in 2014–2018. The share of exports from the Russian Federation was almost 2/3 of the EAEU mutual exports. It increased by 4.4% and amounted to 64.8% in 2018. The share of Belarusian exports declined from 26.4% to 23.3%. The share of Kazakhstan decreased by 1.8% and equaled 9.9%. The share of Armenia, despite increasing sales, remained insignificant (1.1%), as was the share of Kyrgyzstan (0.9%).

Besides, it is appropriate to examine the structure of the EAEU mutual merchandise trade in terms of export-import operations (Fig. 3). The data show that the EAEU member states were primarily merchandise importers (except for the Russian Federation). Thus, the share of imports of Kyrgyzstan amounted to 75.8%, Kazakhstan 69.2%, Armenia 67.6%, and Belarus 62.1% in 2018. Meanwhile, the share of Russian exports exceeded the share of imports by more than 2 times.

The Russian market was the main one for the EAEU member states in internal trade flows. In particular, the Russian market provided 96.8% of Armenia's exports, 93.2% of Belarusian exports, 87.6% of Kazakhstan's exports, 55.3% of Kyrgyzstan's exports in 2018 (Eurasian Economic Commission 2019). These data confirm the leading position of the Russian Federation in the EAEU. Therefore, there is a substantial dependence of macroeconomic indicators of the EAEU member states on the economy of the Russian Federation.

Thus, the main trends in merchandise trade within the EAEU are the following:

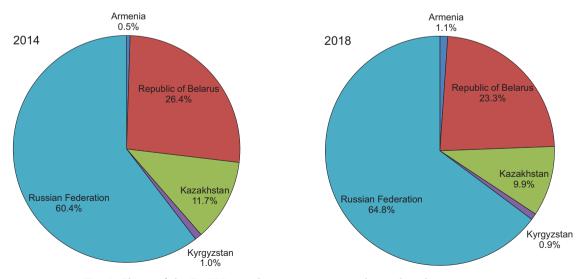


Fig. 2. Share of the EAEU member states in mutual merchandise exports. Source: own study based on the Eurasian Economic Commission (n.d.).

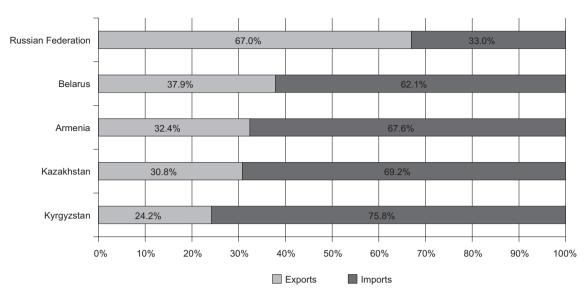


Fig. 3. Structure of mutual merchandise trade by the EAEU Member states in 2018. Source: own study based on the Eurasian Economic Commission (n.d.).

- mutual exports had a positive trend and increased by 9.2% in 2018 compared to 2017;
- Russia has dominated mutual exports within the EAEU member states (the share of Russia's trade was 64.8%);
- according to the structure of mutual trade, the EAEU member states (except for the Russian Federation) have been importers (Kyrgyzstan had the largest share, 75.8%);
- the Russian market is the main one for the exports of the EAEU member states.

Consequently, the analysis of the EAEU mutual merchandise trade revealed the export orientation of the EAEU member states towards the Russian Federation, as confirmed by other scientists (Skirko 2018). From this point of view, outward FDI may be interesting for every EAEU member state as a "factor of economic modernisation on a debt-free basis, allowing to raise the technological level of business and to create new jobs" (Hrechyshkina, Samakhavets 2018: 342). The authors adhere to the opinion that the intensification of foreign trade within the EAEU is possible not only due to the unified customs and tariff policy, but also by stimulating consumer and industrial demand, including strengthening cooperation relations in the EAEU (Skirko 2018).

Development of foreign merchandise trade of the EAEU with third countries.

The dynamics of foreign merchandise trade of the EAEU with third countries are presented in Table 2. Foreign merchandise trade was characterised by the tendencies and factors which were identified for mutual trade. The negative trend of all indicators was observed in 2015–2016. At the same time, almost equal reduction in both merchandise exports and imports was in 2015. Then the reduction in imports was smaller than in exports in 2016. The growth in foreign trade was in 2017–2018. The foreign trade turnover

Table 2. Dynamics of foreign merchandise trade of the EAEU with third countries.

