# **European Parliament**

2014-2019



# Committee on Budgets Committee on Economic and Monetary Affairs

17.3.2016

# **WORKING DOCUMENT 2**

on a Budgetary capacity for the Eurozone

Committee on Budgets Committee on Economic and Monetary Affairs

Rapporteurs: Reimer Böge, Pervenche Berès.

DT\1089821EN.doc PE578.795v02-00

# I. ACADEMIC CONTRIBUTIONS TO THE DEBATE ON A BUDGETARY CAPACITY FOR THE EUROZONE

During an expert hearing involving academics as well as practitioners, extensive contributions were delivered on the debate on a budgetary capacity for the Eurozone. The current debate among experts can roughly be divided into five aspects: (1) reasons for creating a common capacity, (2) functions of the fiscal capacity, (3) possible resources for financing the capacity, (4) challenges, conditions and obstacles, (5) governance.

#### 1. Reasons for creating a common fiscal capacity

The experts agreed that the subdued current recovery can only be temporarily supported by monetary policy measures and low energy prices, as the situation of public finances in euro area Member States is still fragile and cannot provide much stimulus to growth.

Experts stressed that EMU was built on the assumption that monetary policy would handle symmetric shocks, and rules would enforce budgetary discipline at Member States' level to provide margins in case of asymmetric shocks. The crisis has proved that this was insufficient and that improvement of economic governance in the euro area was needed. Many measures have been adopted to this end over the past years, but their implementation has been insufficient. Moreover, it was argued that monetary policy couldn't compensate all shortcomings of EMU, all the more so as the zero bound rate limits its effectiveness as macroeconomic tool. Therefore, there was broad consensus in the policy debate that the current situation can only be improved and future crises be avoided by completing the EMU. Enhancing the capacity of the euro area to deal with asymmetric shocks would therefore be key, and alleviate what was a severe deficiency in the previous crisis; a completed EMU would also restore the confidence of citizens and markets in the European project which was lost during the crisis.

There is ongoing discussion on possible designs for a fiscal capacity for the Eurozone. There are advocates for some form of a common budgetary capacity who share the view set out in the Four Presidents' Report coordinated by then President of the European Council Mr Herman van Rompuy, and reiterated in the more recent Five Presidents' Report on the EMU, that a shock absorption capacity at the euro area level is needed to complement automatic stabilisers at national level, whose functioning is limited as has been shown during the crisis. It is pointed out that coordination of national fiscal policies between Member States in case of economic downturns has proven to be difficult under the current setting. Therefore to some experts this proves that more stabilisation tools are necessary at the euro area level.

Some experts argue that a common budgetary capacity would improve risk sharing to the benefit of euro area countries, as it would smooth the impact of temporary income shocks such as national or regional consumption. It was argued that on the basis of existing academic literature, fiscal risk sharing manages to smooth between 15 and 30 per cent of regional shocks. At the moment, risk sharing is almost non-existent in both the EU and the euro area, which should not come as a surprise given that the EU budget is small and not designed for risk sharing.

-

<sup>&</sup>lt;sup>1</sup> International Monetary Fund, *Toward a Fiscal Union for the Euro Area: Technical Background Notes* (September 2013), 7.

A common capacity could enhance risk sharing through common borrowing and common revenues.

According to one expert, arguing against common borrowing at this stage, increased public risk sharing would not be politically acceptable given the incompleteness of EMU and the lack of credibility of its instruments. Furthermore, it was widely disregarded that private risk sharing via integrated markets can smooth a much larger percentage of asymmetric shocks than public risk sharing via a federal budget (around 62 % v. 13 % in the United States <sup>1</sup>). Given that private risk sharing is less developed in the EMU than in most federal systems, leading to a situation in which private capital flows even exacerbate asymmetries, it was deemed important to develop private risk sharing via the development of the European Capital Markets Union.

Following this logic, some experts argue that the insufficient compliance with rules before and during the crisis has weakened the effectiveness of budgetary policy in performing its stabilizing function. This had led to a loss of trust, a necessary condition for the good functioning of any stabilisation fund for the euro area. Hence, before contemplating budgetary capacity, full and consistent implementation and enforcement of all existing fiscal tools at the European level, including in particular the Stability and Growth Pact (SGP), and the Macroeconomic Imbalances Procedure, would rebuild trust.

