

# The Euro Reconsidered

This paper describes and analyzes the impacts of the Euro in the European Union. It analyzes the impacts of countries joining the European Union and its trade performance on the world economy. In order to depict and explain Europe's role in the world economy, this study provides a detailed analysis of the Eurozone trade with the world. The study offers potential solutions to the Financial Crisis of the European Union and details their advantages and disadvantages.

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## 1. Introduction:

The current fiscal problems confronting the European Union<sup>1</sup> are compromising the future of Eurozone<sup>2</sup>. Key players in the global economy are questioning whether European politicians are able to successfully cope with the challenges to the Eurozone. The breadth and continuity of the crisis highlight the urgency of this issue. This paper describes and analyzes the impacts of the Euro crisis on the countries that are members of the European Union. Specifically, the paper investigates the effects on the

**Key Words:** *European Union, Eurozone, GDP, interest rates, Harmonized Index of Consumer Prices, PIGS countries, fiscal union, financial crisis, Maastricht criteria, Maastricht Treaty, exchange rate.*

countries that join the European Union and their exports, imports and capital account performances vis-à-vis their European partners as well as the world economy. The study details the Eurozone trade with the world and describes the consequences of the Financial Crisis on the European Union.

## 2. Literature Review

The theory of an economic monetary union was advanced as early as 1961 by Mundell with his classic paper, "The Theory of Optimum Currency Areas," and subsequently by McKinnon (1963) and Kenen (1969). Mundell defined optimum currency

<sup>1</sup> European Union = economic and political union: Austria, Belgium, Bulgaria, Cyprus, The Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, The Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, and the United Kingdom.

<sup>2</sup> Eurozone = Euro Area = Euroland = Monetary Union under the euro: Austria, Belgium, Cyprus, Estonia, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, Malta, the Netherlands, Portugal, Slovakia, Slovenia, and Spain.

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area as a geographical unit closely integrated through international trade and factor movements such as labor and capital, and his theory states that fixed exchange rate systems are most appropriate for these areas. Mundell recognized the costs of adopting a single currency and made the case for the establishment of a common fiscal authority to facilitate the transfer of resources between members hit by asymmetric economic shocks when mechanisms such as the wage and price flexibility and labor mobility did not function. These authors demonstrated that the choice of exchange-rate regime should depend on a country's structural characteristics, such as size, openness, and product diversification. In other words, the respective cases for either floating or fixed-exchange rates (or an intermediate regime) are not equally applicable to all economies, so that the exchange-rate regime that a particular country chooses may matter a great deal for macroeconomic performance.

Historical comparison of past fiscal unions reveals telling similarities between their formation that can currently also be applied to the Eurozone. In the case of the United States, Argentina, and Germany, the fiscal unions were preceded by political ones, and the institutional development associated with fiscal union was preceded by exceptional events (Bordo and James, 58). Friedman set-forth the basic core of what subsequently emerged as optimum-currency-area analysis. Friedman clearly understood that, in an imperfect world, separate

currencies and flexible exchange rates among different areas would facilitate adjustment among the areas (Friedman, 1952b). Examining the various criteria, including the presence of asymmetric shocks, labor mobility, wage and price flexibility, and current risk sharing mechanisms, as they pertain to the European Union, there is empirical evidence to support the establishment of a supplementary fiscal union (Bordo & James, 55).

Authors, Lerner (1947), Friedman (1953b), Meade (1951), and Scitovsky (1958) anticipated the basic tenets of optimum-currency-area analysis. In analyzing the effectiveness of inter-regional adjustment within countries, those authors drew attention to the crucial role played by single, central monetary and fiscal authorities and the free movement of goods and factors of production among regions in economic adjustment. Cesarano (2006, p. 726) argued that the above-mentioned authors believed that the classical adjustment mechanism would be effective in the absence of exchange-rate variations among separate, national currencies. In other words, the free movement of labor, capital and goods, and a single monetary policy, would negate the need of exchange-rate variations; the logical extension of this line of reasoning is that a single currency would be optimal for the global economy.



### 3. Disadvantages of Joining the Eurozone: Focus on Poland

Being outside of Eurozone, Poland has not experienced the most serious fiscal crisis. While Poland does not play the most prominent role in the European Union (EU), representatives of Polish financial institutions and business circles actively participated in drafting proposals to improve the economic condition of the European Union and offer solutions for prevention of future crises. The task, however, is not an easy one. First, the EU itself is not uniform; its member states feature diverse stages of economic, financial, social and political development, which is reflected in the goals each pursues. **Individual member states offer different visions concerning the direction that the European Union should follow.** Some of them emphasize the need for more independence for its individual member states, while others are keen on further integrating the EU.

Poland, making it clear that it does not act in only its national self interest, acknowledged the need to consider the interests of the entire EU. **Poland recognizes that the proposals of the largest member states of the EU to overcome the crisis are realistic.**

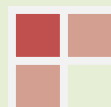
Currently there is an agreement among Polish economists that although economic sovereignty is costly, Poland benefited from remaining outside the Eurozone. The country applied the

fundamental tools of monetary policy (money supply, interest rates, cash reserve, exchange rate) with relative freedom throughout during the global financial crisis. Mundell (2011) claims that the loss of control over such tools is a main cost of joining the Eurozone.

By participating in a monetary union, a country is essentially forfeiting its right to determine how much its currency is worth. Unfortunately for that country, it also means that without the ability to exercise its own monetary policy, it loses the power to impose inflation to its advantage, namely to decrease public debt. Such practices were used by France in the 1920's to wipe away 70% of its public debt. Professor Adam Szyszka of the Warsaw School of Economics believes that the loss of this freedom over currency leads to a much higher risk of default in euro countries over non-euro countries.<sup>3</sup> He states that a country can always increase its money supply in order to repay its debt as long as this debt is in its own national currency. This practice can lead to currency depreciation and inflation, although the problem of debt would be solved. On the other hand, a united common currency may also be seen as an advantage. A stable exchange rate means less uncertainty about how much the currency will be worth, making it a more appealing investment.

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<sup>3</sup> Szyszka, Adam, Warsaw School of Economics. "Economic and Behavioral Aspects of the Euro Crisis", Unpublished. 2012.



Currency control however is not the only thing a nation needs to give up upon joining the Eurozone. European countries must also comply with other conditions, such as keeping up with their national debt and expenditures while creating a competitive job market as well as increasing overall productivity. (Conditions which several countries such as Greece failed to comply and are now on a verge of defaulting). The cost of joining the Euro is actually a very costly one. England for example, experienced “The Black Wednesday” losing £3.3 billion as a result of its efforts to join ERM. Despite the fact that it was later announced that England decided to abandon its efforts to join the ERM, the devastation could not be recovered.



