



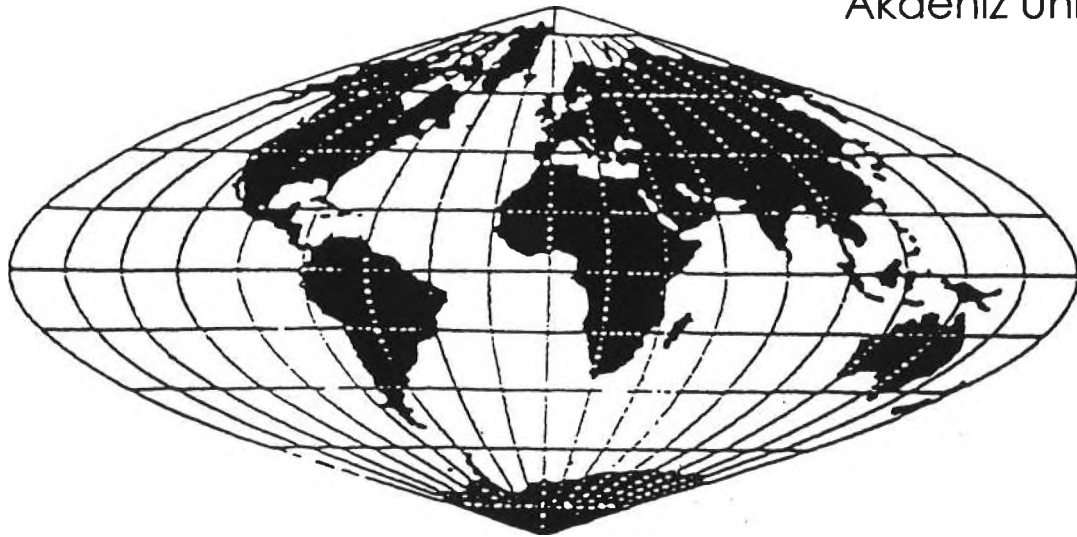
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THE IMPACT OF GLOBALIZATION ON WORLD BUSINESS IN THE NEW MILLENNIUM: COMPETITION, COOPERATION, ENVIRONMENT, AND DEVELOPMENT

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Globalisation of a Transitional Economy – The Experience of Poland

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The paper examines Poland's integration with the global economy over the last decade, using international trade and foreign direct investment (FDI) as the dimensions of this integration. First, the authors focus on the evolution of world trade and assess Poland's position in that trade. Then, they examine world-wide trends in FDI and compare FDI inflows into Poland with those into major country groups, including Central and Eastern Europe. The subsequent section of the paper investigates Poland's external economic equilibrium. The main conclusion of the paper is that between 1990 and 2000 Polish economy was rapidly integrating with the world economy. However, Poland's participation in the globalisation process was somewhat unbalanced, with imports and FDI inflows growing much faster than exports. Consequently, the policy implications and recommendations put forward in the last part of the paper concentrate on the issue of improving the competitive potential and export performance of Polish industries and firms.

Introduction

Globalisation is not a precise term that can be easily and consistently defined (Brown 1992; Dieken 1992; Ohmae 1995; Parker 1998). In fact, literature supplies a variety of definitions of globalisation. In his recent book on globalisation, Streeck (2001) provides a sample of 35 different definitions of the term. Nevertheless, for the purpose of this paper globalisation will be defined as a world-wide integration of societal and economic activity leading to an increased interdependence between countries and regions. Such process is usually characterised by intensification of cross-border trade and capital flows, driven largely by liberalisation of trade and investment regimes and by advances in information and communication technologies. This, in turn, leads to a greater integration of national economic systems within the world economy.

The scope of these phenomena is reflected in a given economy's share of world trade and foreign investment. A recent publication of the World Bank (2001) even reduces globalisation to only one of these two dimensions, measuring the progress in globalisation by a change in the

ratio of trade to national income. However, looking at both dimensions – international trade and foreign investment – provides a more balanced picture of a country's level of (economic) globalisation.