Nonetheless it was commonly agreed that a fiscal capacity should go hand in hand with other fiscal stabilising measures. Multiple other measures were discussed, such as completing the banking union, increasing oversight over national fiscal policies, structural reforms at national level, strengthening labour mobility, convergence of taxation or creating a capital markets union. Above all, experts broadly agreed about the fact that the economic governance framework needs to be simplified, as the current framework was overly complicated and lacked predictability and ownership. This would improve credibility and confidence in the system as well as its resilience.

#### 2. Functions of the fiscal capacity

Most experts agreed that the stabilisation function is the main and most feasible of the classical fiscal policy functions to be fulfilled by a specific budget for the euro area. A redistribution function and/or provision of public goods could be envisaged in a more integrated political and economic union.

In the opinion of the contributors that strongly advocated a fiscal capacity, the ability to function as a stabiliser of asymmetric shocks was mostly emphasized: fiscal stabilisation should be moved, at least partly, from the national to the federal level, accompanied by more social, taxation and political integration. Even the contributions that were more careful on a budgetary capacity for the euro area and that advocated the focus on national policies acknowledged that the stabilisation functioning at federal level is the function with the most added-value. At the same time, the preservation of incentives for sound fiscal policymaking and for addressing structural weaknesses at national level was key. Consensus existed on the fact that permanent transfers and moral hazard have to be avoided.

\_

<sup>&</sup>lt;sup>1</sup> Asdrubaldi, Sorensen and Yosha (1998), "Channels of interstate risk sharing. the United States 1963-1990," *Quarterly Journal of Economics* 111 (4), 1081-110.

For the designs of a fiscal capacity, multiple options were discussed in the academic debate, depending on the preferred function for a future capacity. There have been specific contributions on a 'rainy day fund', an unemployment insurance scheme, and a public investment strategy.

#### 'Rainy day fund'

In this setting, the common budgetary capacity should be created as a **'rainy day fund'** that should accumulate financing through all countries on good times, to provide for funding in bad times. In a counterfactual experiment conducted by the IMF, a fund put in place in 1999, coincident with the introduction of the euro, could have increased the overall level of stabilisation to the level found in Germany, where 80 per cent of income shocks are smoothed through private and public channels combined, with annual contributions of about 1 ½ to 2 ½ per cent of GDP. Most of euro area countries would have been net contributors to the fund until 2007 and net recipients during the crisis. For the entire period, the average net contribution by each country would have been close to zero, showing that risk sharing of this type need not entail permanent transfers from one part of the euro area to the other. <sup>1</sup>

#### Unemployment insurance schemes

Advocates of an **unemployment insurance scheme** as an important tool on the European level to stabilise asymmetric shocks suggested that such a scheme could help decrease the pro-cyclicality of national fiscal policies, particularly in downturns. It would also require labour market convergence. In their view there are two alternatives: a fully-fledged insurance scheme or a limited scheme based on reinsurance. With a limited scope, supplementing other insurance schemes, the reinsurance scheme would only act in bad times, to extend the duration of unemployment benefits and with co-financing. Limited payments would mitigate moral hazards.

#### Public investment strategy

To stabilise economic weaknesses it was stated by some experts that public investment should be stimulated via a **public investment strategy** addressing the economic weaknesses of the euro area, to which the fiscal capacity would be dedicated. The suggestion was made to impose a golden rule of public investment and to create European and national investment programs. In this view public net investment should be exempted from deficit rules.

Another proposal focused on the lack of private investment which it attributed to an excess of savings and a lack of structural reforms. Instead of focusing solely on labour markets, reforms should also target education systems and product markets since enhanced productivity and higher education levels would eventually trigger investments. Reforms should go hand in hand with better legislation.

Most argued that the choice for the design and shape of the facility needs to be a political one. There were many ways a fiscal capacity could be implemented, all having their technical and political difficulties.

PE578.795v02-00 4/15 DT\1089821EN.doc

<sup>&</sup>lt;sup>1</sup> International Monetary Fund, *Toward a Fiscal Union for the Euro Area: Technical Background Notes* (September 2013), 13.