On the other hand, looking at the current events, the pressure to join the Eurozone was too high. Many countries considered their Eurozone membership as a sign of prestige and were more likely to spend more than they could afford. They assumed that default was less likely since the effect would be too serious for other European countries. Greece for example, did not show enough effort to reform its

economy. Unlike its European counterparts, Greece could not create more jobs. Government expenditure which is not balanced with investment and economic growth, became a huge problem. It took its toll in 2010 and now the same scenario was happening once again only this time with economic reform, which Greece failed to make in the past, despite its promises. Greece must now cut its expenditures to balance its budget and cover its debt. But this time, many creditor countries must also pay to salvage what is left in order to avoid default in Greece. Eurozone members have to take the fall and save other Eurozone members so they can all survive, otherwise they will all fail. They must work in-sync and increase their growth rate or it will be impossible for the Euro to maintain its stability.

Szyska believes that crises such as the one occurring in Greece could have been avoided had they strictly adhered to the criteria of the Maastricht Treaty. One criteria states that the ratio of annual government debt to GDP must not exceed 3%. Second criteria states that the ratio of gross government debt to GDP must not exceed 60%. Had Greece been forced to comply with such requirements, it may not have even joined the Euro in the first place. However, a clause in the treaty permits a country to join as long as its violation of the criteria is only temporary, and the country is showing signs of improvement. This exception to the rule became the norm as time went on. By 2010, the average debt to GDP ratio in the

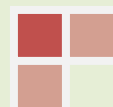
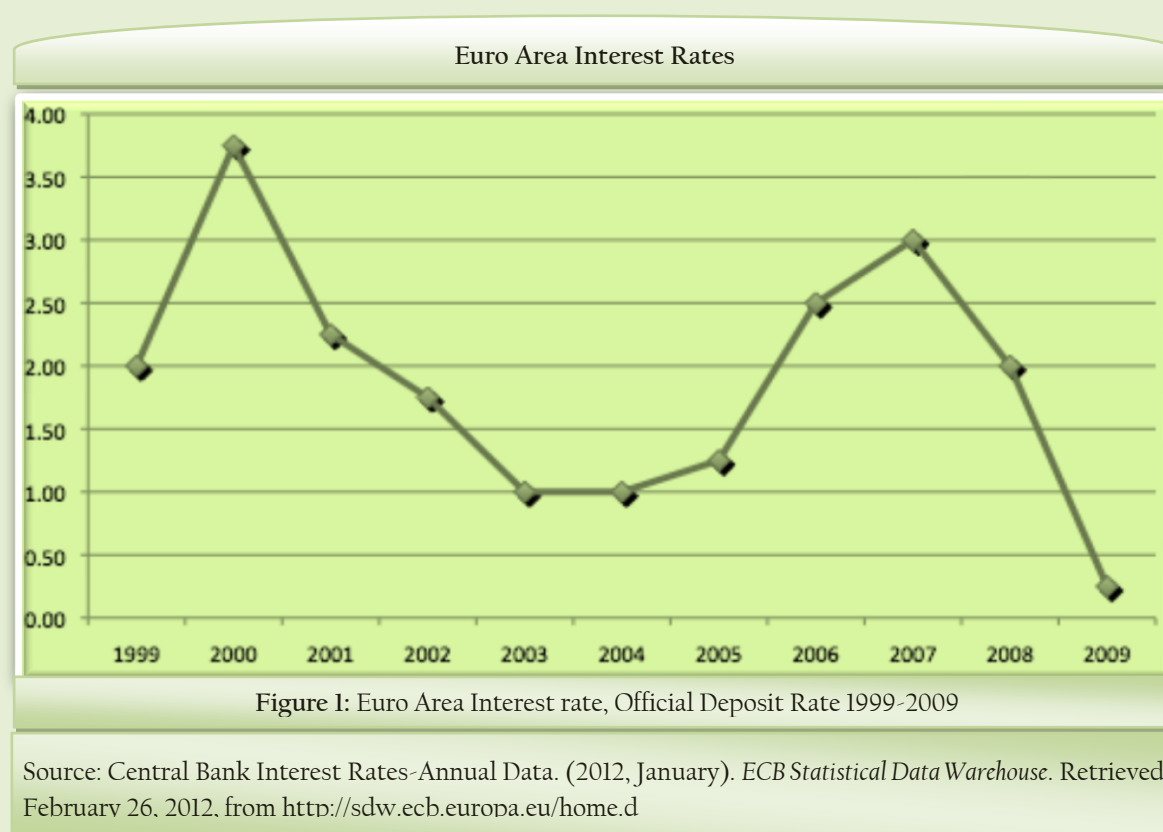


Eurozone was 85.5%, and the average deficit was 6.3%.

#### 4. Advantages of Joining the Eurozone

Nevertheless, being a member of the Eurozone increases a country's reliability, enhancing a country's investment grade and improving its prospects for foreign capital inflow.

Other benefits stem from the fact that being a part of a monetary union lends itself to greater efficiency. For example, the Eurozone experiences lower interest rates with less fluctuation in times of distress relative to other regions, because it is in less danger of inflation. Figures 1 and 2 display the Euro Area interest rate and Harmonized Index of Consumer Prices (HICP), inflation rate.