Since 1990, Poland has been going through the process of systemic transformation. As part of that process, Poland has sought to integrate itself with the world economy. Through its closer integration with the world economy, the country has been trying to accelerate GNP growth and to reduce the economic gap separating it from the European Union (EU), to which Poland is applying for full membership.

Before 1990, Poland was a much less open economy and missed out on many of the benefits of globalisation. After the transition process was initiated, the country faced the challenge of how to take advantage of globalisation to accelerate the introduction of the necessary changes. It liberalised prices and market regimes, privatised most of the state-owned enterprises, re-directed its trade from the former COMECON trading bloc towards the EU and opened up its market to foreign investment (Ali, Nowak & Poeschl, 2001).

The purpose of this paper is to determine whether Poland's integration with the world economy has kept pace with the general rate of globalisation during the last decade. Analysis is confined to two dimensions of such integration – world trade and foreign direct investment. These two dimensions are of critical importance as far as Poland's participation in the global economy is concerned. In a wider context, the role of foreign capital and the country's share in international trade have always been the key development issues for all the transition economies of Central and Eastern Europe (CEE).

The analysis first focuses on the evolution of world trade over the decade of 1990-2000. Then, Poland's share in world trade over the same period is assessed, using both per capita and total trade volume data, as well as trade to GDP ratios. Thereafter, the analysis moves to foreign direct investment. FDI trends are investigated in the context of different country groups and Poland itself. One of the analytical instruments used in that context is the transnationality index developed by UNCTAD. The

subsequent section investigates Poland's external equilibrium. Economic policy implications stemming from the observed trends in foreign trade and FDI constitute the last section of the paper.

Growth Trends in World Trade

The impressive trade growth of the last decade has undoubtedly fuelled the globalisation of economic activity. Table 1 shows the growth of world merchandise exports and imports in comparison to the growth of GDP during the 1990-2000 period. The export volume grew by 96%, whereas real GDP growth over the same period was only 25%. In other words, exports increased almost four times as much as the GDP. Although comparable import volume indices for the entire period under investigation are not available, the average growth rate for imports is reported to have been similar to that of exports (WTO, 2001, p. 3).

Faster growth of world exports compared to world GDP is not a new phenomenon. In fact, the last 50 years have seen trade expand faster than output by a significant margin, increasing the degree to which national economies rely on international trade (WTO, 1998, p. 33). However, one can observe some acceleration of export growth in recent years. For example, in 2000 exports grew by 12%, which is a substantially higher growth rate than the average for the whole decade.

In terms of current prices, the value of world exports amounted to 6,364 billion USD in 2000, as compared to 3,442 billion USD recorded at the beginning of the decade. The figures for imports are 6,669 and 3,542 billion USD, respectively.

Table 1. Growth of World Merchandise Exports, Imports and GDP, 1990-2000

Year	Exports			Imports		
	In Billion USD (Current Prices)	Volume Index (Constant Prices)	Per capita USD	In Billion USD (Current Prices)	Per capita USD	GDP (Real) Index
1990	3,442	100	650	3,542	673	100
1991	3,509	104	660	3,626	682	101
1992	3,759	109	666	3,880	692	102
1993	3,747	113	655	3,859	669	103
1994	4,244	124	736	4,369	752	105
1995	5,079	136	861	5,218	876	107
1996	5,347	143	895	5,525	919	110
1997	5,537	158	884	5,720	894	114
1998	5,447	166	857	5,667	902	117
1999	5,662	175	897	5,899	924	120
2000	6,364	196	1051	6,669	1101	125

Per capita figures: own calculations based on population data derived from the World Bank's World Development Indicators databases. Source: WTO, 2001 (various pages).

When exports of goods are combined with those of services (estimated at 1,435.4 billion USD), the ratio of world trade to world GDP goes up to 29% in 2000. Since 1990, this ratio has increased by 10 percentage points, more than in the two preceding decades combined (WTO, 2001).

This represents a further indication of the strengthening of global economic integration in the last decade.