#### 3. Possible resources for financing the capacity

In the discussion on possible resources three possibilities were explicitly mentioned: borrowing ESM resources or issuing common bonds, using ECB dividends and introducing European taxes.

- ➤ Borrowing resources from the ESM as a means to finance a fiscal capacity was envisaged by some. As an alternative the issuance of **common bonds** was mentioned. When the same basis as ESM is chosen, rapid scaling when necessary is an advantage of this resource. Other experts suggested a slightly different design in the form of stability bonds, only dedicated to stabilisation.
- ➤ On the issue of taxes, it was made clear that tax bases have to be broad enough and marginal rates small to avoid economic distortions. European taxes limit the scope of national taxes, as the total amount of taxes should not be increased. The sort of taxes that should be imposed is a political question.
- ECB dividends that for the moment are transferred to the national central banks were also discussed as a possible resource. Whether that would require treaty change was challenged based on article 32.7 of the statute of the European System of Central Banks and of the ECB. Instead, being the final recipients of these dividends, Member States could decide to transfer them to a common fiscal capacity.

#### 4. Challenges, conditions and obstacles

Depending on the view on the designs of a budgetary capacity for the euro area, a broad range of challenges and possible obstacles were addressed. Three challenges were discussed in multiple contributions: the probable limited size of a euro area capacity, lack of convergence resulting in a risk of permanent transfers, and the dangers of moral hazard.

#### Limited size

It was commented that a future common fiscal capacity would probably have a limited size given the political challenges at play. Another contribution emphasized that the capacity should be as big as is politically feasible. Multiple speakers commented that the limited size that a fiscal capacity for the euro area would probably have provided challenges.

Nonetheless, it was argued that a common budgetary capacity could have a limited size when endowed with limited functions. If the capacity was solely dedicated to macroeconomic stabilisation it has been shown by several studies that a small budget could produce significant temporary transfers. This was especially the case if it should concentrate on big shocks and would be balanced over the whole cycle. A facility with a size of approximately 1.5 to 3% of euro area GDP could make major contributions to stabilisation.

One expert also considered that a short term solution to address issues related to a possible limited size of a genuine euro area budget as well as legal constraints, while addressing asymmetric shocks in the euro area, would be to build on a Commission *ex ante* assessment of the fiscal stance for the euro area for the next year, and to translate this at national level in a

prescriptive way.

#### Lack of convergence

It was argued by some contributors that a lack of convergence created the risk of permanent transfers. As stated earlier, there was agreement that permanent transfers should be avoided. Nevertheless, it was recognized that the risk of permanent transfers would exist within a common fiscal capacity. It was discussed that this risk could be overcome with convergence and structural reforms as this would improve *ex ante* risk sharing and subsequently avoid permanent fiscal transfers. In the same vein, the American model of federal unemployment insurance system was considered compatible with the heterogeneous nature of labour markets in the euro area. A challenge to the scheme was, however, that it would require convergence on the labour market. Therefore an effort had to be made for "reconvergence" as it was named.

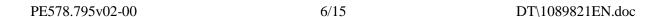
#### Moral hazard

The risk of moral hazard was broadly acknowledged in the academic debate. The prospect of fiscal support would possibly decrease the need for budgetary discipline. To avoid moral hazard it was noted that stronger governance structures and better enforcement mechanisms were important. Moral hazard was also explicitly discussed in the framework of an unemployment benefit scheme. In the context of a limited unemployment benefits scheme, moral hazard could thus be avoided by only extending the national insurance period rather than replacing national schemes.

## 5. Institutional framework for governance

To care for good implementation and execution of the budgetary capacity for the euro zone the importance of a stronger governance framework was explicitly mentioned. It was argued that ex-ante risk sharing would go hand in hand with stronger governance. Some experts especially stressed the requirement of joint decision making with strong common institutions. On this area multiple observations have been made: on a euro zone treasury, on an independent European Fiscal Board (EFB) and on how to deal with democratic legitimacy.