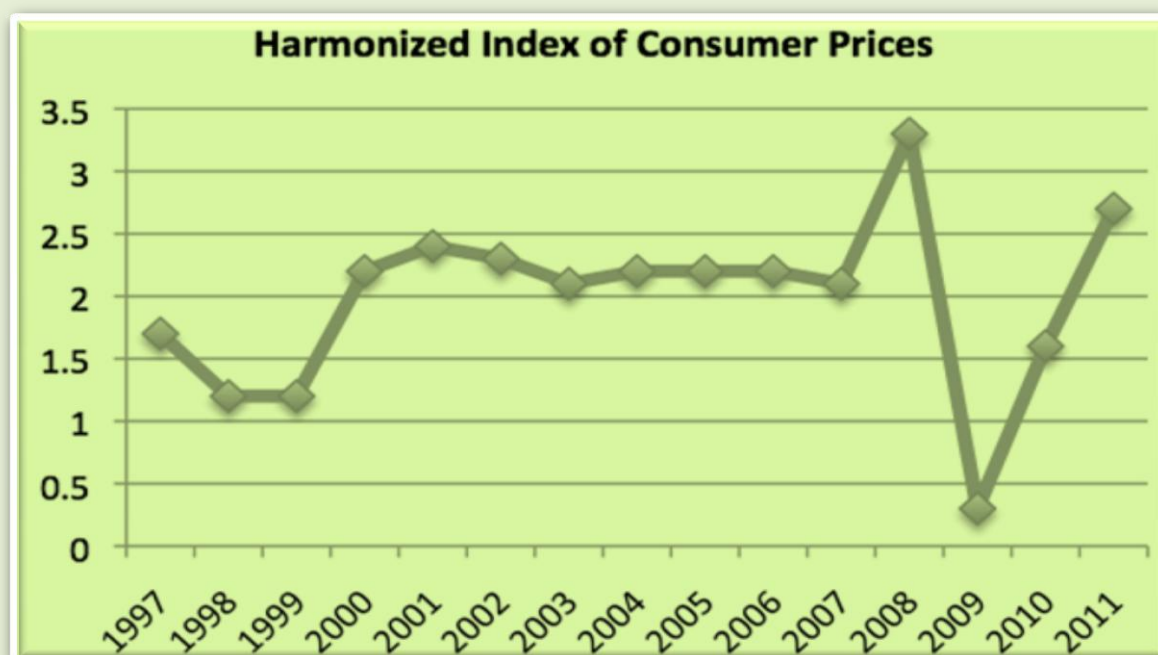


Figure 2: Euro Area Inflation Rates 1997-2011

Source: Euro area HICP statistics. (2012, January). *ECB Statistical Data Warehouse*. Retrieved February 26, 2012, from <http://sdw.ecb.europa.eu/home.do>

Within the EU, there are reduced transaction costs on trade because they are under a common currency (Mundell, 2011). These factors enable faster convergence of the Polish economy to that of the leading Western countries within the Eurozone. It is quite obvious that it will take reliable and extensive economic and financial analysis to evaluate the pros and cons of Poland's current standing outside the Eurozone. However, in the long run, the necessity of Poland's Eurozone membership is indisputable, with the only question being, when. Belonging to the group of countries using the common European currency is the best anchor for a national economy.

## EU Today

Currently, ten out of 27 European Union member states remain outside the Eurozone. Then, among seventeen Eurozone countries, there are the core countries that are net payers proposing changes in the principles regulating the way the Eurozone operates. These core countries have implemented rescue packages for the indebted countries. Germany and France are those mentioned most often as core states, although some analysts include more countries in the group. Another group of Eurozone members consists of the peripheral countries, sometimes referred to as "PIGS" – an acronym for Portugal, Ireland, Greece and Spain, with Italy sometimes added. Their present problem is mainly that they are all in



substantial sovereign debt, posing threat to the survivability of the banking system worldwide. Figures 3-5 presents the data for the indebtedness of selected Eurozone

countries from 2003-2010 in comparison to the United States and the United Kingdom, in billions of U.S. Dollars.

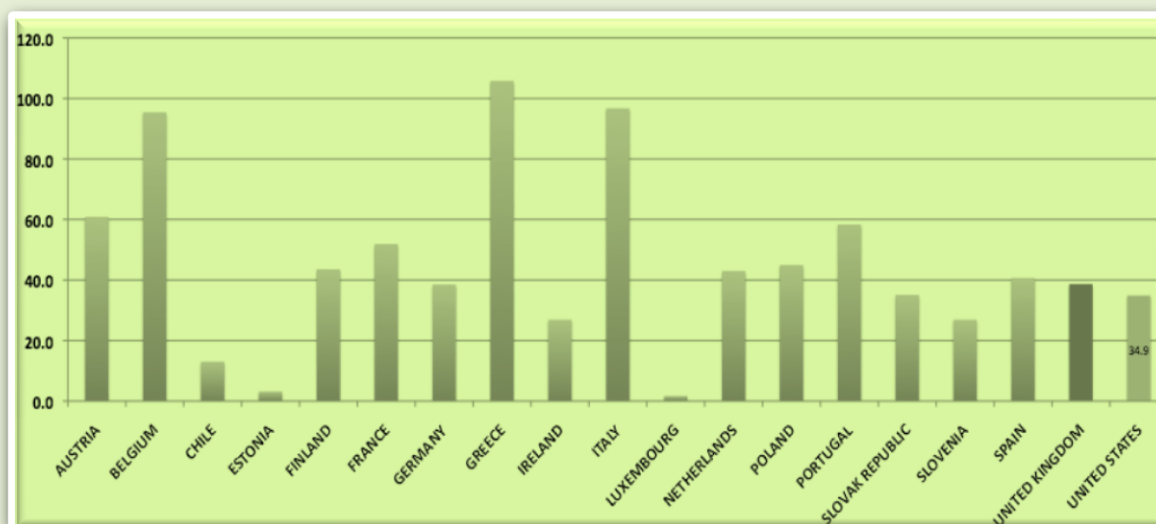


Figure 3: Debt as Percent of GDP in Year 2003

Source: OECD (2011), "Total central government debt", *Finance and Investment: Key Tables from OECD*, No. 1. Accessed on Feb, 15, 2012.

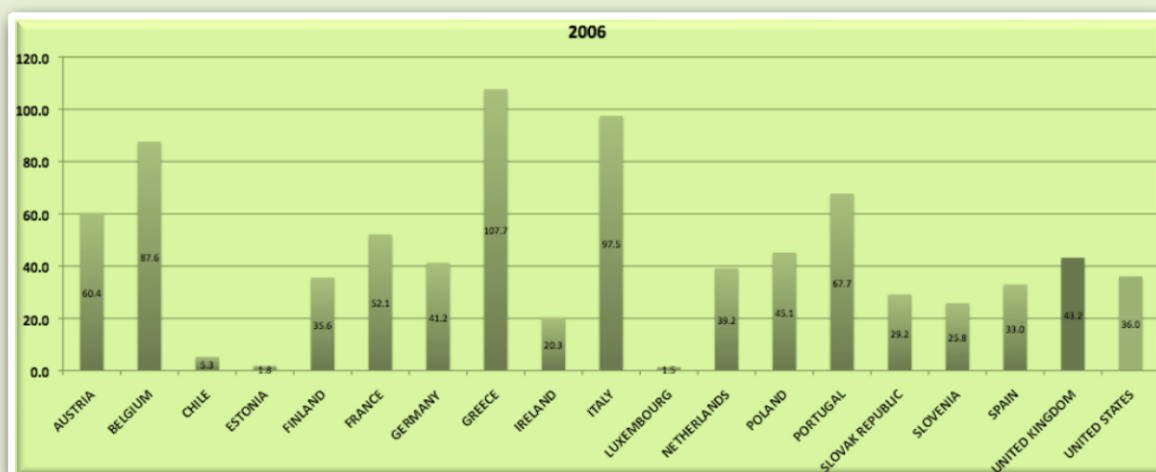


Figure 4: Debt as Percent of GDP in Year 2006

Source: OECD (2011), "Total central government debt", *Finance and Investment: Key Tables from OECD*, No. 1. Accessed on Feb, 15, 2012.