	Turnover		Exp	orts	Imports		Balance
Period	million USD	growth rate [%]	million USD	growth rate [%]	million USD	growth rate [%]	million USD
2014	873,099.7	n/a	555,618.0	n/a	317,481.7	n/a	238,136.3
2015	579,382.5	66.4	373,845.1	67.3	205,537.4	64.7	168,307.7
2016	509,372.7	87.9	308,264.8	82.5	201,107.9	97.8	107,156.9
2017	634,221.3	124.5	386,950.2	125.5	247,271.1	123.0	139,679.1
2018	753,417.4	118.8	490,637.5	126.8	262,779.9	106.3	227,857.6

Source: own study based on the Eurasian Economic Commission (n.d.).

of the EAEU increased by USD 119,196 million (by 18.8%) and reached USD 753,417.4 million in 2018. At the same time, exports increased by 26.8% and amounted to USD 490,637.5 million, and imports rose by 6.3% and amounted to USD 262,779.9 million.

However, despite the positive changes, it was not possible to reach the trade indicators of 2014. The foreign trade surplus, despite the negative trend, amounted to USD 227,857.6 million, which was 63% more than in 2017.

The share of each EAEU member state in the foreign trade turnover is presented in Fig. 4. Comparative analysis shows that there were no significant changes in the structure. The share of foreign trade increased in some EAEU member states in 2018 compared to 2014: Russia – by 0.8%, Belarus – by 0.3%, Armenia – by 0.2%, Kyrgyzstan – by 0.1%. However, the share of Kazakhstan decreased by 9.9%.

Fig. 5 shows the structure of foreign merchandise trade by the EAEU member states in 2018. Exports prevail in the structure, its share was 65.1% in 2018 (Fig. 5). Imports accounted for 34.9% of the EAEU foreign trade turnover in 2018 (Eurasian Economic Commission 2019). Thus, the main exporters were Kazakhstan (74.0%), Russia (65.1%) and Belarus (55.9%). The share of merchandise exports from Armenia and Kyrgyzstan was 32.8% and 27.6%, respectively.

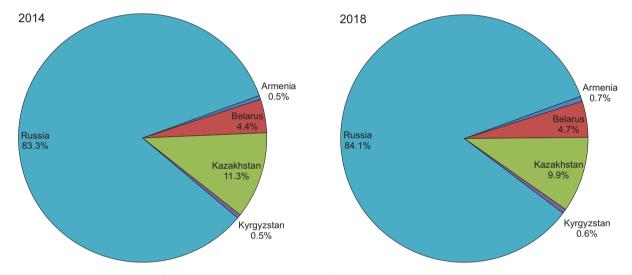


Fig. 4. Share of the EAEU member states in foreign merchandise trade (in turnover). Source: own study based on the Eurasian Economic Commission (n.d.).

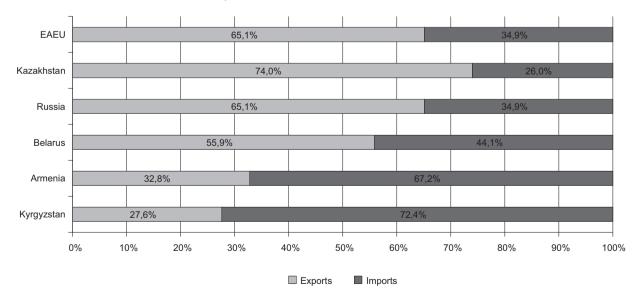


Fig. 5. Structure of foreign merchandise trade by the EAEU member states in 2018. Source: own study based on the Eurasian Economic Commission (n.d.).

Products	Exp	orts	Imports		
Froducts	million USD	share [%]	million USD	share [%]	
Food products and agricultural commodities	25,022.5	5.1	30,482.5	11.6	
Mineral products	329,708.4	67.2	3,941.7	1.5	
Chemical products	27,475.7	5.6	48,088.7	18.3	
Wood, pulp and paper products	14,228.5	2.9	4,204.4	1.6	
Textile products and shoes	981.3	0.2	17,606.3	6.7	
Metals and products from them	47,101.2	9.6	18,131.8	6.9	
Machinery, equipment and vehicles	14,719.1	3.0	116,937.1	44.5	
Others	31,400.8	6.4	23,387.4	8.9	
Total	490,637.5	100.0	262,779.9	100.0	

Table 3. Commodity structure of foreign merchandise trade by the EAEU member states in 2018.

Source: own study based on the Eurasian Economic Commission (n.d.).

In the commodity structure of the EAEU exports to third countries (Table 3), such products predominated: mineral products (67.2% of the total exports), metals and products from them (9.6%) and chemical products (5.6%). About 80% of export goods were sold by the Russian Federation. The largest share of the EAEU imports was that of machinery, equipment and

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vehicles (44.5% of total imports), chemical products (18.3%), and food products and agricultural commodities (11.6%). More than 80% of imported goods were purchased by the Russian Federation.