Poland's Position in World Trade

A significant sign of Poland's increased openness to the world after 1989 was its dramatic increase in its foreign trade. As Table 2 indicates, Poland's exports grew by an impressive 127% between 1990 and 2000 (in real terms). Imports grew even more dramatically (by 426%), leading to serious foreign-trade imbalances, compensated however by substantial capital inflows. The growth of exports and, to a smaller degree, imports fluctuated from one year to another. For example, exports grew by more than 25% in 2000, but only by 2% in 1999.

Terms of trade were, for the most part of the decade, favourable for Poland, with the index of 108 for 2000 (as compared to the base year 1990), indicating that the prices of exported goods grew more than those of imported goods.

In reference to the trends in world trade described in the previous section, Poland's share in world exports increased by only 0.1 percentage point from 0.4% in 1990 to 0.5% in 2000. This seemingly insignificant increase translates however into a 25% improvement in Poland's position in world trade on the export side. On the import side, the change was much more dramatic. Poland's share increased from 0.3% in 1990 to 0.7% in 2000. Parallel to that was an increase in the value of exports and imports per capita. The value of exports per capita increased from US\$376 in 1990 to US\$820 in 2000, and that of imports grew from US\$250 to US\$1268, respectively. In terms of exports per capita, Poland was slightly below the world average, but its imports per capita exceed the world average (see Table 1).

Table 2. Volume Indices of Imports and Exports for Poland, 1990-2000

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Previous year = 100											
Exports	100	98	98	99	118	117	110	114	109	102	125
Imports	100	138	114	119	113	121	128	122	115	104	526
Terms of Trade	100	91	110	108	101	102	97	99	104	101	96

Calculated on the basis of data expressed in Polish zlotys in constant prices.

Source: Central Statistical Office (Poland), 2000a and 2001a.

However, it would be unjustified to conclude about the seemingly excessive import intensity of the Polish economy. The problem seems to lie more in insufficient exports and less in excessive imports. For example, in 1999 the value of imports per capita in the Czech Republic and Hungary amounted to US\$2803 and US\$2782, respectively. The respective figures for exports per capita were US\$2612 and US\$2484. It is therefore evident that the gap between exports and imports was not unique to Poland. It also existed in the other two key Central European economies.

However, it must also be noted that exports per capita were 3.7 times higher in the Czech Republic and 3.5 times higher in Hungary than they were in Poland. Similar comparisons for imports per capita show that the Czech Republic had a ratio that was 2.4 times higher than Poland, and Hungary had a ratio 2.3 times higher than Poland. One implication of these comparisons is that the relative gap in export performance was much more acute in the case of Poland than it was in the other two transition economies.

Another indicator requiring comment is the export/GDP ratio. The trend here is not clear. No significant increase of that ratio can be observed when both GDP and export values are expressed in current prices and when the official exchange rates are used. The ratio was the highest in 1990, it decreased substantially in 1992 and 1994 and then stabilised at around 18% until last year when it grew to almost 20%, due to a sharp increase in the value of exports. However, the latest ratio is still far from its 1990 level. Apparently, currency exchange rate fluctuations at the beginning of the transition period played a role in shaping this unusual trend. Also, a relatively high GDP growth has prevented the ratio from increasing substantially.

Table 3. Poland's Gross Domestic Product, Imports and Exports (current prices)

Years	GDP		Imports			Exports			
	In mln USD*	Per capita in USD*	In mln USD	Per capita in USD	% share of world total	In mln USD	Per capita in USD	% share of world total	Exports/GDP ratio
1990	58976	1547	9528	250	0.3	14322	376	0.4	24.3
1991	72924	1998	15522	406	0.4	14903	390	0.4	20.4
1992	84326	2198	15913	415	0.4	13187	344	0.4	15.6
1993	85853	2232	18834	490	0.5	14143	368	0.4	16.5
1994	117978	3057	21569	559	0.5	17240	447	0.4	14.6
1995	126348	3086	29050	753	0.6	22895	593	0.5	18.1
1996	134550	3484	37137	962	0.7	24440	633	0.5	18.2
1997	143066	3702	42308	1094	0.7	25751	666	0.5	18.0
1998	157274	4068	47054	1217	0.9	28229	730	0.6	17.9
1999	155151	4014	45911	1188	0.8	27407	709	0.5	17.7
2000	158839	4110	48940	1268	0.7	31650	820	0.5	19.9

* According to official exchange rate

The exports/GDP ratio: own calculations based on the figures given in the table.