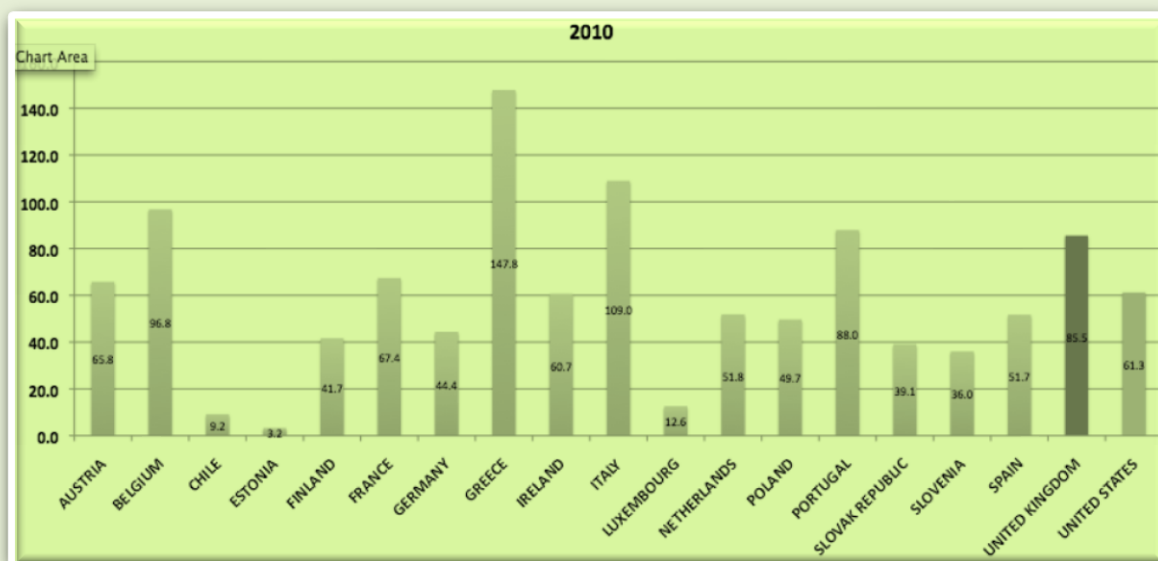


Figure 5: Debt as Percent of GDP in Year 2010

Source: OECD (2011), "Total central government debt", *Finance and Investment: Key Tables from OECD*, No. 1. Accessed on Feb. 15, 2012.

## 6. Eurozone Debt

Figure 6 demonstrates that debt continues to constitute a serious problem in the Eurozone. Such indebtedness is worrisome since these countries were obliged, on their accession to the Eurozone, to satisfy the Maastricht criteria, also known as the convergence criteria. These

requirements, as previously stated, include a low inflation and interest rate, a stable exchange rate, and the satisfaction of fiscal criteria based on low budget deficits and public indebtedness. Discussion of the negotiations behind the Maastricht Treaty and the associated convergence criteria can be found in Kenen's 1995 book, "Economic and Monetary Union in Europe."







Figure 6: Euro Area Debt as Percentage of GDP

Source: Central Bank Debt. (n.d.). *European Central Bank Statistical Warehouse*. Retrieved February, 26, 2012, from: [http://sdw.ecb.europa.eu/quickview.do?SERIES\\_KEY=121.GST.A.I6.N.B0X13.MDO.B1300.SA.G](http://sdw.ecb.europa.eu/quickview.do?SERIES_KEY=121.GST.A.I6.N.B0X13.MDO.B1300.SA.G)

These criteria were met, with much effort, by most countries before their accession to the European Union. This was challenging because many of the countries were rooted in a tradition of high inflation and interest rates, large budget deficit, and public debt. Certain balance sheet and budget-related items were “fine-tuned” during the period of adaptation by using some “innovative” accounting procedures. For example, current expenditures were accounted as future ones while future incomes were recorded as current outlays.

However, exceptions were made for countries such as Italy, who could not satisfy the Maastricht Criteria related to its debt to GDP ratio, but was allowed in because of the importance of its economy. The debt to GDP ratio criteria was not an obstacle for Poland who already had a law similar to the Maastricht Criteria prohibiting debt to GDP to exceed 60% prior to joining the European Union. (Mundell, R 2011) The push to fulfill the criteria is further examined in Obstfeld’s 1997 paper, “Europe’s Gamble.”

The accession was followed by a “Euro-banquet.” There was a marked increase



in consumption and investment. The period of adaptation required sacrifice, and these peripheral countries believed they earned the right to indulge. They increased both consumption and investment. Szyszka points out that the peripheral “PIIGS” countries in particular significantly increased their consumption and decreased savings after joining the Eurozone. Such behavior can be justified if productivity is also experiencing a comparable growth rate. From 1990-2007, private sector savings in the peripheral countries dropped from 24% to 14%.

However, unit labor costs saw an increase of 32%. Szyszka concludes that this led to a large gap between savings and consumption that contributed to the development of the sovereign debt crisis in the Eurozone.

### 7. Admission to the Eurozone

Figures 7-9 mark the consistent growth in Gross Domestic Product for the various countries after their admission to the Eurozone.