The EAEU exports went to different regions and countries, mainly to Europe. Fig. 6 shows the distribution of the EAEU merchandise exports to

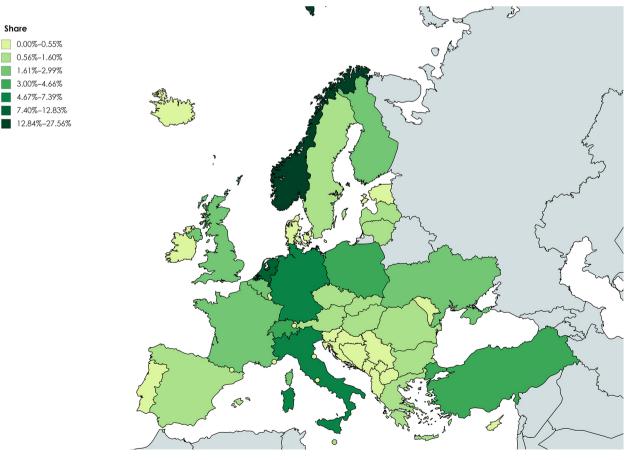


Fig. 6. Geographical structure of the EAEU merchandise exports to Europe in 2018. Source: own study based on the Eurasian Economic Commission (n.d.).

Europe in 2018. The largest share of exports was to Norway (27.56%). Among the EU countries (50.5% of total exports), the most significant were deliveries to the Netherlands (10.4%), Germany (7.4%), Italy (5.8%) and Poland (3.8%). 26.7% of goods were exported to the APEC countries, including 12.8% to China, 4.3% to South Korea, and 2.8% to Japan and the United States. The countries of the Commonwealth of Independent States (CIS) (excluding the EAEU countries) sold 5.2% of exported goods, including 3% to Ukraine.

Imports were mainly from the APEC countries and Europe. Among the APEC countries (43.2% of total merchandise imports), the largest volumes were from China (24.1%), the United States (5.5%), Japan (3.6%) and South Korea (3.1%). Fig. 7 shows the distribution of the EAEU merchandise imports from Europe in 2018. The largest share of imports was from Norway (33.22%). Among the EU countries (39.8%), the most significant deliveries were from Germany (11.2%), Italy (5%), and France (4.1%). 4.4% of imported goods were purchased from the CIS countries, including 2.8% from Ukraine.

It is possible to identify the main trends in the development of foreign merchandise trade in the EAEU integrating environment, which are the following:

- the EAEU foreign trade turnover increased by 18.8% in 2018;
- the share of the Russian Federation dominated in the EAEU foreign trade turnover (Russia's share was 84.1% in 2018);
- exports prevailed in the structure of the EAEU foreign trade turnover (65.1% in 2018);
- in foreign trade with third countries Kazakhstan and Russia were exporting countries and Armenia and Kyrgyzstan were importing ones.

Therefore, the position of the EAEU member states in foreign trade with third countries should be strengthened, primarily in exports at present. The Russian scientists Ruchkina and Shaidullina (2019) hold the same opinion and

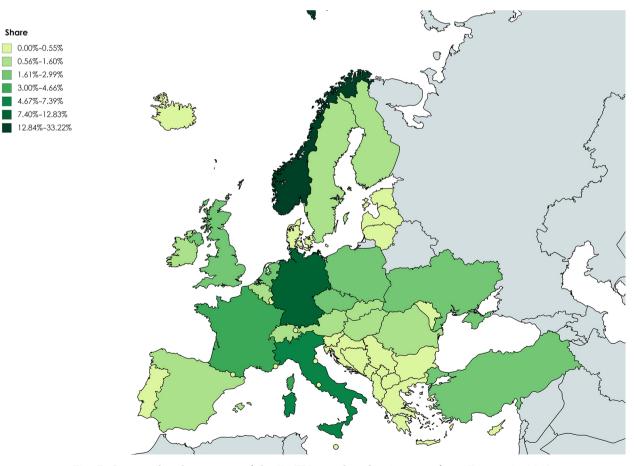


Fig. 7. Geographical structure of the EAEU merchandise imports from Europe in 2018. Source: own study based on the Eurasian Economic Commission (n.d.).

identified the EAEU exports constraints to third countries. They also consider it expedient to increase the volume of foreign trade of the EAEU member states with third countries for the economic growth of national economies. At the same time, strengthening the EAEU trade and economic cooperation with other countries and integration associations is becoming a prospect for the development of the EAEU merchandise trade. Many countries express a desire to cooperate with the EAEU. Agreements have been signed with Vietnam (2015), Iran (2018), China (2018) and Cuba (2018).