- Above all, it was stressed that the community method should prevail in the design of the capacity in respect of the rights of non-euro members.
- To deal with asymmetric and systematic shocks in the euro area, a euro zone treasury allowing temporary transfers over the cycle was suggested. This treasury should provide support based on well-defined criteria. Some argued that this institution should be accountable to the European Parliament. The ESM could be taken as basis for this EU treasury, with borrowing as background. With this base rapid scaling when necessary is an advantage.



- The already planned independent European Fiscal Board (EFB) was generally welcome by experts who attribute an important role to it. This independent board could define when a Member States is suffering from exceptional circumstances. Exceptional times would be situations in which the ECB is not able to stabilise the economy with monetary policy alone. The EFB should define this distinction based on transparent criteria. When the exceptional times are defined, support would be based on the independent analysis. After independent analysis by the EFB, scrutiny would have to be exercised by the European Parliament and it should be debated in national Parliaments.
- The role that should be played by the European Parliament and by national Parliaments was also emphasised when discussing democratic legitimacy of a budgetary capacity. It was argued that the structure would depend on the structure that is chosen for the fiscal capacity. As an option the creation of a euro area senate was suggested.

#### II. POLITICAL FEEDBACK ON THE FIRST WORKING DOCUMENT

To conclude the first working document an extensive, but non-exhaustive list of questions was inserted to trigger discussions on the follow-up of this document. The various answers received by the political groups within the EP to these questions reflect the diversity and sensitivity of the political debate.

#### 1. Why is a fiscal capacity needed to achieve a genuine EMU?

In one of the contribution the flaws of EMU were acknowledged. It was stated that the euro crisis gave evidence that a common currency cannot work decently without common fiscal, economic and political integration, relying on controlling the money supply through a central bank alone.

One of the shadow rapporteurs argued that before commenting on the necessity of a euro area fiscal capacity, the goal of a genuine fiscal and economic policy would need to be defined.

#### 2. What functions should a budgetary capacity for the euro area fulfil?

In addition to the discussion on functions in the first working document, some shadow rapporteurs argued that the document should elaborate more on certain functions, i.e. public investment, structural reforms and convergence.

#### Public investment

In one contribution it was mentioned that a fiscal capacity should not only be a responsive tool in case of country-specific shocks but also to actively prevent the development of macroeconomic imbalances within the euro zone and enable Member States to achieve full employment. Therefore a focus on public investment policies was needed. The responsibility for the avoidance and correction of macroeconomic imbalances should lie with Member States. The fiscal capacity could assist them in achieving these goals, without conditionality linked to particular policy measures.

DT\1089821EN.doc 7/15 PE578.795v02-00

According to this contribution, to deal with imbalances, divergence of Current Account balances, at the heat of the recent crisis, needed to be avoided. The fiscal capacity should have an aim for a balanced Current Account to avoid unsustainable levels of external debt. A symmetric treatment to correct account surpluses and deficits would reduce the need of transfers between Member States, with regard to economic stability. It would also render adverse fiscal rules superfluous, as with low external debt, public deficits could be funded via corporate and private household savings at the discretion of Member States, without risking the need for bail-out via other Member States. To reduce the amount of excessive public debt in the Eurozone, debt above the Maastricht threshold of 60% of GDP could be transferred into a debt redemption fund, which would then pay down the debt over 25 years.

In another contribution on this same theme, guaranteeing aggregate demand at full employment level, without creating internal imbalances was seen as the main objective of the euro zone budgetary capacity. To solve the current lack of aggregate demand in Member States with positive externalities, it was necessary both to either recycle or avoid surpluses and to perform huge public investments at EU level.

In this view there should be more focus on current account surpluses than solely on deficits. Therefore, the MIP should be transformed in a "surplus avoidance mechanism" as soon as possible, allowing the fiscal union and its budgetary capacity debate to be focused on its main goal: to guarantee a full employment aggregated demand in the euro zone.

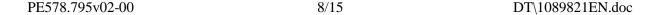
#### Structural reforms

Another contribution argued that the first working document failed to include the "promotion of structural reforms" as one possible design for a budgetary capacity. In this view a budgetary capacity which is integrated into the budgetary framework but clearly separated from the Multiannual Financial Framework (MFF) should support structural reforms that are not covered by the MFF. Its focus should be on the financing of policies stimulating growth and jobs and thereby increasing the overall competitiveness and stability of the EU. Necessary reforms were conducive to more investment, profitable projects and productivity enhancing.