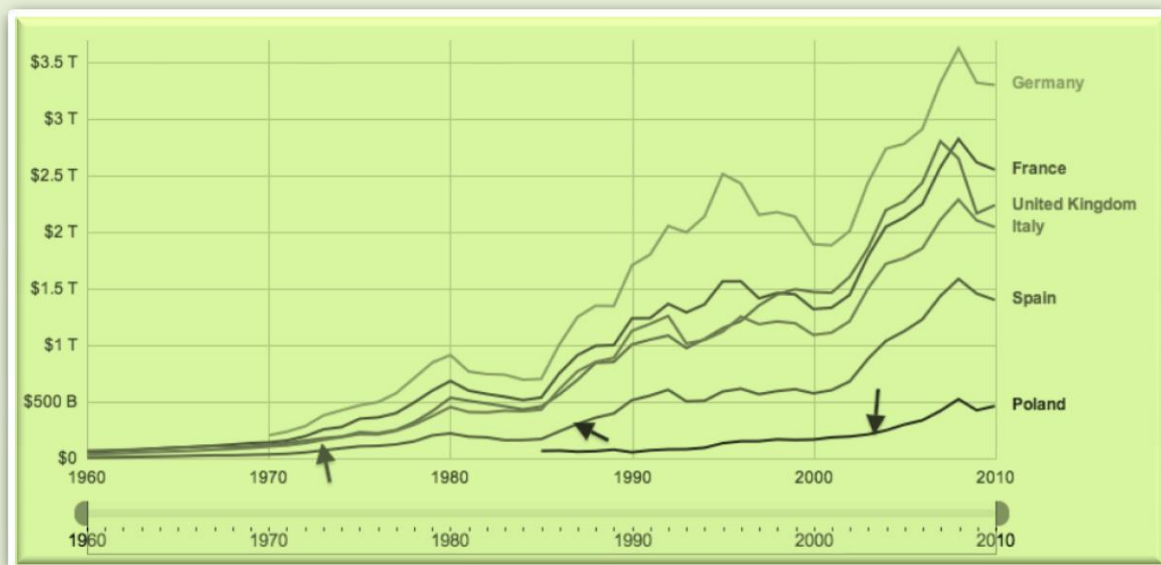


Figure 7: GDP Growth from 1960-2010 for Selected Countries



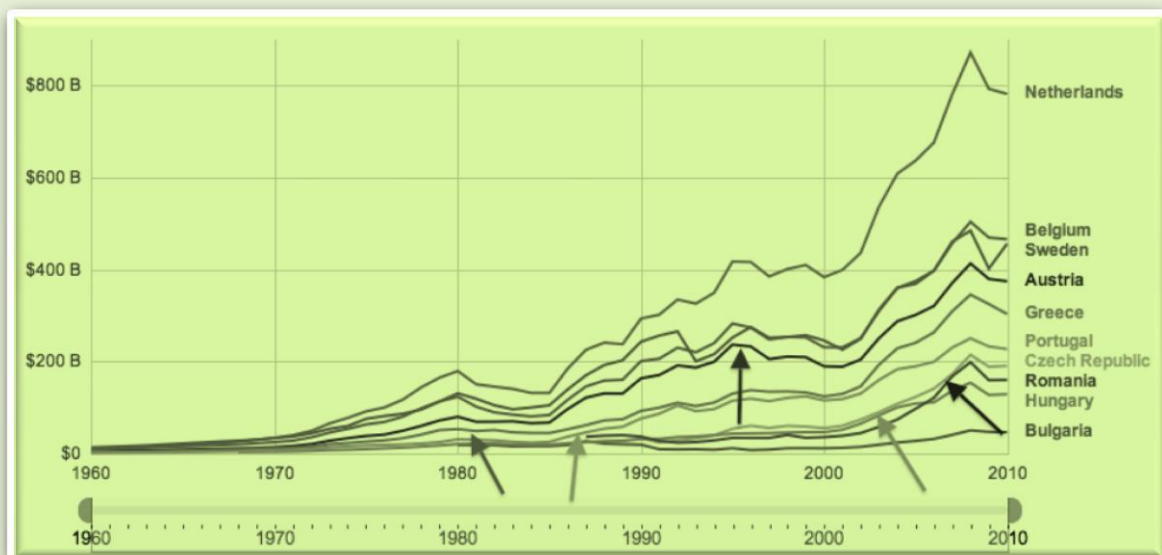


Figure 8: GDP Growth from 1960-2010 for Selected Countries

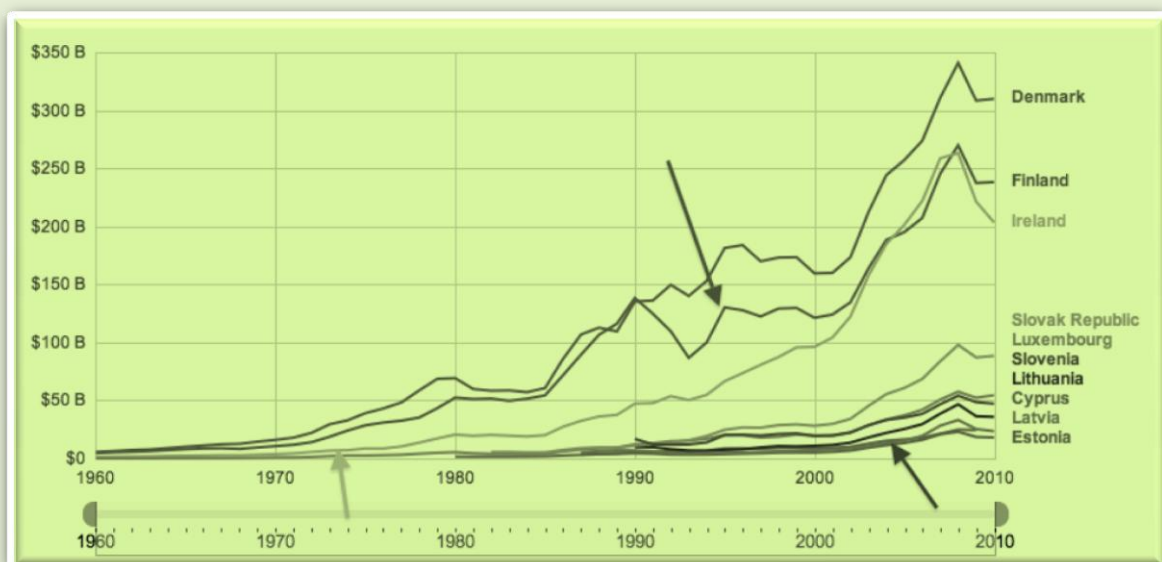


Figure 9: GDP Growth from 1960-2010 for Selected Countries

Source: "Gross Domestic Product: Various Countries." The World Bank, World Development Indicators. Last cited: 24 Jan. 2012. Web. 2 Feb. 2012.

The relatively low interest rates in the European Union gave these countries many opportunities for growth. This mindset was largely shared by banks, which were simultaneously giving credits to private sector customers and acquiring government-

issued securities from countries such as Greece, Ireland, Portugal and Spain. In both cases, recent satisfaction of the Maastricht criterias bestowed a certification of reliability upon these countries, creating an impression that they had made fiscally solid choices.



This belief included the public institutions and private sectors.

Banks, fundamentally concerned with maximizing profit for a given risk, were interested in giving credits and in acquiring more profitable (*i.e.*, bearing higher interest) government securities from peripheral countries. In effect, there was both a credit and investment boom throughout the entire European Union. The level of credits in the PIGS countries increased, over the years 2003-2009, to between 170% in Portugal and as much as 350% in Ireland. Growth of GDP followed, in some cases even exceeding the so-called potential growth resulting from the level of productive factors. This was accompanied by a rising inflation rate and by appreciation of the euro exchange rate.<sup>4</sup>

## **8. The Financial Crisis and the EU**

In the financial sphere, prices of financial assets, housing, and land increased. Payment gridlocks resulted, and many businesses lost their financial liquidity. Problems arose as a result of the insolvency of business entities and even of governments.

Despite these issues, the EU member states and even the group of peripheral countries are not to be blamed for the

problems they experienced. **The United States was the principal source of the financial crisis.** The crisis stemmed from the financialization of the American economy and the creation of toxic financial assets, which ended up losing much of their value and creating a lack of trust in the financial markets. Many of these toxic assets were held by European commercial banks which had trusted American financial institutions.