Source: Central Statistical Office (Poland), 2000 and 2001.

In conclusion, one can state that save for the unclear picture with respect to the exports/GDP ratio, all the other indicators were pointing to Poland's continuing integration with the world trade system, after the country initiated its transition to an open market economy. However, integrating with the world economy has so far progressed much faster on the import side than on the export side. Thus there seems to be much room for improvement in the area of Poland's export performance.

World-wide Trends in Foreign Direct Investment

Foreign direct investment (FDI) inflows and outflows indicate the extent of host country participation in and contribution to the globalising world economy. Over the last decade the world has witnessed a tremendous growth in FDI. FDI inflows reached a record 1.27 trillion USD level in 2000. Compared to 204 billion USD a decade ago, it represents over 600% increase in the nominal value of FDI (Table 4). Of the major country groups shown in the table, Central and Eastern Europe has experienced the most dramatic increase in FDI inflows (approx. 8,500%). FDI inflows into developing countries increased by over 700% and those into developed countries grew by almost 600%. The dominance of developed countries in FDI inflows (accounting for nearly 80% of the total) has been a permanent trend since the end of World War II.

Table 4. Inflows and Outflows of Foreign Direct Investment in the years 1990-2000 (in billion USD)

Year	Developed countries		Developing countries		Central-Eastern Europe		All countries	
	Inflow	Outflow	Inflow	Outflow	Inflow	Outflow	Inflow	Outflow
1990	169.8	222.5	33.7	17.8	0.3	0.04	203.8	240.3
1991	114.0	201.9	41.3	8.9	2.5	0.04	157.8	210.8
1992	114.0	181.4	50.4	21.0	3.8	0.1	168.2	202.5
1993	129.3	192.4	73.1	33.0	5.6	0.2	208.0	225.6
1994	132.8	190.9	87.0	38.6	5.9	0.6	225.7	230.1
1995	203.5	305.8	113.3	49.0	14.3	0.5	331.1	355.3
1996	219.7	332.9	152.5	57.6	12.7	1.0	384.9	391.6
1997	271.4	396.9	187.4	65.7	19.2	3.4	477.9	466.0
1998	483.2	672.0	188.4	37.7	21.0	2.1	692.5	711.9
1999	829.8	945.7	222.0	58.0	23.2	2.1	1,075.0	1,005.8
2000	1,005.2	1,046.3	240.2	99.5	25.4	4.0	1,270.8	1,149.9

Source: UNCTAD, 1992, 1996, 1999 and 2001

The unprecedented growth of FDI inflows into Central and Eastern Europe can be explained by the fact that these inflows were negligible at the beginning of the decade. But even after such a tremendous growth, Central and Eastern Europe's share in the total inflow of foreign direct investment in 2000 amounted to a mere 2%. It should also be noted that the inflows into Central and Eastern Europe were very unevenly distributed across the region, with three countries: Poland, the Czech Republic and Russian Federation (in that order) absorbing two-thirds of the region's total FDI inflows (UNCTAD, 2001).

As far as FDI outflows are concerned, the dominance of developed countries is even more evident. In 2000, these countries accounted for more than 90% of the total outflows. Central and Eastern Europe's outflows were only 4 billion USD, an insignificant 0.3% of the total. However, it is argued that the latter figure is grossly underestimated, as much of the FDI outflow from the Russian Federation goes unreported or is reported under other elements of the BOP (UNCTAD, 2001).