Structural reforms were necessary to complement monetary policies according to this contribution, because past decades had shown that sole fiscal transfers do not guarantee Member States to catch up. Risk sharing would not lead to gains in competitiveness and would not fundamentally improve the basis for sustainable economic growth in the long-term. Member States could be offered conditional support solely for the implementation of agreed structural reforms to enhance competitiveness. Systematic, regular and independent evaluations would thus be necessary to ensure that all spending is achieving the desired outcome. Performance outcomes were more important than simply spending appropriations available.

#### Convergence

It was also proposed that a budgetary capacity could foster the convergence among Member States towards a common currency area. Further trade integration, the improvement of labour market mobility and flexibility could act as ex-ante shock absorbers. Thus, growth-enhancing structural reforms that foster the improvement of the functioning of the EU Single Market would have to be promoted.



Until a complete implementation of the Banking Union is in place, further risk reduction was necessary until Member States see the risk of moral hazard sufficiently reduced to agree to some form of risk mutualisation. Meanwhile, the promotion of necessary structural reforms to increase convergence among Member States was an ex-ante shock absorber by itself.

Besides these functions that needed elaboration, there a comment was also made on unemployment insurance. It welcomed support to unemployed people but stressed the support scheme should also be able to boost growth and jobs. The focus of a scheme would have to lie at employing the unemployed by contracting them for well-designed investments.

# 3. How to strike the right balance between solidarity and responsibility, by addressing issues including geographical distribution effects, moral hazard and permanent transfers?

Comments were made on the role of solidarity tools envisaged in the Four Presidents' report (June 2012) within the framework of building a fiscal union. In this view the concept of solidarity tools would have to be elaborated as part of the report.

Another contribution focused on the risk of moral hazard within the different designs of a fiscal capacity. It was stressed that countries could become less concerned about reducing debt knowing that ultimately an insurance fund would bail them out. In this view even greater mutual surveillance and stronger governance will not be sufficient to avoid moral hazard, as implementation and enforcement of the European Semester or Country Specific Recommendations are often ignored. SGP rules are too often not adhered to by Member States and the Commission is not fully and coherently using sanction mechanisms.

The moral hazard problem was also stressed when discussing 'eurobonds' as part of the framework. Countries pursuing negligent budget policies would be able to borrow via 'eurobonds' without facing increasing government bond spreads. Thus, countries would build up unsustainable debt and risk default.

Another challenge to the fiscal capacity was addressed on the area of cyclically-sensitive economic indicators. Thus, the measurement of the cyclical component of the unemployment rate or growth rate was erratic. While a country with an economic downturn caused by exogenous circumstances should be entitled to solidarity and possible short-term transfers, economic downturns caused by bad policy should not. The distinction between exogenous and endogenous factors causing economic downturns was complex and subject to the perception of what is good or bad policy. In addition, poorer countries would pay for the unemployed in richer countries, according to this contribution.

#### 4. How should the budgetary capacity be financed?

Several contributions were received on the topic of financing.

It was stated that funding should not be provided through regressive taxes, i.e. VAT, to avoid the adverse effect on domestic demand. Transfers between Member States under the fiscal capacity should take the form of investment rather than financing consumptive purposes, which should be financed via taxes.

Member States contributions to the fiscal capacity could be financed by combatting corporate tax avoidance via a CCCTB, or by financial transaction taxes.

To address the problem of a persistent current account surplus, contributions by the Member States could (in part) be based on their excessive surplus; from these contributions, public investment projects in the corresponding Member States could be financed, to increase domestic demand. Further resources for the fiscal capacity and/or one off contributions to capitalize EIB and/or national promotional banks, in order to promote investment, could come in form of GNI based contributions from Member States, which should be exempted from the SGP rules.

The fiscal capacity should also have the ability to issue debt or refinance itself via the ECB, to respond to negative shocks; if own resources turned out to be insufficient to cover debt payments, Member States should be jointly liable.