Therefore, many of the problems experienced by the EU, including difficulty with liability repayment, are the result of American actions. Early solutions to the crisis, proposing that European banks should be allowed to fail if they could not repay their debts, also came from America. The American point of view regarding the crisis in the Eurozone is biased because it is rooted in the opinion that, from its conception, the monetary union in Europe had a very poor chance of success. The Nobel Prize economist Joseph Stiglitz (2010) observes that “it is going to be extremely difficult now to return from scrambled eggs back to intact ones.” According to Stiglitz (2010), the Eurozone is never going to return to its previous state, and he questions whether the cost of rescuing the Eurozone will be greater than just ending the whole experiment.

However, it seems reasonable to maintain a more reserved attitude than Stiglitz (2010) towards the potential disintegration of the Eurozone. More than once, the Eurozone has managed to overcome

<sup>4</sup> *Euro/ECU Exchange Rates- Monthly Data (Rep.)*. (2012, February 22). Retrieved February 27, 2012, from Eurostat website: [http://epp.eurostat.ec.europa.eu/portal/page/portal/exchange\\_rates/data/database](http://epp.eurostat.ec.europa.eu/portal/page/portal/exchange_rates/data/database)



crises and emerge as a stronger entity. This may be the result of the present crisis. Nevertheless, a number of questions emerge. The creditors of indebted companies and countries are mainly banks and financial institutions based in France, Germany, the Netherlands and other countries (see Table 1). As a result, the collapse of institutions in the PIGS countries would also bankrupt a substantial part of the German, French, Netherlands, Austrian and the Benelux economies.

The countries thus have a common interest, a factor that necessitates implementation of a mutually beneficial rescue or emergency plan. Resources need to be found to bail out the PIGS countries. The task is difficult and, in most core countries, controversial. Balcerowicz (2012) believes that massive purchases of government bonds by the European Central Bank would be an even worse kind of bail-out. It would exacerbate the problem of moral hazard as such purchases are potentially unlimited, and would also increase the risk of inflation along with other negative economic consequences. More generally, trust in the

European Central Bank as guardian of the Euro's stability could be undermined, and the European Central Bank would be granted a powerful new political position with politicians attempting to influence its purchase decisions. It would also further undermine the rule of law in the EU at a time when confidence in the way the treaties are respected is so crucial. Balcerowicz (2012) believes that the main solution to the Eurozone crisis lies in properly structured reforms in the affected countries, and believes that experience clearly shows us that such reforms offer both a short-term and long-term solutions. Statistics suggest that such an aid-intervention would require a contribution of at least one trillion euro. This is an enormous sum, extremely difficult to bear for the budget of even the entire European Union. The burden of the operation has mainly been borne by France, Germany, and the Benelux countries, while those standing in line to benefit from financial support include Spain and, probably Italy. However, there is a limit of taxpayer tolerance in the countries in charge of bailing out the failing euro economies.

**Table 1:**

Exposition of financial assets of PIGS countries in balance sheets of banks from selected countries (US\$ billions)

<u>Entities</u>	<u>US\$ billions</u>
German banks	512.7
French banks	410.2
Spanish banks	117.3
Italian banks	73.3
Total Eurozone	1397.6

Source: BIS, 2010



Data presented in Table 1 indicate that it is appropriate for countries shouldered with the bailout burden to demand the balance of the debt alongside explanations for its emergence. The core governments are also at least partially to blame. After all, once the Eurozone was established and demand for credits and capital skyrocketed in the PIGS countries, the core countries failed to implement the necessary supervision or coordination of the economic policies of the PIGS countries.

In fact, the core countries seemed to overlook the high economic and financial risk of Portugal, Ireland, Greece, and Spain. Worse yet, Berlin, Paris and Brussels turned a blind eye toward the authorities of Greece, Ireland or Portugal as they “tuned up” their balances and official statistics, even at the stage of their accession to the European Union. At the same time, one has to remember that the EU was mainly a political project. Otherwise, Greece, and the other countries, would have had to wait longer before becoming a part of the common European currency.

Mundell (2011), like many others, holds that the prestige of being in the Eurozone can provide additional motivation for countries such as Greece to overlook problems in their spending. For example, they hiked pension plan expenditures to the level of Germany, regardless that their per capita income was only  $\frac{1}{3}$  of Germany's. Joining the Eurozone exponentially increased the moral

hazard of Greece because it rationalized that the Eurozone community would never let Greece fail. In essence, countries can fall into the trap of going on a “fiscal binge” as Mundell puts it because they assume that their expenses can never exceed the massive budget of the Eurozone.

Currently, the EU contains many different economic traditions and policies. There are many who live by the mantra, “First we work, then we save, and then we invest.” Conversely, there are those who say, “first we'll consume, then we'll invest what is left, if any, and in case something still remains, we'll save it.” Two very different worlds are trying to exist alongside each other. Consequences of aggressive real estate investments made by investors from the PIGS countries are also felt in Poland. Some of them purchased land, factories and buildings under the assumption that prices would go up because Poland, along with other Central and Eastern European countries, became a European Union member state. They hoped to capitalize on the principle of price equalization, according to which assets would increase about twenty percent.

The idea was to take credit in Eurozone-based banks which bore interest rates of a few percent and invest in assets whose rates of return seemed substantially higher. The idea was sound in theory, but reality deviated from the hypothesized course. The financial crisis born in the real estate markets in the United States had



repercussions in the EU. The crisis caused prices in real estate markets to fall, severely limiting chances to achieve expected rates of return on investments. In consequence, a large number of businesses in PIGS countries experienced problems with their liquidity and solvency.

What is the remedy to this situation? Does the Eurozone have any real chances of survival and further growth? Does the euro have any chance to continue as an international currency?

These questions cannot easily be answered. Proposed solutions are numerous and often contradictory. In an attempt to find a solution to the crisis, recall that the foundation of the Eurozone is based on political as well as economic motives. These political motives included, among others, the will to deepen integration within the European Union, a goal considered achievable only with the adoption of a single common currency.

The second political motive was Europe's intent to improve the stabilization of the global financial system, hitherto based upon only the dollar. The Asian crisis of late

1990s revealed a number of weaknesses in the dollar based global financial system. In order to prevent a calamitous collapse, it seemed appropriate to propose a financial system based upon another international currency in addition to the US Dollar. A third political motive for the creation of the Eurozone was the wish to weaken West German currency, the Deutsche Mark, and to control the strong, united German state. Paradoxically, Germany favored the idea of the common currency in the expectation that it would be weaker than the Deutsche Mark. Germany hoped that the adoption of the euro would improve the state's competitiveness following the burden of the unification process, a burden aggravated by the introduction of a strong national currency.