It is worth mentioning that the results of the intensification of foreign trade within the EAEU integrating environment could be improved. For example, the following measures are being implemented in Belarus, which allowed it to become a leader among the EAEU member states regarding "Trading across Borders", and could be recommended for others (Postanovlenie Soveta Ministrov 2016):

- creation of a nationwide automated information system called a uniform foreign trade portal. Registration on the portal allows business entities to implement foreign trade procedures on the principle of "one window" in an electronic format;
- performance of certain customs operations by customs authorities through an information system without the participation of customs;
- elimination of procedural and regulatory barriers to foreign trade following the WTO Agreement on Trade Facilitation;
- simplification of the conducting and control of foreign trade operations.

It should be noted that improving foreign trade, applying tax and financial instruments, and creating a single market for government orders could be instruments to solve the problem of the lack of mechanisms to stimulate mutual investment in the EAEU (Presniakova et al. 2017). The authors believe that the EAEU member states ought to expand cooperation among themselves in the manufacture of products on a cooperative basis (especially products with a high share of value-added in the price – high-tech products) as well as exports of such products to third countries, and to diversify exports. This direction is seen as a "driver" for the development of foreign merchandise trade in the EAEU integrating environment.

Conclusion

The EAEU integrating environment is distinguished by its sensitivity to changes in the global economy and geopolitics. Therefore, an urgent task is to find opportunities to adapt to these challenges. The paper provides an in-depth analysis of economic indicators of the EAEU mutual and foreign trade. As a result of the analysis, the main trends in merchandise trade of the EAEU member states among themselves and with third countries for further development were identified. These trends reveal that the advantages of integration have not been fully realised yet.

The EAEU member states do not apply customs duties, non-tariff regulation systems, and other prohibitions and restrictions in order to create an effectively operating internal market of the EAEU in the implementation of internal trade within the EAEU. Nevertheless, the dynamics of the EAEU mutual merchandise exports decreased by USD 1,462.2 million (by 2.4%) in 2018 in comparison with 2014. Exports from Armenia (more than twice) and the Russian Federation grew, while exports from Belarus, Kazakhstan and Kyrgyzstan declined. The share of the Russian Federation in exports remains significant – 64.8% in 2018, and this means an increase of 4.4% compared to 2014.

The development of the EAEU foreign merchandise trade with third countries is based on the EAEU CCT (as for imports), and the EAEU member states have greater autonomy regarding exports. Imports decreased by USD 54,701.8 million or 17.2%, and exports decreased by USD 64,980.5 million or 11.7% in 2018 compared to 2014.

The dynamics of mutual trade within the EAEU and foreign trade with third countries shows that the absolute indicators of trade turnover have not reached the 2014 figures, which were the EAEU foundation and the best in the analysed period. A sharp drop in the indicators of internal and external merchandise trade is noticeable. The EAEU mutual merchandise exports decreased by 25.4% and exports to third countries also decreased by 32.7% in 2015 compared to 2014. Then the indicators began to increase again, but the level of 2014 has not been reached yet.

The negative dynamics in the EAEU trade indicators is explained fairly by the fall in world oil prices and commodities, and devaluation processes in the EAEU member states during the analysed period. Moreover, the drop in foreign trade with third countries was even greater than in mutual trade. Therefore, one of the current trends is a gradual increase in the EAEU trade volumes after a significant fall in the first year of the EAEU foundation. The identification of commodity groups which may increase exports both within the EAEU and in trade with third countries can be recommended.

Additionally, the Russian Federation occupies a leading position both in the EAEU mutual and foreign trade, and the Russian market is the main market for the products from other EAEU member states. The exports of products manufactured on a cooperative basis in the EAEU and diversified exports to third countries can be proposed as a recommendation for the development of internal and external trade in the EAEU integrating environment.

The authors emphasise the idea that the development of merchandise trade is a complex phenomenon nowadays, especially in the face of a constantly changing EAEU integrating environment, which depends on the actions of each member state and external factors. Only the purposeful simultaneous development of the trade regulatory framework within the EAEU, the improvement in trade conditions for all participants of export-import operations, the introduction of a paperless trade mechanism in the EAEU and advanced training of customs officials will increase the volume of mutual trade between the EAEU member states as well as intensify and diversify exports from the EAEU member states to third countries. These are the main directions for the successful development of the EAEU merchandise trade as a whole in a globalised and highly digitalised international business environment.

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