## 5. What size should the budgetary capacity have to be able to fulfil its functions?

On the issue of the necessary size, it was argued by some that a limited size was insufficient to address the investment weakness in the euro zone and general economic problems in some Member states. One shadow rapporteur argued that the volume of any budgetary capacity would be too small to have anti-cyclical effects or to reduce macro-economic imbalances across Member States.

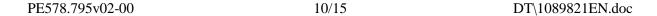
6. Should the EMU fiscal capacity be established inside or outside the budgetary framework? In case of the first: how does the capacity have to be designed to ensure coherence with the existing funds of the EU budget such as the European Structural and Investment Funds (ESIF)) as well as other funding mechanisms partially funded or guaranteed by the budget, namely the ESM (practically a preliminary step towards a European Monetary Fund), the Youth Guarantee and the EIB operations (especially EFSI)? Should it serve vertical (those who are more able shoulder more) and/or horizontal (sector/jurisdiction compensation) equity?

It was argued that the ESM features as a shock absorbent in financial crises. A budgetary capacity should focus on incentivising and stimulating necessary reforms in good economic times. It should not absorb shocks of Member States with lax budget policy. Therefore a clear distinction between the functioning of a fiscal capacity and of the ESM should be made.

# 7. What would be legal forms of the options suggested? Could they be implemented within the scope of the current Treaty or would they require a revision?

One of the shadow rapporteurs argued that the suggested and preferred measures do not need Treaty change.

Another shadow rapporteur took the view that the recent deal agreed with the UK at the European Council of February 18th, 2016, recalled, following the amendment to the EFSM regulation during the summer of 2015, that differentiation within the current treaties was possible and even desirable: "'emergency and crisis measures designed to safeguard the financial stability of the euro area will not entail budgetary responsibility for Member States



whose currency is not the euro". Furthermore, "appropriate mechanisms to ensure full reimbursement will be established where the general budget of the Union supports costs that derive from the emergency and crisis measures."

This paragraph called for a specific budgetary capacity and governance for the Eurozone.

# 8. Should the capacity be limited to Eurozone Member States or should it be open to other Member States, and if so, under which conditions?

One of the shadow rapporteurs emphasizes the importance of defining the scope: a capacity for the euro area or the EU as a whole. Another contribution endorsed the view of the Five Presidents' Report which underlines that any budgetary capacity should be open and transparent vis-à-vis all Member States. Non-Eurozone countries had to be given complete rights of participation, benefits and governance. In the view of this shadow rapporteur the role of a budgetary capacity should be to improve the overall economic resilience of the EMU and individual countries that will join the Eurozone eventually. It would thus help to prevent crises and ensure a sound and smooth integration into the EMU.

Finally, another shadow rapporteur underlined that the already existing solidarity within the Eurozone should be emphasised: when something goes wrong in the Eurozone, the national budgets of the Eurozone countries are put to contribution, not the EU budget at large or the budgets of non-Eurozone Member States. This called for specific and stronger governance structures (Treasury, full-time presidency, Eurozone chamber).

## 9. Budgetary framework

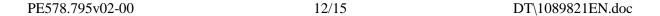
There is wide agreement that a fiscal capacity for the euro area should be anchored in the EU's budgetary framework as this presents advantages in terms of governance and accountability. It also derives from the Parliament's long standing insistence on unity of the budget. But it also presents legal and political constraints that were explained by the legal service.

Three scenarios have been sketched, the first one being more ambitious and in line with the Community method, the second more pragmatic and rapidly feasible, but more intergovernmental, and the third one strictly intergovernmental and outside the budgetary framework, which could consequently not be supported by the European Parliament:

Any revenue of the Union must respect the own resources ceiling. Consequently, the creation of any significant new source of Union revenue might require an upwards revision of that ceiling. A revision of the own resources decision requires unanimity in the Council together with ratification by all 28 national parliaments. However, since it does not amount to treaty change, it would not be necessary to hold referenda in the Member States.

Under this scenario, the new revenue could then be assigned to specific Eurozone purposes as assigned revenue under Article 21(4) of the Financial Regulation. In this way, a new charge/tax could be created and, if necessary, the own resources ceiling could be raised as part of a single legislative package that would have to be adopted by unanimity in the Council and then ratified by all the national parliaments.