Polish Economy and Foreign Direct Investment

The data concerning the value of the inflow of foreign direct investment into Poland are presented in Table 5. These data show that in the first half of the nineties the volume of such investment in Poland was not very impressive. In recent years however Poland has become a leader among the countries of Central and Eastern Europe in inward foreign investment. In 2000, Poland attracted over 9 billion USD in FDI, which represented 37% of all the FDI inflows into Central and Eastern Europe in that year. The second largest recipient of FDI in the region, the Czech Republic, attracted 4.6 billion USD (UNCTAD, 2001). The surge of FDI inflow into Poland in 2000 was partly associated with the 4 billion USD purchase of a majority share in Telekomunikacja Polska S.A. by France Telecom. This purchase is regarded as the region's largest privatisation and largest FDI transaction to date.

Table 5. Inflow of Foreign Direct Investment into Poland in the years 1990-2000 (in mln USD)

FDI Inflow	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Current Year	88	359	678	1715	1875	3659	4498	4908	6365	7270	9342
Cumulative	88	447	1125	2840	4715	8374	12872	17780	24145	31415	40757

Source: National Bank of Poland, 2000 and 2001.

The comparison of Tables 5 and 4 makes it evident that the growth rate of the FDI inflows into Poland was considerably higher than that for the global FDI inflows in the years 1990-2000. In fact, Poland's FDI growth substantially outstripped the average for Central and Eastern Europe, increasing by a whopping 10,600% over the same period. Such significant progress in the dynamics of the inflow of foreign direct investment into Poland was above all possible due to the very low initial values at the beginning of the nineties. Poland's share in the world FDI inflow in 1990 amounted to 0.03%, but by 2000 it grew to 0.75%. It should be noted that in 2000 that indicator exceeded the indicators of Poland's share in the world exports and imports. The latter observation leads to the conclusion that the Polish economy has been globalising faster in the FDI dimension than in that of international trade.

Polish Economy and the Transnationality Index

To gauge national economies' level of international openness, UNCTAD uses the transnationality index. The index is calculated as the average of the following four indicators: FDI inflows as a share of gross fixed capital formation; FDI inward stock as a percentage of GDP; value added of foreign affiliates as a percentage of total national value added; and employment of foreign affiliates as a percentage of total employment (UNCTAD, 2001). The

transnationality index essentially measures the relative significance of FDI in a given economy. For the 30 developing countries, for which the transnationality index was calculated, it ranged between 3 and 54% in 1998, with Hong Kong, China being the most transnationalised country. Among the developed countries, New Zealand held the first position. Seven countries, two developed and five developing, had the index value exceeding 30%. In Central and Eastern Europe, for which the transnationality index (published in the 2001 World Investment Report) was calculated for the first time, the average index was slightly above 10%, lower than the averages for both developed and developing countries. However, this average conceals wide differences between CEE countries. In Estonia and Hungary, the index was close to 25%, and in the Czech Republic and Latvia it exceeded 15%, indicating a high degree of internationalisation of these economies. On the other hand, the index was below 5% in one third of the region's countries.

Poland occupied the eighth position among CEE countries, with the transnationality index of about 12%, slightly above the regional average (UNCTAD, 2001). One of the reasons for this rather low transnationality index for Poland was the country's very low share of FDI in the gross fixed capital formation in the period for which the index was calculated.

While not undermining the validity of the transnationality index, one cannot help noticing that it is sensitive to the size of the economy. As a rule, although there are exceptions to this rule, smaller countries tend to have higher transnationality indices and bigger ones tend to occupy the bottom of the list. United States, for example, has the third lowest transnationality index among developed countries. It seems that adjusting the index for the size of the economy could have produced less biased results.

Globalisation and Poland's External Equilibrium

Poland's rapid integration with the world economy has not been free from macroeconomic management challenges. One such challenge was to maintain external economic equilibrium. This becomes evident in Table 6, which presents Poland's current account and trade balance in the years 1990-2000.

The foreign trade deficit was the main factor influencing the current account balance. In 1997, the deficit on the current account amounted to 4.3 billion USD, which constituted 3.0% of the GDP, in 1998 it amounted to 6.9 billion USD (4.4% of the GDP), whereas in 1999 it increased to 11.6 billion USD (7.5% of the GDP). In 2000, the deficit eased somewhat, amounting to 6.3% of the GDP.