The Eurozone deepened the processes of integration in the European Union and stabilized the global financial system. For the first dozen years, the euro was a solid and stable currency, with the most stable prices in fifty years. The average



inflation in Euroland amounted, over the last 12 years, to c. 1.97% and the average level of inflation in Germany to c. 1.5%. Budgetary deficit (on average) at the end of 2011 was at around 4.5%, while budgetary deficit exceeded 10% in both the United States and Japan. Sure enough, not all of the Eurozone countries fared as well, but it cannot be said that the Eurozone as a whole fared poorly.

We can conclude from the data presented that the Eurozone is not homogeneous concerning financial, in particular fiscal, policy. This diversification gives rise to policy divergence regarding proposals to remedy the present situation and prevent a similar situation in the future.

## 9. Eurozone's Scenarios

According to P. Krugman, there are four scenarios for overcoming the present state of affairs in the Eurozone. While theoretically possible, they are practically difficult to implement in their pure form.

-Scenario one recommends:- **applying a restrictive financial policy to the Eurozone, especially fiscal policy.** This would consist of strict control of budgetary expenditure, cuts of budgetary outlays, and, where practicable, an increase in budget income.

Considering that the troubles in Europe are not part of a currency or monetary crisis (the euro exchange rate has been

appreciating against US Dollar since about third quarter of 2001, and businesses keep more and more euro as foreign currency reserves – at present close to 30%), but a crisis of economic policy financial crisis, such ideas are hardly surprising. Budgetary restrictions or discipline in the field of public debt seem obvious remedies. However, stern fiscal policy means that something has to be taken away from somebody.

From who, then, and where? Budgetary cuts would mainly target three areas: education, health care and pension funds. In addition, it would be necessary to increase taxes and cut wage rates in the public sector. The experience in Greece shows how practically difficult this is. The Grecian riots were only a little shy of letting the monuments of Athens go up in flames.

On the other hand, historical perspective provides examples of successful implementation of restrictive fiscal policy. Several years ago restrictive financial policy was applied in Baltic countries with considerable success. Budgetary and public debts were reduced, exchange rates of local currencies were stabilized, and inflation was decreased. Economies of the region stabilized enough to allow Estonia to meet the Maastricht criteria and become a part of the Eurozone. This example demonstrates that a policy of compulsory savings is not necessarily doomed to failure.





-Scenario two involves the restructuring of the debt. Debt restructuring would reduce all of the debts of the PIGS countries and their indebted entities. This program is already underway in Greece. The restructuring program is implemented based on the assumption that the debt weighs down upon both debtors and creditors, since both were initially over-optimistic in borrowing money and giving credits. Problematically, this prompts other countries and businesses to demand debt restructuring. While, formally, they might not belong in the Eurozone, their trade exchange with the Eurozone accounts for such a significant share that they hope to be regarded as part of it. Of course, it is impossible to satisfy the demands of all interested. Consequently, this second scenario also has little chance of success, even though it cannot be totally ruled out.

- Scenario three is referred to as the “Argentinization of Europe,” initiating changes similar to the policies in Argentina just over a dozen years ago. The Argentinian peso was devalued with respect to US Dollar in order to improve the competitiveness of Argentina’s economy, stimulating business activity and increasing income to the state budget. Is this scenario relevant to the European Union? In our opinion, it is not practicable. Recalling the political motive for the establishment of the Eurozone, one must realize the importance of the euro and the Eurozone as stabilizing forces in the global

economy, due to the possibilities of investing financial assets either in the US Dollar or in the euro.

As a result, devaluating the euro would not only mean destabilization of the Eurozone, but also destabilization of global finance and global politics. Devaluation of euro is the more incomprehensible given that, as mentioned before, the problems in the Eurozone are not a currency crisis. Additionally, there are still stable countries in the Eurozone despite the strong currency. The German economy was the best example, up until the recent news that it failed to sell its ten-years bonds out (just 40 per cent of the issue was sold). The economy of Germany is not totally immune to the unstable financial markets, and the same goes for the Benelux countries and France. Still, the risk inherent in devaluation scenario is excessive, and the costs of launching the policy could be extreme.

-Scenario four, known as “Europe’s Resurrection,” is based on the assumption that the states of Europe must return to a community-wise manner of thinking, a viewpoint of solidarity. The individual states succumb to nationalist and individualistic tendencies. Sooner or later, Europe is going to have to face the vital question of whether to evolve as a confederation or a federation. This will take profound political changes. Adequate institutions will have to be instated to take responsibility for the supervision and



coordination of the economic and fiscal policy of the European Union member states.

It is quite unlikely, however, that all countries will behave with equal decency and truly care for stabilization of the European Union through responsible fiscal and social policy. Therefore, it might be advisable to consider a common governance institution, such as an Agency of European Finance. The operations of such an agency or ministry are debatable. Should an agreement be reached between all countries interested in a coordination of budgetary policy at the level of their national parliaments? Can an agreement even be made about a new regulative institution at this level?

Present dilemmas, such as apprehension over the restriction of state sovereignty, would be multiplied. This confronts us with the pivotal question: which Europe do we want? Do we want to have a single strong European government or separate national governments? The essence of the problem is in the implementation of a German-French concept concerning fiscal union. Such a fiscal union would effectively mean that a certain part of budgetary policy would be transferred from the national onto the community level. Put another way, this would entail giving up narrowly perceived national interests. It seems worthwhile to adduce the example of America in this context.

The United States are engineered so that, should Alabama, California, or Mississippi face serious hardship while Washington while New Jersey or another state fare fine, federal taxes are sent to Washington D.C and subsequently sent to the states most badly in need. America thus reveals a strong tradition of solidarity. However, in Europe there is no consensus about the need to build the Union based upon solidarity transfers. On the contrary, net payers view this proposal out of the question. In addition, it is unclear how the hypothetical Fiscal Agency would operate. The Agency could not completely overshadow national parliaments on areas such as the state budget, but then its strength would be largely diluted. These are the doubts and dilemmas that will plague this attempted solution unless a concept with appropriate legal and administrative formula is adopted.

This leaves us with:

Scenario five, that Krugman did not address, which is perhaps even more illusory but should nonetheless be taken into account. **Many countries have substantial reserves in foreign currencies, including China and some Islamic countries.** The Chinese have proposed opening European borders so that the Chinese can buy out European debt and help manage it. Such a solution would drastically alter the global economic landscape and the distribution of relative economic power. With the West in its weakened state, new power would be



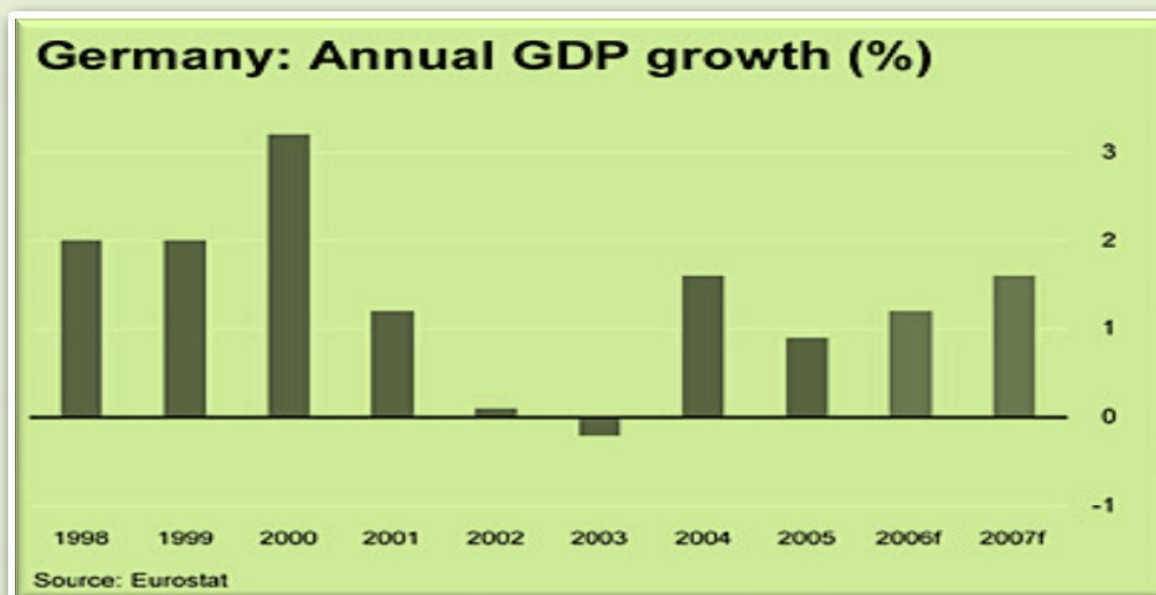
distributed among China, India, perhaps also Brazil and South Africa, resulting in far reaching repercussions.

In response to the question about the future of the euro, it is not the time to plan its demise. **First, in spite of the present problems in Euroland the condition of the euro is quite good.** The euro is going to survive even if Greece or Portugal decides to leave the Eurozone, a highly implausible prospect. As long as there are core countries interested in strengthening, consolidating and developing the euro, it will exist. The current situation demonstrates that the core countries are still concerned about the euro.

- Membership in the Eurozone, all things said and done, conveys an indisputable prestige upon members,
- Quitting the Eurozone would cause a great deal of economic, financial, and social turbulence in the deserting country as well as the Eurozone. For example, should Greece leave, its new currency would greatly be devaluated. This would further deteriorate the living standard in Greece decrease the import of goods and services from other Eurozone countries, worsening economic condition of exporting countries. No party to the game is thus interested in Eurozone disintegration.
- The Eurozone ensures states' access to large and wealthy sales markets,
- The Eurozone ensures economic, financial and political stabilization, both in Europe and worldwide,

Aside from Krugman, many other economists also agree that the **austerity measure applied today in the Eurozone is actually inevitable.** As the dominant economic power in Europe, Germany had its history of heavy inflation and stagnation.





Source: *German Growth Will Remain Sub-optimal*. Forbes.com. Mav 2006. Oxford Analytic

The austerity measure proposed by Germany today is not that different from what they have applied in the past. Germany tightened their budget, and tried to pass local laws to improve business competitiveness. Germany also changed their unemployment benefit system to promote productivity. The new system discouraged workers to retire early, and encouraged some of the workers in the labor force to take low paying jobs. This effort cut the expense of unemployment benefits and reduced the unemployment rate at the same time. It is not a win-win solution, but in the end, more people are able to get jobs, pay taxes and contribute to GDP.

The belt tightening measure also helped Germany avoid the housing bubble problem. Their government required a 40% down payment for every house mortgage. The German government also saved money from the taxes collected while improving the

efficiency of government offices and passing regulations to increase productivity. Germany invested more in education from the money they saved. The bottom line is: Germany did it from both sides, Demand and Supply.

Today, Germany can enjoy the fruits of their labor by showing economic growth despite the crisis all over the world. Learning from their own history, Germany is now pushing Greece to do the same.

From this point of view, saving the Eurozone is not going to be an instant measure. What is happening in Greece is a result of long term excessive expenditure and decline in growth. Paul Krugman suggested to kill the Euro (*Killing The Euro*, Op-Ed Columnist NY Times. December 1, 2011), but despite this, Germany and other Euro economic owners are trying to save the Euro by applying a long term solution. Greece will



default if they don't get a bail-out, but the effect is bigger than just Greece. If Greece isn't saved, and Spain and Italy end up defaulting as well, Germany itself will be hit with a bigger recession or even fail.

At this point, no remedy is good for everybody. Whether it's the short term solutions proposed by Krugman or long term solutions proposed by Germany and France, Euro will suffer for the next few years.

Until innovation and productivity in the Eurozone is restored, the European countries will remain non-competitive and stagnant. The need that becomes more and more evident now as well, is to have a distinct prospect drawn for strengthening another crucial pillar – along with that of fiscal discipline – aimed to fix the situation in the Eurozone. Namely, a stronger involvement of governments is needed in stimulation and support for economic growth. This also requires more active collaboration from many European institutions, including the European Central Bank or the European Investment Bank.

We may also have to deal with a need for a new political vision for the European Union. What we experience is a declining trust in European solidarity – the idea that has been developed since the end of the World War 2 and has become the cornerstone of European Union integration. Worse still, we face

aggravation of national egoisms that undermine trends toward integration we've grown to appreciate so much. Yet – in spite of that all – there is still future before the draft of European integration.

### Conclusion

The European Commission and the European Parliament are interested in the survival of the Eurozone. Establishment and operation of the Eurozone has strengthened these institutions by lending additional legitimacy to their existence and development.

Finally, the United States is interested in maintenance of the Eurozone as well. Why? The euro has become a stabilizing force in contemporary world finance. The euro can enable the coexistence between the Eurozone and US Dollar zone and opens prospects for further economic growth.

Of course, one might be tempted to ask whether these two pillars of global economy, one based upon the US Dollar, another one upon euro, shall suffice. Is a third one going to appear, Asian perhaps? This remains to be seen in the coming ten or fifteen years. The idea of replacing Adam Smith as the father of the free market economy in academic textbooks with a communist party secretary is incomprehensible to Europeans.



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