- ➤ To avoid having to respect or amend the own resources ceiling would require to rely on direct contributions from the Member States as external assigned revenue, as was suggested by the Commission in its communication on the Convergence and Competitiveness Instrument in 2013. The contributions would be managed by the Commission and the European Parliament could grant discharge. However, this would amount to a more semi-intergovernmental budgetary solution, with the Member States being free to decide how much they each contribute and what their contributions are used for.
- Finally, if the budgetary capacity was to be established under enhanced cooperation, Article 332 TFEU would apply, meaning that 'expenditure resulting from implementation of enhanced cooperation, other than administrative costs entailed for the institutions, shall be borne by the participating Member States, unless all members of the Council, acting unanimously after consulting the European Parliament, decide otherwise'.



#### III. Elements of reference

## **Åkerholm, Johnny** (Finland)

https://www.linkedin.com/in/johnny-%C3%A5kerholm-73006427?

**Asdrubaldi, Sorensen and Yosha** (1998), "Channels of interstate risk sharing, the United States 1963-1990," *Quarterly Journal of Economics* 111 (4), 1081-110

#### Bénassy Quéré, Agnès (France)

Co-author of Bruegel Policy Contribution, "Which Fiscal Union for the Euro Area?," *Bruegel Policy Contribution* 2016, no. 5. http://bruegel.org/wp-content/uploads/2016/02/pc\_2016\_05.pdf

#### Blanchard, Olivier (France)

Co-author of Sveriges Riksbank Working Paper "Jump-Starting the euro-Area Recovery: Would a Rise in Core fiscal Spending Help the Periphery?" http://www.riksbank.se/Documents/Rapporter/Working papers/2015/rap wp304 150714.pdf

#### **Bofinger**, Peter (Germany)

 $\frac{http://www.wiwi.uni-wuerzburg.de/lehrstuhl/vwl1/team/bofinger/+}{http://www.faz.net/aktuell/wirtschaft/eurokrise/die-waehrungsunion-braucht-politischeintegration-ein-standpunkt-von-peter-bofinger-13727596.html}$ 

#### Boone, Laurence

Co-author of the manifesto "Pour une Communauté politique de l'Euro" (<a href="http://bruegel.org/2014/02/pour-une-communaute-politique-de-leuro/">http://bruegel.org/2014/02/pour-une-communaute-politique-de-leuro/</a>) and the report "Completing the Euro: A road map towards fiscal union in Europe". <a href="http://www.institutdelors.eu/media/completingtheeuroreportpadoa-schioppagroupnejune2012.pdf?pdf=ok">http://www.institutdelors.eu/media/completingtheeuroreportpadoa-schioppagroupnejune2012.pdf?pdf=ok</a>

#### Borg, Anders (Sweden)

Interview with newspaper *The Telegraph* on 18 July 2015, "Deeper eurozone integration would be 'huge mistake'" <a href="http://www.telegraph.co.uk/finance/economics/11747880/Deeper-eurozone-integration-would-be-huge-mistake.html">http://www.telegraph.co.uk/finance/economics/11747880/Deeper-eurozone-integration-would-be-huge-mistake.html</a>

#### Calliess, Christian (Germany)

"A New Institutional Design for the Governance of the Eurozone and the European Union? Deficits and Proposals", Berliner Online-Beiträge zum Europarecht, Nr. 96, S. XX. "Nach der Krise ist vor der Krise: Integrationsstand und Reformperspektiven der Europäischen Union", Berliner Online-Beiträge zum Europarecht, Nr. 107, S. XX.

#### Cottarelli, Carlo (Italy)

Presentation for IMF-ECB Conference in Frankfurt, 13 December 2012, "Fiscal Federations: Lessons for the Design of a European Fiscal Union." https://www.imf.org/external/np/speeches/2012/121312.htm

#### Coeuré, Benoit (France)

Opening speech at the Public Hearing on a Budgetary Capacity for the Euro Area, on 3 March 2016: <a href="https://www.ecb.europa.eu/press/key/date/2016/html/sp160302\_1.en.html">https://www.ecb.europa.eu/press/key/date/2016/html/sp160302\_1.en.html</a>

#### **Enderlein, Henrik** (Germany)

https://www.hertie-school.org/enderlein/

#### Geeroms, Hans (Belgium)

<u>Co-author of the Policy Brief "A Banking Union for an Unfinished EMU", for the Wilfried MArtens Centre of european Studies.</u>

http://www.martenscentre.eu/sites/default/files/publication-files/european-banking-union.pdf

#### Homburg, Stefan (Germany)

http://www.fiwi.uni-hannover.de/homburg.html

**International Monetary Fund**, *Toward a Fiscal Union for the Euro Area: Technical Background Notes* (September 2013), 7.

#### Isarescu, Mugur (Romania)

Speech before the UniCredit 15th International Advisory Board, Rome 10 July 2014. "Relations between Euro and non-Euro Countries within the Banking Union" http://www.bis.org/review/r140716c.pdf

#### **Knot, Klaas** (Netherlands)

Opening speech at the Public Hearing on a Budgetary Capacity for the Euro Area, on 3 March 2016. http://www.dnb.nl/nieuws/nieuwsoverzicht-en-archief/nieuws-2016/dnb338536.jsp

#### Miklos, Ivan (Slovakia)

**Molterer, Wilhelm** (Austria): former Finance Minister, EFSI Managing Director Interview at the Committee of the Regions on "An Investment Plan for Europe." <a href="https://www.youtube.com/watch?v=5im22RBPkic">https://www.youtube.com/watch?v=5im22RBPkic</a>

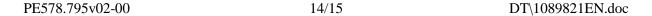
#### Noyer, Christian,

Address at the Lamfalussy Lectures Conference "The euro dilemma: inside or outside?" Budapest, 31 January 2014.

http://www.bis.org/review/r140205e.htm

## Oksanen, Heikki

Author of conference paper "Smoothing Asymmetric Shocks vs. Redistribution in the Euro Area: A simple proposal for dealing with mistrust in the euro area"





#### Regling, Klaus (Germany)

Speech at conference on Building a Resilient Europe
Brussels, 30 September 2015. "Risk sharing and resilience in the euro area."
<a href="http://esm.europa.eu/pdf/2015\_09\_30%20KR%20Resilience%20conference.pdf">http://esm.europa.eu/pdf/2015\_09\_30%20KR%20Resilience%20conference.pdf</a>
Speech at the Seminar in Lisbon on "Governance and Policies for Prosperity in Europe"
<a href="http://www.esm.europa.eu/pdf/KRLisbon\_10\_4\_15.pdf">http://www.esm.europa.eu/pdf/KRLisbon\_10\_4\_15.pdf</a>

#### Seux, Dominique

http://www.franceinter.fr/emission-le-debat-economique-europe-bientot-une-union-politique

## Törnqvist Stefan (Sweden)

https://helda.helsinki.fi/bitstream/handle/10138/136003/HECER-DP383.pdf?sequence=1

#### **Truger Achim** (Germany)

http://www.ipe-berlin.org/index.php?id=achim-truger&L=1 http://blog.arbeit-wirtschaft.at/goldene-investitionsregel/

#### **Ubide Angel** (Spain)

http://www.piie.com/staff/author\_bio.cfm?author\_id=635 http://blogs.piie.com/realtime/?p=5376

#### Vallée, Shahin

http://bruegel.org/wp-content/uploads/imported/articles/INTECO\_23.pdf Co-authored the manifesto "Pour une Communauté politique de l'Euro (http://bruegel.org/2014/02/pour-une-communaute-politique-de-leuro/)

Wieser, Thomas (Austria), former Director Economic Policy and Financial Markets, Austrian Finance Ministry
<a href="http://www.parliament.uk/documents/lords-committees/eu-sub-com-a/GEMU/cEUA021013ev14FINAL.pdf">http://www.parliament.uk/documents/lords-committees/eu-sub-com-a/GEMU/cEUA021013ev14FINAL.pdf</a>
<a href="http://www.jvi.org/special-events/2014/fiscal-and-financial-stability-in-europe.html">http://www.jvi.org/special-events/2014/fiscal-and-financial-stability-in-europe.html</a>