Table 6. Current Account and Merchandise Payments, 1991-2000 (in million USD)

Specification	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
1 Current account	-2596	-1515	-2868	677	5310	-1371	-4305	-6862	-11558	-9946
2 Merchandise payments										
Revenues from exports	13355	14039	13598	17024	22878	24453	27229	30122	26347	28256
Payments for imports	13077	13573	16080	17919	24709	32632	38549	43842	40727	41424
3 Merchandise trade balance	278	466	-2482	-895	-1912	-8179	-11320	-13720	-14380	-13168

Source: Central Statistical Office (Poland), 2000h and 2000i).

Factors that tended to neutralise the influence of the high deficit in foreign trade balance were FDI inflows and revenues from the so-called cross-border trade. In spite of a high current account deficit, the balance of payments was positive during most of the decade under consideration.

The phenomenon of cross-border trade consisted of foreigners (mostly Germans on Poland's western border and Russians, Ukrainians and Byelorussians on Poland's eastern border) visiting Polish cities close to the border and buying cheaper food products and manufactured goods. However, there has been a decrease in the volume of such transactions in recent years, mainly due to administrative restrictions (stringent visa requirements) introduced by Polish authorities and designed to curb the illegal influx of immigrants seeking employment in Poland and subsequently in the countries of Western Europe.

As the role of cross-border trade in compensating for the current account deficit tended to diminish towards the end of the decade, the slack was being picked by the FDI inflows. In 2000, the FDI filled the current account gap in 94%, as opposed to only 55% in 1999 (Ali, Nowak & Poeschl, 2001). FDI inflows can also have an indirect compensating effect on the current account deficit by stimulating exports in the long run through helping to upgrade the country's international competitiveness (*ibid.*).

The negative trade balance was generated mainly by exchange with the countries of the European Union. According to customs statistics, registering the flow of commodities and not payments actually made, the deficit of trade with the EU increased from -7.3 billion USD in 1996 to -10.5 billion USD in 1997 and to -12.9 billion USD in 1998. It should also be noted that a significant factor influencing Poland's trade balance was foreign trade conducted by foreign-owned firms operating in Poland. In the years 1994-1998, the deficit in the latter amounted to -2.8 billion USD, -3.9 billion USD, -7.4 billion USD, -10.0 billion USD and -11.6 billion USD, respectively. This, in turn, was due to considerable import requirements of these firms resulting from modernisation of their production capacity (investment imports) and from a high demand for supply imports (Olesinski & Pac-Pomarnacki, 1998).

A high deficit on the current account may create a serious threat to a further stable economic growth of

Poland. There is much evidence in related literature that countries which opened their economies and joined the then existing EEC (Spain, Portugal and Greece) also experienced considerable worsening of the current account balance but they financed it with a surplus on the capital account (Nowicki, 1997). In such a situation, it was necessary to implement an appropriate macroeconomic policy in order to prevent overheating of the economy and increased inflationary pressures.

Another potential danger lies in the loss of confidence of foreign firms undertaking direct investment in Poland due to the perceived excessive deficit on the said current account. Just at what point in relation to the country's GDP can such deficit be considered as being excessive is another issue, but once it is reached it may be very difficult to redress the situation since foreign firms may begin to pull out of the country in increasing numbers.

Conclusions and Policy Implications

The process of integrating Poland's transforming economy with the world economic system can be summarised by the following points:

- Poland took advantage of its opening to the world after 1989 by both increasing its participation in world trade and world FDI.
- Both the value of exports from Poland and imports into Poland grew faster than the corresponding worldwide figures, thus increasing the country's level of integration with the world trade system over the last decade. However, the growth of imports substantially outstripped the growth of exports, leading to serious current account imbalances.
- FDI inflows into Poland grew by an unprecedented 10,600% between 1990 and 2000, with the bulk of this growth occurring in the second part of the decade. This phenomenal growth in FDI was not only faster than the world-wide trend, but also substantially outstripped the average growth of FDI inflows into the Central and Eastern Europe. As a result, Poland's share in world FDI increased dramatically, from 0.03% in 1990 to 0.75% in 2000. By 2000, Poland became the largest FDI recipient in the CEE region.
- The transnationality index, calculated by UNCAD for 1998, which measures the relative significance of FDI in an economy, does not however attest to Poland's strong position in world FDI. The index shows that the country is only slightly above the regional average in terms of its transnationality. One explanation of the discrepancy between the phenomenal growth in FDI inflows into Poland and the country's rather low transnationality index is that the index has a bias in favour of smaller economies. It should also be noted that the growth of FDI inflows started in Poland from a very low level and, in spite of the very high rate of that

growth in the last decade, Poland still has a long way to go until it can achieve the transnationality index values comparable to those of the most internationalised economies in the world.

- The much faster growth of imports than exports in the past decade was accompanied by a growing current account deficit that threatens Poland's macroeconomic equilibrium and future growth. So far, the deficit has been financed mainly by FDI inflows and cross-border trade, with the former playing an increasing role over time. As a result, no serious balance-of-payments problems have been experienced yet. However, should FDI inflows slow down, the BOP problems may become acute. To prevent that from happening, Poland must boost exports and balance its current account. The general problem lies also in finding effective methods of sustaining the growth of FDI.
- The overall conclusion is that over the last decade Polish economy was rapidly integrating with the world economy, especially on the import and FDI fronts. The growth in exports, although substantially higher than the world average, did not keep pace with the growth in imports and FDI. In this respect, Poland's participation in the globalisation process was somewhat unbalanced.

The most important policy implication stems from the last conclusion. The underlying aim of all policy measures in the area of international trade and investment should be to improve the country's international competitiveness so that Polish products can more successfully and more rapidly penetrate the export markets, especially in the European Union, which is now, and will be more so in the future, Poland's most important trade partner (Gorynia, 1998). The obvious focus of policy makers should be on improving the competitive potential and performance of export industries and firms. Two basic premises seem to emerge in the context of desirable policy approaches and measures.

Premise number one is that foreign-owned firms do not need direct or indirect support measures designed to boost their competitiveness, as they already have an effective competitive advantage upon deciding to enter the Polish market. At the same time, they play an important, and growing, role in providing export earnings for Poland. Research shows that foreign firms operating in Poland demonstrate better export performance and direct more of their output towards export markets than their domestic counterparts. In 1996, the share of exports in total sales of foreign owned companies was 13.9%, whereas for domestic firms it was only 8.8%. The share of exports by foreign entrants in the value of Polish exports rose from 25% in 1994 to 43% in 1997 (Durka & Chojna, 1998). This should come as no surprise. These firms tend to have better quality products, more recognisable brand names, access to international distribution channels, and other advantages not possessed by most of the domestic firms. Therefore,

foreign firms hardly need any export-specific policy measures aimed at helping them develop export oriented products and export markets. Instead, these foreign firms, in order to continue exporting from Poland or to be attracted to invest in Poland, need an improvement in general infrastructure and conditions of doing business in this country. Survey data show that 44.4% of foreign-owned firms indicated lack of sufficient infrastructure as an "important" and "very important" barrier to establishing successful operations in Poland (Wolniak, 1998).

The second premise, which follows from the first one, is that the focus of export-specific policy measures should be on domestic companies, which need to build and upgrade their competitiveness to be able to compete in both domestic and international markets. Expansion of these firms into foreign markets should be supported by education and training, demonstrating the rationale and benefits of exporting and the benefits of engaging into more advanced forms of international business once the export stage is mastered. This training should also show the ways in which export or international business plans can be developed and implemented. Being usually small and medium-sized entities, these firms often do not have sufficient knowledge and research capabilities to collect foreign market information on their own. Therefore, government support is needed in this area as well in the form of financing foreign market intelligence gathering and dissemination. The government should also co-finance the country-image boosting campaigns in order to offset the possible negative country-of-origin effects. Finally, there is a pressing need for measures, again in the form of direct and indirect financial support, that would stimulate Polish-owned firms to innovate and develop their core competencies which – embedded in new products and technologies – could form a solid base for developing and maintaining their competitive advantage in both the domestic and foreign markets.

It is essential to stress that the policy implications outlined above only "scratch the surface" of these important and complex issues. Further research is needed into various policy models, approaches and instruments that might be applicable to the specific situation of Poland and other transition economies as they attempt to embrace and absorb the complex process of globalisation.

References

- Ali, S., Nowak, J. & Poeschl, J. (2001). A Decade of Transition in Central and Eastern Europe: Trends in Foreign Trade and Foreign Direct Investment. In K. Fatemi & E. Kaynak (eds), Challenges and Opportunities for International Business in the Shifting Global Economic Environment. Proceedings of the Tenth World Business Congress. Zagreb: International Management Development Association.

- Brown, J. (1992). Corporations as community: A new image for a New Era. In J. Renesch (ed.), New traditions in business. San Francisco: Berrett-Koehler.
- Central Statistical Office (2000a). Statistical Yearbook of the Republic of Poland. Warsaw: Central Statistical Office.
- Central Statistical Office (2000b). Yearbook of Foreign Trade Statistics. Warsaw: Central Statistical Office.
- Central Statistical Office (2001a). Statistical Yearbook of the Republic of Poland. Warsaw: Central Statistical Office.
- Central Statistical Office (2001b). Yearbook of Foreign Trade Statistics. Warsaw: Central Statistical Office.
- Contractor, F.J., ed.(1998). Economic transformation in emerging countries. The role of investment, trade and finance. New York: Elsevier.
- Dicken, P. 1992. Global shift. New York: Guilford Press.
- Durka, B. & J.Chojna (1998). Udział podmiotów z kapitałem zagranicznym w polskim handlu zagranicznym. In B. Durka, ed., Inwestycje zagraniczne w Polsce. Warszawa: Instytut Koniunktur i Cen Handlu Zagranicznego.
- Gorynia, M. (1998). The Polish economy's international competitiveness and economic policy. Russian and East European Finance and Trade. 34.
- National Bank of Poland (2000). Bilans płatniczy na bazie transakcji. Warsaw: National Bank of Poland.
- National Bank of Poland (2001). Bilans płatniczy na bazie transakcji. Warsaw: National Bank of Poland.
- Nowicki, N. 1997. Bilans płatniczy w warunkach integracji. In, Polskie przedsiębiorstwa a Jednolity Rynek Unii Europejskiej. Korzyści i koszty. Warsaw: Committee for European Integration.
- Ohmae, K. 1995. The end of the nation state. New York: Free Press.
- Olesinski, Z. & R. Pac-Pomarnacki. 1998. Działalność dużych inwestorów zagranicznych w Polsce. In B.Durka, ed., Inwestycje zagraniczne w Polsce. Warszawa: Instytut Koniunktur i Cen Handlu Zagranicznego.
- Parker, B.B. 1998. Globalization and business practice. Managing across boundaries. London: Sage Publications.
- Streeten, P. (2001). Globalisation: Threat or Opportunity? Copenhagen: Copenhagen Business School.
- UNCTAD (1992). World Investment Report. Geneva: United Nations Conference on Trade and Development.
- UNCTAD (1996). World Investment Report. Geneva: United Nations Conference on Trade and Development.
- UNCTAD (1999). World Investment Report. Geneva: United Nations Conference on Trade and Development.
- UNCTAD (2001). World Investment Report. Geneva: United Nations Conference on Trade and Development.
- Wolniak, R. 1998. Ocena funkcjonowania w Polsce przedsiębiorstw z udziałem kapitału zagranicznego. In Z. Sadowski, ed., Kapitał zagraniczny w Polsce. Warszawa: Uniwersytet Warszawski.
- WTO (1998). International Trade Statistics. Geneva: World Trade Organization.
- WTO (2000). International Trade Statistics. Geneva: World Trade Organization.
- World Bank (2001). Globalization, Growth and Poverty. World Bank Policy Research Report. New York: