Could France have a different fiscal policy?

By Jérôme Creel

Shouldn't the economic crisis that is gripping the euro zone, including France, lead to calling into question the approach being taken by fiscal policy? In light of the unprecedented broad consensus among economists about the impact of fiscal policy on the real economy, it is clear that the austerity measures being adopted by France are a mistake. Moreover, invoking European constraints is not a good enough argument to exclude a much more gradual process of putting the public purse in order (also see the iAGS project).

There is no need to go beyond what European legislation requires, and doing so can be especially harmful if in fact the additional budgetary efforts generate less growth and, ultimately, further deterioration in the public finances due to higher social spending and lower tax revenue. What do the existing European treaties actually demand? In the case of a government deficit that exceeds 3% of GDP, the minimum effort required for fiscal adjustment consists of reducing the cyclically adjusted deficit, *i.e.* the structural deficit, by at least 0.5% of GDP per year. Furthermore, the time period for reducing the debt to 60% of GDP is 20 years. Finally, exceptional circumstances now include an "unusual event" that could justify deviating from the current standards for the deficit.

Based on these exceptional circumstances and on the rule requiring an annual improvement of at least 0.5% of GDP in the structural deficit, it can be shown that the French government has fiscal maneuvering room in 2012 and 2013, while still complying with European fiscal rules.

Table 1 lists the sequence of public deficits and of GDP growth from 2011 to 2013 according to two forecasts produced by the European Commission in the Spring and then the Autumn of 2012. According to the Spring forecast, the French structural deficit was supposed to decrease by 1.2% of GDP between 2011 and 2013, on average slightly above what is required by the Commission. In fact, the improvement from 2011 to 2012 exceeded 0.5% of GDP, while it fell below that from 2012 to 2013.

What about the Autumn 2012 forecast? The expected improvement in France's structural deficit was now expected to be 1.1% of GDP between 2011 and 2012 and then 1.4% of GDP between 2012 and 2013, taking into account the government's commitment to reduce public spending and raise taxes. These projected improvements in the structural deficit are two and three times greater than what European fiscal rules require, which is a lot! For the year 2013, this amounts to almost 20 billion euros that need not be levied on French households and businesses. Abandoning this levy does not mean abandoning fiscal austerity, but rather *spreading it out over time*.

Furthermore, the European Commission now expects a slowdown in the French economy in 2013. Unless one argues that the French government is responsible for this slowdown – and while this might indeed be the case in light of the austerity budget the government is imposing on the French economy, it is far from clear that the European Commission would want to employ such an argument, given its role in championing austerity! – this deterioration in the country's growth prospects could fall within the category of an "unusual event," thus giving France an opening to invoke exceptional circumstances in order to *stagger* and *extend* its fiscal adjustment efforts.

Instead of awaiting the miraculous effects of structural reform – a potentially lengthy and uncertain process – all that is really needed is to apply the regulations in force,

without imposing an overly restrictive reading of what they contain, so as to limit the reduction in growth being caused by austerity and avoid a new period of rising unemployment. According to the conclusions of the iAGS report, staggering the fiscal austerity measures in France would lead to adding 0.7 GDP point to growth every year from 2013 to 2017.

The "unusual event" constituted by yet another year of very low growth in 2013 for France also opens the possibility of suspending the austerity policies, at least temporarily. Once again according to the findings of the iAGS report, the French government should put off till 2016 its policy of consolidating the public finances. The gain in terms of growth would be 0.9 percentage point per year between 2013 and 2017. Provided that this policy is actually conducted carefully and not postponed indefinitely, it would enable France to reduce its public debt to GDP ratio in compliance with existing EU treaties.

Forecast for the French economy

		2011	2012	2013
Public deficit *(% of GDP)*	Spring 2012	5.2	4.5	4.2
	Autumn 2012	5,2	4.5	3.5
Structural deficit *(% of GDP)*	Spring 2012	4.1	3.2	2.9
	Autumn 2012	4.5	3.4	2.0
PIB (%)	Spring 2012	1.7	0.5	1.3
	Autumn 2012	1.7	0.2	0.4

Source: European Commission forecasts.

Is nationalization a trap or a tool of industrial policy?

By Jean-Luc Gaffard

The closure of the Florange blast furnaces in the Moselle region by ArcelorMittal and the French government's hunt for a buyer led it to temporarily consider nationalizing the site, that is, not only the production of crude steel, but also the cold forming line. The threat of nationalization was clearly wielded with a view to forcing the hand of the Mittal group so that it would sell the operations to another firm. If a nationalisation like this had been carried out, it would have been a penalty-nationalization, *i.e.* a sanction of behaviour by the Mittal group deemed contrary to the public interest. Apart from this unusual feature, it would have also raised issues about competition.

The project around the Mittal site is reminiscent in some ways of the nationalization of Renault in 1945. It would be hard to argue, however, that any reproaches would be along the same lines. There would clearly be no question of the nationalized site being made a showcase for a social policy designed to spur the country's growth. The goal was less ambitious. It involved neither more nor less than a transfer of ownership from one private group to another. This would, of course, have been a first in the use of the weapon of nationalization. Any comparison with the French government's support for Alstom in 2004 doesn't hold: in this latter case, the point was to save a company that might go bankrupt as a result of risky acquisitions, and not simply to replace it with another company. Moreover, the problem was confined to the company in question, with no global or even sectoral implications. Comparisons with the support of the Obama administration for the automotive industry in 2009 are also out of place, as that involved saving a company that was being forced into

bankruptcy in an industry generally considered strategic.

The reality in the case of Florange was and remains that no potential buyer thought they would be able to keep the blast furnaces operating in an environment marked by falling demand for steel, in particular in the wake of the crisis in the automobile industry. That is why, whatever happened, the buyer would demand to keep the rolling mill too. This requirement would be in its best interest: the blast furnaces could not be taken over except on the condition that they could supply the activity immediately downstream on the same site. If this condition had been met, it would undoubtedly have posed a problem for the Mittal group, as it currently provides the steel for the mill in Florange from its Dunkirk site, so the new situation would have caused it difficulties, including in terms of jobs. In other words, a temporary nationalization with a view to a transfer of ownership would interfere with competition between private entities. It is far from clear that this was in line with the general interest.

The occasionally argued thesis that Mittal’s strategy was the act of managers who were merely obeying the shareholders and who were advocates of an economy without factories or machines does not really hold water in light of the nature of the firm’s activity and the degree of integration of the different production sites. One could, however, make the hypothesis that Mittal’s strategy involving the closure of the blast furnaces in Florange amounted to a plan to ration supply that was designed to prevent a collapse of steel prices and boost already low margins. This hypothesis might be credible if the demand for steel depended primarily on its price, whereas it is obvious that the decline observed is the result of the global crisis and particularly the slump in sales in the automotive and construction industries. In other words, a fall in steel prices today would not lead to higher demand and ensure the continued operation of all the blast furnaces. It is much more plausible to assume that, in the current

macroeconomic environment, the transfer of ownership that was considered would simply have resulted in changing market shares rather than increasing the market's size.

In fact, there could only be real doubt about both the legitimacy and the capacity of the public authorities to arrange the most appropriate configuration for the market, or even the breakdown of the jobs to be saved or destroyed. Furthermore, if a decision to nationalize had indeed been taken in a situation like this, any determination of fair compensation would have proven difficult and prone to litigation.

In short, the nationalization under consideration could hardly have been an effective tool of industrial policy. It is not for the public authorities to arbitrate between private interests to determine who owns what, including when certain sites are to be closed. This type of arbitration is the responsibility of the competition authorities. Industrial policy, in turn, should interfere as little as possible with the division of market shares between the various competitors. At most it could ensure the survival of companies whose activity is considered strategic and who are going through a difficult period due to the global situation or to industrial choices that have proved erroneous or simply more expensive than expected.

In this situation, it is not surprising that the government did not follow up with the nationalization project and instead supported the compromise of simply requiring that Mittal undertakes to make investments to modernize the site and to maintain the blast furnaces in running order with a view to equipping them with highly efficient technology in terms of carbon dioxide emissions, leading to a gain in competitiveness, as part of the European Ultra-Low Carbon Dioxide Steelmaking project (Ulcos).

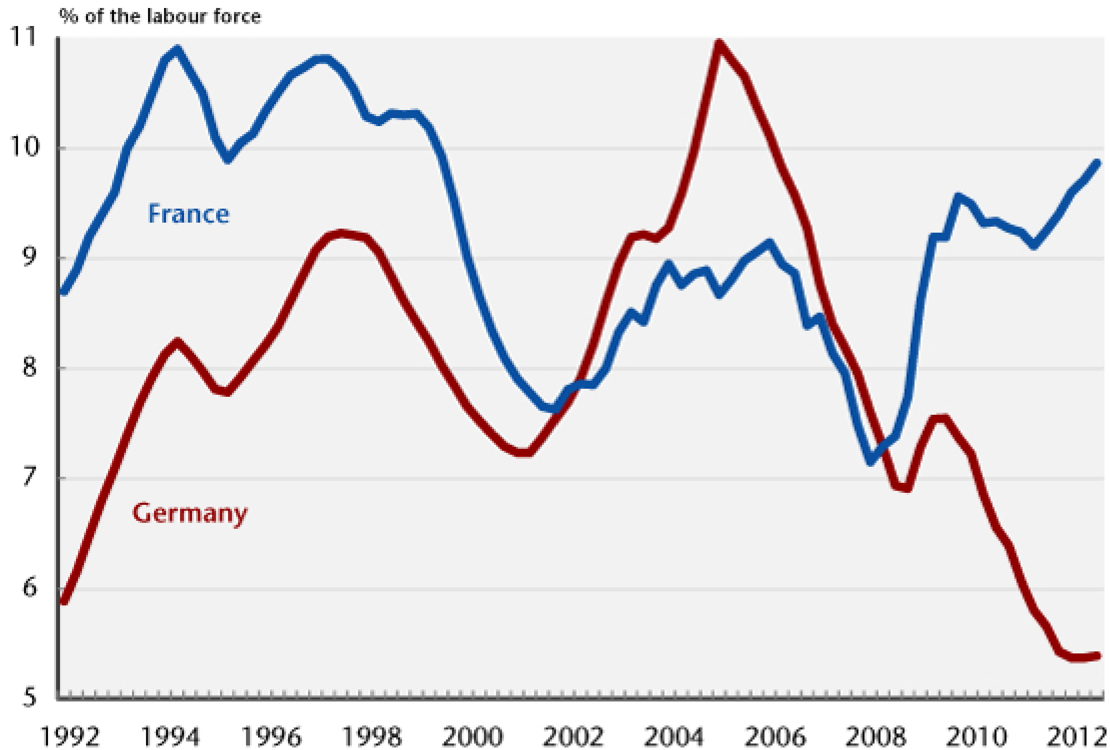
The nationalization under consideration was indeed a trap in

every sense of the word. The political and media battle about the fate of the Florange site revealed, in fact, an error in the government's analysis. The difficulties being experienced by the French steel industry result from a lack of demand, which is in turn the result of a policy choice of generalized austerity. Trying to resolve this macroeconomic problem with a microeconomic solution was, at a minimum, risky and shows the inconsistency of the short-term and medium-term decisions being taken on economic policy.

Higher unemployment in France, greater poverty in Germany

By Eric Heyer

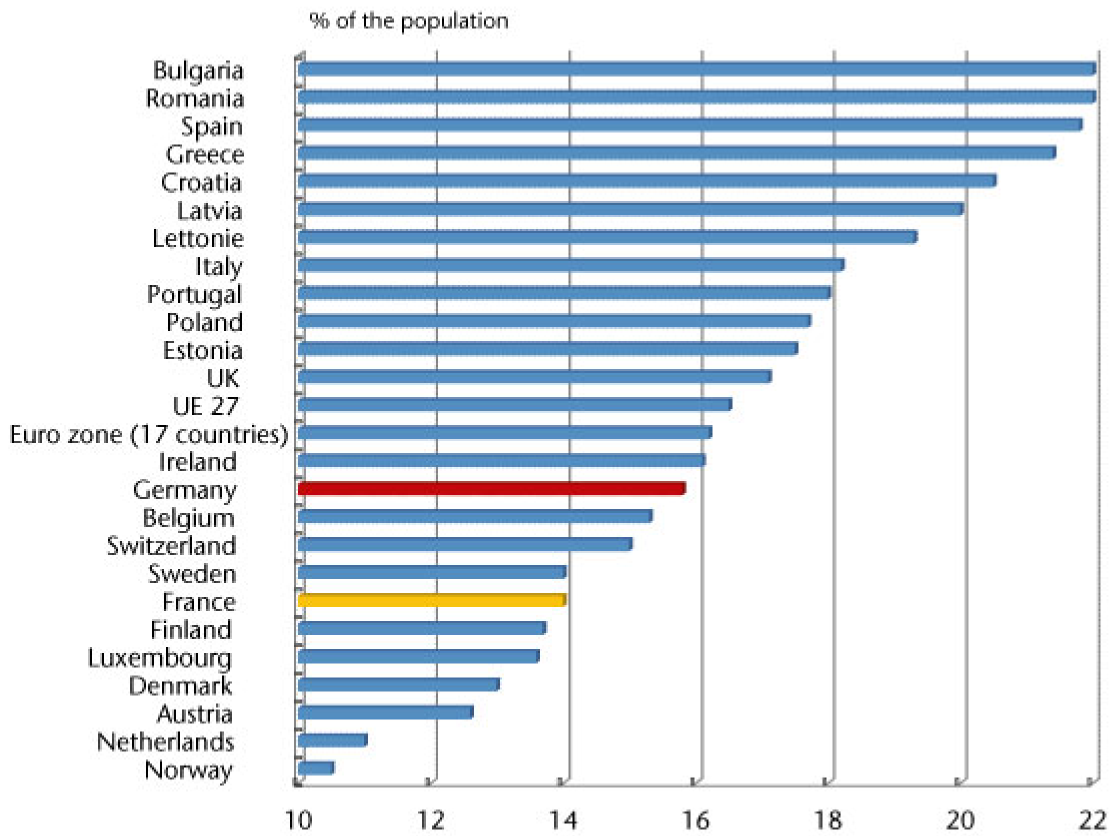
Will France be the new Greece, as *The Economist* has argued? Should French reforms be accelerated and be modelled on those implemented in Germany ten years ago? For German public opinion, for its authorities and for a large number of economic experts, the answer is obvious. Not only does Germany have a lower deficit, but unlike its French neighbour it has also managed to significantly reduce its unemployment rate. Starting from a similar level in the early 2000s (close to 7.7% at end 2001), the unemployment rate now stands at 5.4% of the labour force in Germany, 4.5 percentage points below the level in France (Figure 1).



The purpose of this note is not to revisit the reasons for this difference, which have already been the subject of posts on this blog (see in particular the impact of demography, by G. Cornilleau, of the reduction in working hours, by E. Heyer and M. Plane, and of the rise in male-female inequalities, by H. Périvier). The point rather is simply to note that the reduction of unemployment in Germany has been accompanied by a steep rise in poverty.

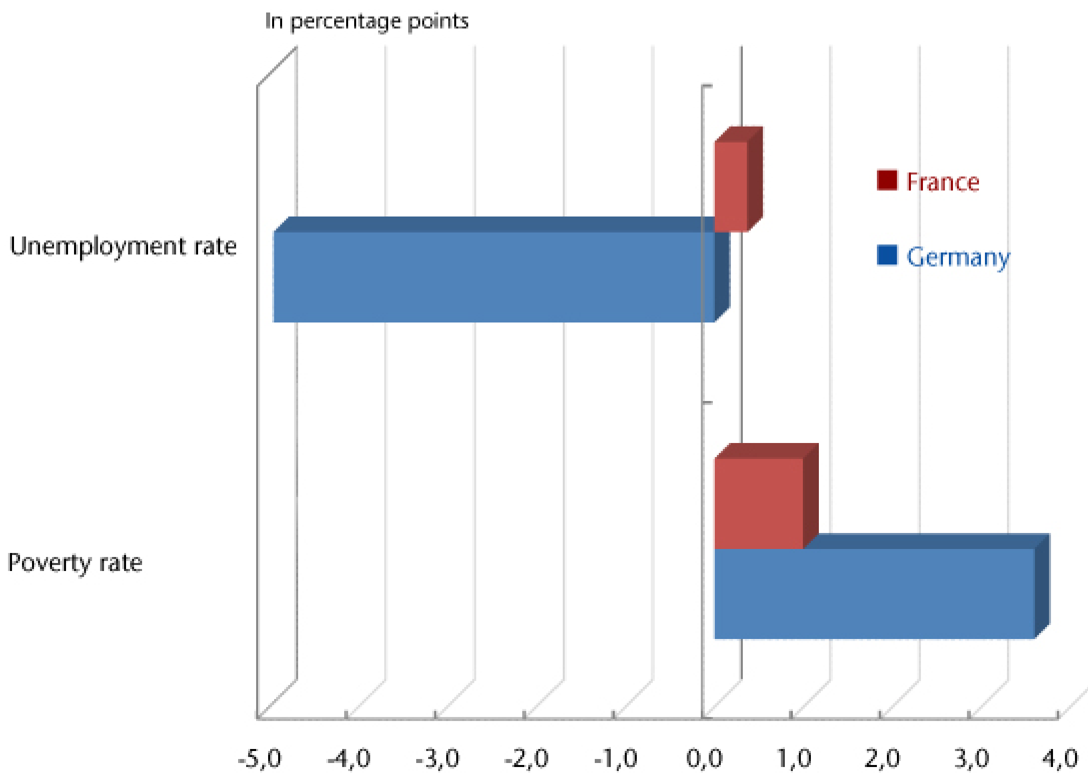
According to Eurostat, over the past six years the poverty rate (measured at the threshold of 60% of median income) has risen by 3.6 percentage points in Germany, four times more than the rise observed in France (0.9 point). In 2011, despite the sharp drop in unemployment and the large differential with France, the poverty rate in Germany was 1.8 points higher than the level observed in France, *i.e.* a difference of over 11% (Figures 2 & 3).

Graphique 2 : Poverty rate (60 % of median income) in 2011



Source : Eurostat.

Figure 3 : Changes in the unemployment rate and poverty rate (60 % of median income) in France and in Germany (2005-2011)



Source : Eurostat.

There is, therefore, a hidden side to the reforms implemented in Germany over the past ten years, which have led to lower unemployment but greater poverty.

The dilemma of competitiveness

By Jean-Luc Gaffard

The competitiveness of a country is a complex subject. Some people rebel against the very concept on the grounds that it can't be applied to a nation and is only meaningful for companies. It is true that if a company gains market share, this necessarily comes at the expense of a competitor. And it is no less true that when one country increases its exports to another, then the extra income earned by the first will, in part, fuel demand that then benefits the second. The benefits of one become a condition of benefits for the other. This back-and-forth justifies international trade, whose aim is a better use of resources by everyone, with the benefits being shared by all, on an equitable basis. This story makes sense. And it does indeed indicate that the competitiveness of a nation is not comparable to that of a business.
However, there are global imbalances that result in longer-term surpluses or deficits that reflect differences in the competitiveness of the companies in the countries in question. These require appropriate policy responses to meet the challenge of making possible what some have called the return journey, that is to say, to set in motion the mechanisms

through which the income earned by one country is converted into demand on the other.

This is the difficulty facing France today. The country has been building up trade deficits since 2002: it is facing a problem with the competitiveness of its companies on global markets, and is no longer able to use the exchange rate instrument. The persistent trade deficit is clearly of even greater concern than the public deficit, and its absorption should be a priority. This is why calls have been mounting for a competitiveness shock, that is to say, economic policy measures that are able to make companies more competitive by reducing their production costs.
That said, a competitiveness shock is not easy to implement. Of course, in a developed economy, business competitiveness primarily means non-cost competitiveness that is based on a company's ability to occupy a technological or market niche. But regaining this type of competitiveness requires investment and time. Furthermore, non-cost competitiveness is not independent of immediate price competitiveness. Quickly rebuilding business margins is a necessary, though probably not sufficient condition for a return to non-cost competitiveness. This requirement is all the more stringent today as obtaining captive markets through differentiation can often be very costly in terms of R&D and exploring customer prospects.
The difficulty facing the French economy is that the restoration of margins needed may come at the expense of household purchasing power and thus of domestic demand. Competitiveness gains could remain a dead letter if final demand were to collapse. Moreover, there is nothing to say that restoring margins *per se* will result in a pick-up in investment if companies face just such a slowdown in demand, if not a fall.

It seems that what is needed is to grasp both ends of the chain: short-term price competitiveness and medium-term non-

price competitiveness. Quickly restoring business margins requires transferring the financing of social protection to taxes on households. Enabling companies to re-establish their price competitiveness demands further improvements in the level of infrastructure and support for the establishment of productive ecosystems that combine good local relationships and the internationalization of production processes. In both cases, this involves the question of what fiscal and budget strategy should be implemented.

The difficulty comes from the prioritization of objectives. If priority is given to immediately restoring the public accounts, then adding another burden due to the transfer of charges onto the tax grabs already taken from households will definitely run the risk of a collapse in demand. This means either admitting that such a transfer is really possible only in conditions of relatively strong growth and thus postponing it, or making the improvement of the trade deficit a priority over the public accounts and thus not tying our hands with a budget target that is too tough.

The government has decided to stay the course of public deficit reduction, and has in fact postponed the competitiveness shock by proposing, after a year or more, business tax credits that are to be offset by hikes in the VAT rate in particular. The underlying rationale is clear. The search for a balanced budget is supposed to guarantee a return to growth, but care is being taken about further weighing down demand by adding to the tax increases already enacted to meet the target of a 3% government deficit by 2013. The prevailing idea is that, aided by a wise budget, a pick-up in activity will take place within two years in line with the supposedly conventional economic cycle, which has the additional advantage of coinciding with the electoral cycle.

The path being chosen is narrow and, quite frankly, dangerous. Fiscal austerity measures are still subjecting domestic demand to heavy pressure. The restoration of business margins has been put off. Would it not be better to stagger the recovery

of the public accounts more and ensure more immediate gains in competitiveness by using the appropriate fiscal tools?

The result to be expected from either of these strategies is of course highly dependent on the choices being made at the European level. Persevering on the path of widespread austerity will mean nothing good will happen for anyone.

2013: what impact will the (national) fiscal measures have on growth?

By Mathieu Plane

This text supplements the October 2012 forecasts for the French economy

After having detailed the multiplier effects expected for the different fiscal policy instruments, the average domestic fiscal multiplier associated with the austerity measures being implemented in France in 2013 will be 0.9. This policy will cut GDP by 1.7% in one year alone. After a cumulative fiscal effort of 66 billion euros in 2011 and 2012, the structural saving expected for 2013 represents about 36 billion euros (1.8 GDP points) if we include both the measures in the 2013 budget bill (*Projet de loi de finances* – PLF) and the various measures adopted previously (Table). The fiscal shock resulting from the PLF for 2013 comes to 28 billion euros, of which 20 billion is solely on tax and social security

contributions (*prélèvements obligatoires* – PO). Of the remaining 8 billion, an increase of nearly 5 billion euros in tax and social security contributions is from the second supplementary budget (*Loi de finances rectificative* – LFR) for the summer of 2012, the rest being mainly due to the first LFR for 2012 and to the hike in contributions resulting from the revision of the pension reform in summer 2012.

In total, the fiscal effort in 2013 can be broken down between tax and social contributions of about 28 billion euros (1.4 GDP points) and structural savings on primary public expenditure of 8 billion (0.4 GDP point). The burden of higher taxes and social contributions breaks down to nearly 16 billion euros for households and more than 12 billion for business. This breakdown does not take into account the competitiveness measures announced on 6 November by the Prime Minister. The tax credits for competitiveness and employment (CICE) will not have any fiscal impact in 2013, with the exception of the possible establishment in 2013 of an advance on their future tax credits for some companies short of cash.

Based on the variants in the fiscal multiplier, made with e-mod.fr according to the economy's position in the cycle, for the main taxes and social security contributions as well as for the key components of public expenditure [1] and based on the different evaluations we were able to carry out, particularly in the context of the assessment of the Five-year economic programme, we applied a specific fiscal multiplier to each measure for 2013 (Table). The short-term multipliers take into account only the direct effects of the measures on domestic activity, regardless of the fiscal policies of our trading partners, which amplify the impact of national policy. It is also assumed that monetary policy remains unchanged. The long-term multiplier values differ from the short-term ones, being generally lower unless a long-term negative output gap is maintained.

Of the 16 billion euro increase in tax and social security

contributions on households in 2013, the discretionary increase in personal income tax (IR) will be 6.4 billion, including 3.2 billion from the 2013 Budget Act (*Loi de finances*) – against 4 billion in the PLF, as the proposal to tax capital gains on securities at the income tax scale will be largely amended, and the yield from the measure could decrease by about 0.8 billion, with the shortfall being able to be offset by the extension of the exceptional 5% contribution from the IS tax on large corporations), and with the rest coming from the supplemental LFR for 2012 (including 1.7 billion solely from the de-indexation of the personal income tax schedule). While the increase in personal income tax from the 2013 PLF is targeted at high earners, the amount this will contribute (3.2 billion) represents only 11% of the increase in tax and social security contributions (20% if we limit ourselves to households) in 2013, and less than 9% of the total fiscal effort. According to our calculations, the average fiscal multiplier associated with the different measures that increase personal income tax will be 0.7 in 2013.

The increase in taxes and social contributions from households will come mainly from the increase in payroll taxes and social security contributions (8.7 billion euros) set out in the Social Security budget act (PLF) for 2013 (2.9 billion) and the measures in the supplemental LFR for 2013 (5.3 billion, which includes changes to the tax exemption on overtime, a limitation on tax breaks and employee savings, a higher CSG wealth tax on income from capital, etc.) and pension reform, with an increase in the contribution rate (0.5 billion). The average fiscal multiplier related to these measures is 0.9. Finally, the reform of inheritance tax will raise a further 1.1 billion in tax and social contributions. On the other hand, the revenue from the ISF wealth tax will be 1.3 billion lower than in 2012. Indeed, the yield from the one-off wealth tax contribution set up under the supplemental LFR for 2012 will be greater than from the one set up under the new reform

in 2013. The fiscal multiplier for these two measures is 0.3.

In total, according to our calculations, the increase in levies on households in 2013 will on average have a multiplier of 0.8 and will amputate growth by 0.6 GDP point.

For business, the measures adopted mainly involve an increase in the corporate income tax as provided in the budget bill (PLF) for 2013 (8 billion euros, of which 4 billion is related to the reform of the deductibility of financial expenses). The average multiplier for the increase in the corporate income tax (IS) is estimated at 0.7 in 2013. 2.3 billion euros will come from a rise in social security contributions and payroll taxes with a fiscal multiplier of unity. Finally, other measures such as the sectoral measures on the taxation of insurance or the exceptional contribution of the oil industry will increase the tax burden on business by 1.9 billion in 2013, with an average fiscal multiplier estimated at 0.5.

In our assessment, the increase in taxes and social contributions from companies will on average have a multiplier of 0.8 and will reduce GDP by 0.5 GDP point in 2013.

In addition, the short-term fiscal multiplier associated with public expenditure in a low phase of the cycle is, in our model, 1.3, so it is higher than that associated with tax and social contributions. This result is consistent with the most recent empirical literature (for details, see the box, "Fiscal multipliers: size matters!" The estimated loss of activity resulting from tightening up on public expenditure will come to 0.5 GDP point in 2013.

In total, the average domestic fiscal multiplier associated with the austerity policy being implemented in France in 2013 will be 0.9, and this policy will reduce GDP by 1.7%. This result is in the lower range of the latest work of the IMF; using recent data on 28 countries, it has estimated the actual multipliers at between 0.9 and 1.7 since the beginning of the

Great Recession.

Main measures affecting the structural public deficit in 2013

	Measures (in bn)	*Fiscal multiplier estimated in the short term*	Impact on GDP (%)
Households	**15.7**	***0.8***	**-0.6**
Income tax	**6.4**	***0.7***	**-0.2**
PLF 2013 (taxation of capital income at IR tax rate, new brackets, etc.)*	3.2	*0.6*	-0.1
LFR II 2012 (reversal of tax exemption of overtime)	0.5	*0.4*	0.0
LFR I 2012 (de-indexation of IR brackets, suppression tax breaks and Scellier scheme, etc.)	2.7	*0.8*	-0.1
ISF wealth tax	**-1.3**	***0.3***	**0.0**
PPLF 2013 (reform of ISF wealth tax)	1.0	*0.3*	0.0
LFR II 2012 (repercussions from one-off 2012 contribution)	-2.3	*0.3*	0.0
Inheritance tax	**1.1**	***0.3***	**0.0**
LFR II 2012 (reversal of breaks on inheritance tax)	1.1	*0.3*	0.0
Social contributions and payroll tax	**8.7**	***0,9***	**-0.4**
Social security PLF 2013 (reform of self-employed payroll tax, higher tax on beer and tobacco, etc.)	2.9	*1.0*	-0.1
LFR II 2012 (reversal of overtime exemption, limitation of tax breaks and employee savings, higher CSG wealth tax, capital income, etc.)	5.3	*0.8*	-0.2
Pension reform (higher contributions)	0.5	*1.0*	0.0
Other	**0.8**	***0.6***	**0.0**
PLF 2013 (higher tax on vacant housing, tougher "automobile malus", etc.)	0.9	*0.6*	0.0
LFR II 2012 (lower VAT on books)	-0.1	*1.0*	0.0
Business**	**12.2**	***0.8***	**-0.5**
Corporate income tax	**8**	***0.7***	**-0.3**
PLF 2013 (limits on financial expenses deductibility, reform of the "cinquième acompte", etc.)	8	*0.7*	-0.3
Payroll tax and social contributions	**2.3**	***1.0***	**-0.1**
Social security PLF 2013 (higher CNRACL contribution rate, reform on wage tax, etc.)	1.8	*1.0*	-0.1
Pension reform	0.5	*1.0*	0.0
Other	**1.9**	***0.5***	**-0.1**
PLF 2013 (sectoral measures on taxation of business insurance) (sectoral measures on taxation of business insurance)	1.3	*0.8*	-0.1
LFR II 2012 (one-off contribution of oil industry, taxation of financial transactions, etc.)	0.6	*0.2*	0.0
Total Business and Household Taxes and Contributions	**27.9**	***0,8***	**-1,1**
Structural saving on primary public expenditure	**8.0**	***1.3***	**-0.5**
Total fiscal impulse	**35.9**	***0.9***	**-1.7**

* This amount incorporates the downward revision of the yield initially foreseen in the PLF 2013 of the measure taxing capital gains at the personal income tax rate, which is to be offset by the extension of the exceptional 5% corporate income tax contribution for large corporations.

** This breakdown does not measure the final fiscal impact that is to be borne by households if the increase in business taxes is passed on in prices.

Sources : PLF 2013, Social security PLF 2013, LFR I and II 2012, OFCE calculations.

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[1] For more on this, see Creel, Heyer, Plane, 2011, "Petit précis de politique budgétaire par tous les temps", *Revue de*

l'OFCE, no. 116, January 2011.

France: will the war of the 3% take place?

By Eric Heyer

This text summarizes the OFCE's October 2012 forecasts for the French economy.

The French economy is expected to see average annual growth of 0.1% in 2012 and 0.0% in 2013. This performance is particularly poor and far from the path that an economy recovering from a crisis would normally experience.

Four years after the onset of the crisis, the French economy has real potential for a rebound: this should lead to spontaneous average growth of about 3.0% per year in 2012 and 2013, making up some of the output gap built up since the start of the crisis. But this spontaneous recovery is being hampered, mainly by the establishment of budgetary savings plans in France and throughout Europe. The fiscal consolidation strategy imposed by the European Commission is likely to slice nearly 6 percentage points off GDP in France during 2012 and 2013.

Table 1. The brakes on growth in France

En points of GDP

Rythm	... quaterly		... annually	
	2012	2013	2012	2013
Spontaneous recovery	0,8	0,8	2,1	3,1
Budget impact	*-0,4*	*-0,4*	*-1,6*	*-1,7*
Oil shock	*-0,05*	*0,0*	*-0,2*	*0,0*
External environment	*-0,4*	*-0,3*	*-1,4*	*-1,2*
Achievement			*-1,0*	*-0,2*
Growth forecasts	-0,04	0,04	0,1	0,0

Sources : INSEE, OFCE calculations.

By setting a pace that is far from its potential, the expected growth will increase the output gap accumulated since 2008 and will lead to a further deterioration on the labour market. The unemployment rate will rise steadily and hit 11% by late 2013.

Moreover, the reduction of the budget deficit expected by the Government due to the implementation of its consolidation strategy – the target for the general government deficit is 3% of GDP in 2013 – will be partially undermined by the shortfall in tax revenue due to weak growth. The general government deficit will come to 3.5% in 2013.

Under these conditions, should the government do whatever it can to fulfil its commitment to a 3% deficit in 2013?

In a context of financial uncertainty, being the only State not to keep its promise of fiscal consolidation is a risk, *i.e.* of being punished immediately by an increase in the financial terms on the repayment of its debt. This risk is real, but limited. The current situation is that of a "liquidity trap" and abundant savings. The result is a "flight to quality" phenomenon on the part of investors seeking safe investments. But among these are both German and French government bonds. Under these conditions, reducing the government deficit by 1 GDP point instead of 1.5 point would have very little impact on French bond rates.

However, maintaining a target of a 3% deficit in 2013 could

have a dramatic impact on economic activity and employment in France. We simulated a scenario in which the French government maintains its budgetary commitment regardless of the costs and the economic situation. If this were to occur, it would require the adoption of a new programme of budget cuts in the coming months in the amount of 22 billion euros.

This strategy would cut economic activity in the country by 1.2% in 2013. It would lead to a further increase in the unemployment rate, which would reach 11.7% at year end, nearly 12%. As for employment, this obstinacy would intensify job losses, costing nearly 200,000 jobs in total.

A darker scenario is also possible: according to our forecasts, and taking into account the draft budget bills known and approved, no major European country would meet its deficit reduction commitments in 2013. By underestimating the difficulty of reaching inaccessible targets, there is a high risk of seeing the euro zone countries locked into a spiral where the nervousness of the financial markets would become the engine driving ever greater austerity. To illustrate this risk, we simulated a scenario in which the major euro zone countries (Germany, France, Italy and Spain) implement new austerity measures to meet their deficit targets in 2013. Adopting such a strategy would result in a strong negative shock to economic activity in these countries. For the French economy, it would lead to additional austerity that either at the national level or coming from its euro zone partner countries would cause a severe recession in 2013. French GDP would fall by more than 4.0%, resulting in a further increase in the unemployment rate, which would approach 14%.

Table 2. Illustrative scenarios of risks to French growth

In %

	2011	2012*	2013*
Central scenario			
GDP	1,4	0,1	0,0
Gov't deficit *(in GDP points)*	-7,1	-4,4	-3,5
Unemployment rate	9,4	10,2	11,0
Market employment	104	-95	-166
Scenario where France alone meets its budget commitments			
GDP			-1,2
Gov't deficit (in GDP points)			-3,0
Unemployment rate			11,7
Market employment *(in 1000s)*			
Change			-361
Deviation from central scenario			-195
Scénario where euro zone countries meet their budget commitments			
GDP			-4,6
Gov't deficit *(in GDP points)*			-3,0
Unemployment rate			18,8
Market employment *(in 1000s)*			
Change			-910
Déviation from central scenario			-744

* OFCE forecast October 2012

Sources : INSEE ; OFCE calculations *e-mod.fr*.

France-Germany: The big demographic gap

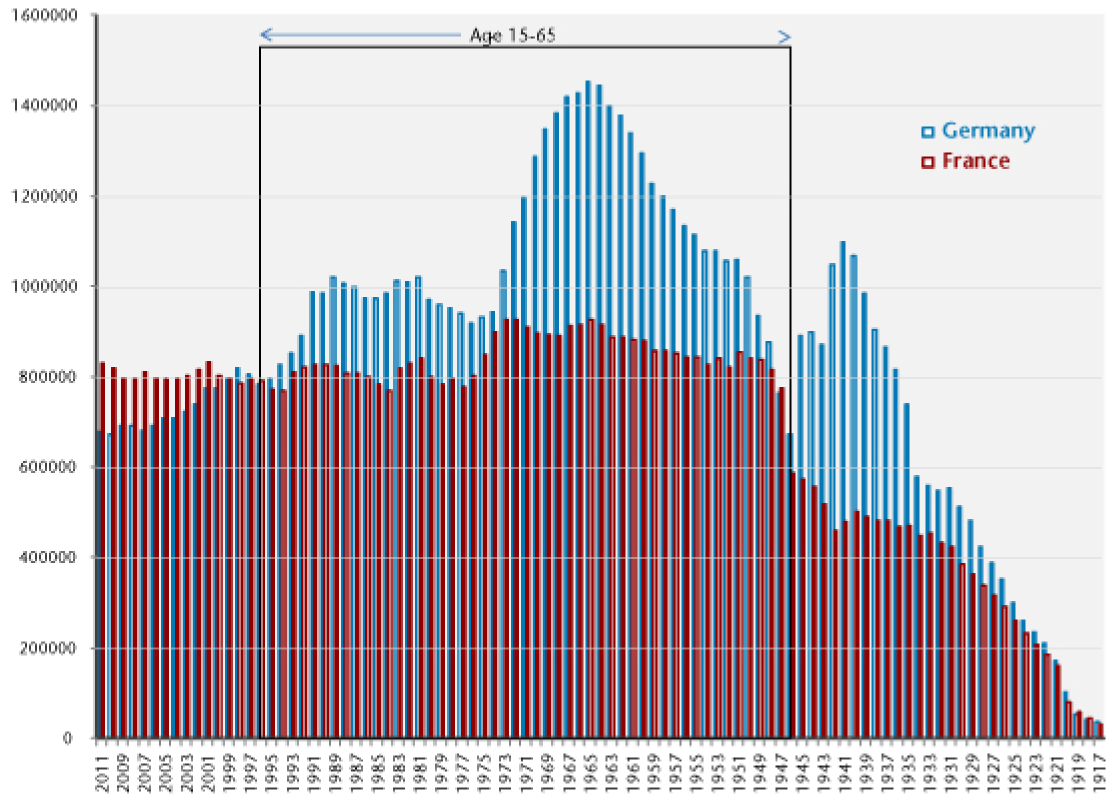
By Gérard Cornilleau

The divergence in the demographic trajectories of Germany and France will have a major impact on social spending, labour markets, productive capacity and the sustainability of public debt in the two countries. The implications are crucial in particular for understanding Germany's concern about its debt.

These demographic differences will require the implementation of heterogeneous policies in the two countries, meaning that the days of a “one-size-fits-all” approach are over.

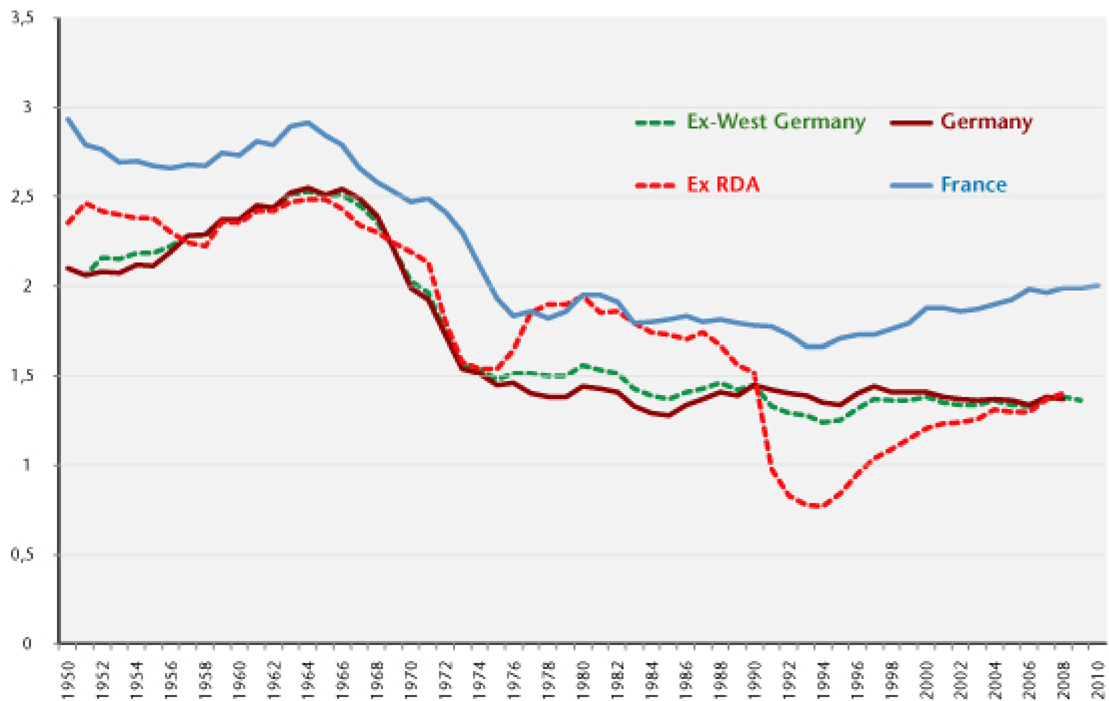
The demographic trajectories of France and Germany are the product of Europe’s history, and in particular its wars. The superposition of the age pyramids (Figure 1) is instructive in this regard: in Germany the most numerous generations are those born during the Nazi period, up to 1946; then come the cohorts born in the mid-1960s (the children of the generations born under the Nazis). In contrast, in France the 1930s generation is not very numerous. As a consequence, the baby-boomer generation which, as can be easily understood, kicked off earlier than in Germany (starting in 1945, at a time of a baby crash in Germany that ended only in the early 1950s, with the German baby boom peaking somewhat late, in the 1960s), was limited in scale, as people of childbearing age were not numerous. On the other hand, the birth rate in France slowed much less in the wake of the 1970s crisis, and most of all it has risen again since the early 1990s. This has resulted in the fertility rate remaining close to 2 children per woman of childbearing age, so that the size of the generations from 1947 to the present has remained virtually constant. German reunification led to a collapse in the birth rate in former East Germany, which converged with the rate in ex-West Germany in the mid-2000s (Figure 2). Overall, French fertility has generally been higher than German fertility in the post-war period, with the gap widening since the early 2000s. As a result, the number of births in France is now substantially higher than the number in Germany: in 2011, 828,000 compared with 678,000, *i.e.* 22% more births in France.

Figure 1. Age pyramids in 2011



Source: Eurostat.

Figure 2. Instantaneous fertility indicators in France and in Germany



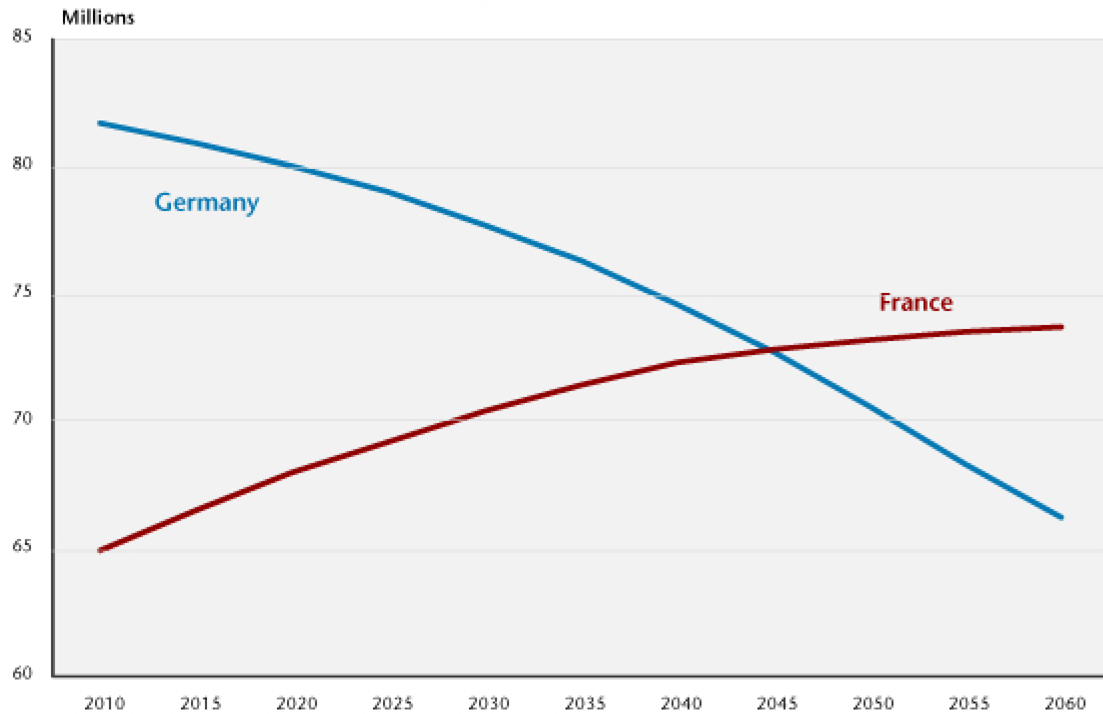
Source: INED.

From a demographic standpoint, France and Germany are thus in radically different situations. While France has maintained a satisfactory fertility rate, almost sufficient to ensure the long-term stability of the population, Germany's low birth rate will lead to a substantial and rapid decline in the total population and to much more pronounced ageing than in France (Figures 3 and 4).

According to the population projections adopted by the European Commission [1], Germany should lose more than 15 million inhabitants by 2060, while France gains just under 9 million. By 2045, the populations of the two countries should be the same (a little under 73 million), while in 2060 France will have approximately 7 million more people than Germany (73 million against 66 million).

Migration is contributing to population growth in both countries, but only moderately. Net migration has been lower in Germany during the most recent period, with a rate of 1.87‰ between 2000 and 2005 and 1.34‰ between 2005 and 2010 against, respectively, 2.55‰ and 1.62‰ in France [2]. The net migration rates adopted by the European Commission for France and Germany are similar, with a contribution to population increase by 2060 on the order of 6% in each country [3]. The UN [4] uses a similar hypothesis, with the contribution of migration growing steadily weaker in all countries. This reflects a general slowdown in overall international migration due to rising incomes in the originating countries. In this situation, Germany does not seem to have a large pool of external labour available, as it has limited historical links with the main regions of emigration.

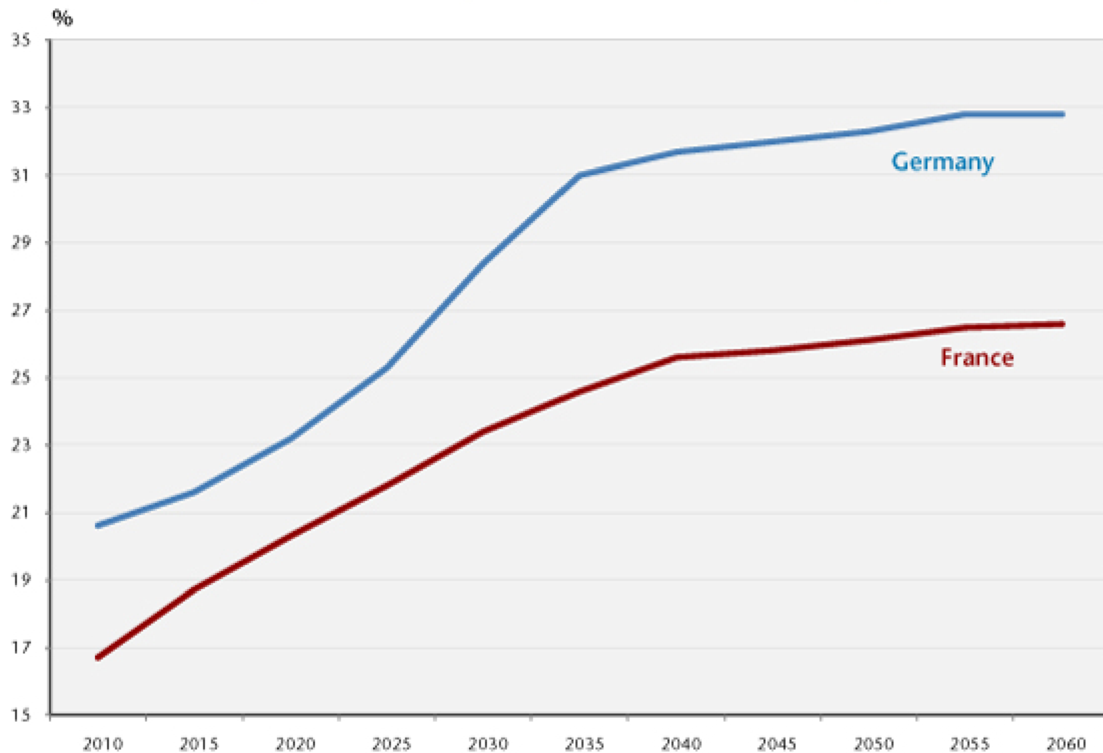
Figure 3. Total populations in France and in Germany



Source: European Commission, "The 2012 Ageing Report".

This inversion in demographic weight thus seems inevitable, and it will be accompanied by a divergence in the average age of the population, with considerably more graying of the population in Germany than in France (Figure 4). By 2060, the share in the total population of those aged 65 or older will reach almost one-third in Germany, against a little less than 27% in France.

Figure 4. Share aged 65 and over in the total population



Source: European Commission, "The 2012 Ageing Report".

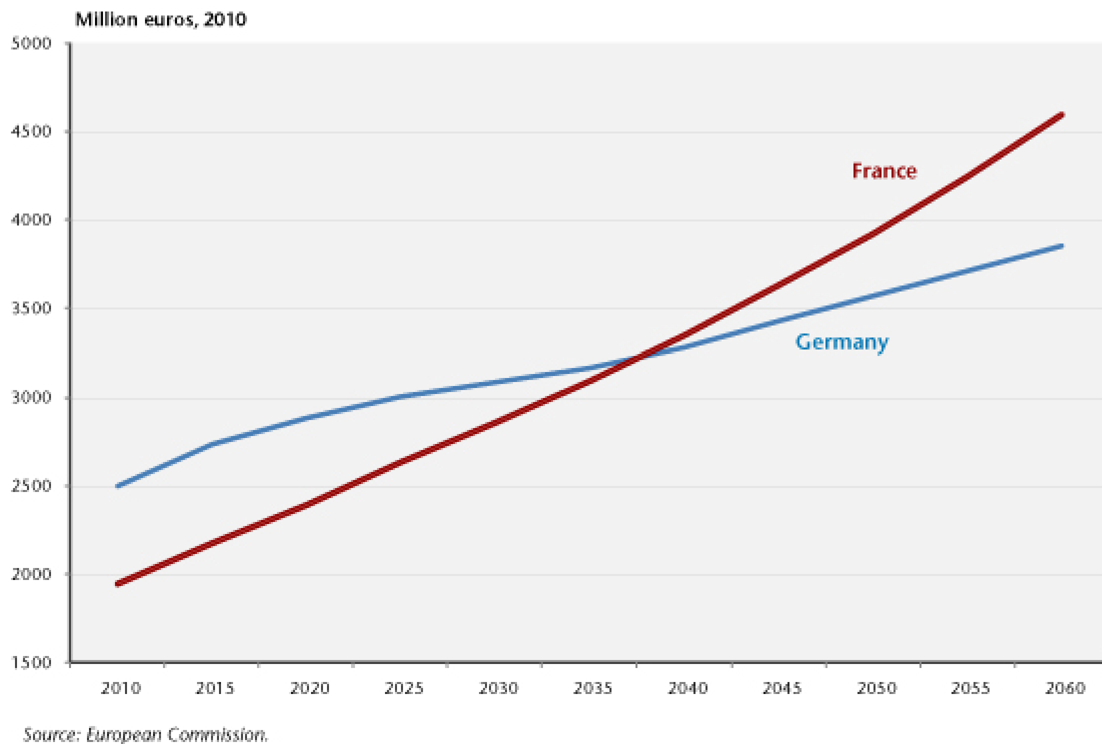
As a consequence, and in light of the reforms implemented in the two countries, the share of GDP that goes to public spending on pensions would increase a little in France and a lot in Germany. According to the Report of the European Commission (*op. cit.*), between 2010 and 2060 this share would rise in France from 14.6% to 15.1% of GDP, up 0.5 GDP point, but by 2.6 points in Germany, from 10.8% to 13.4%. This is despite the fact that the German reform of the pension system provides for postponing the retirement age to 67, while the French reform postpones it only to 62.

Demography also has an impact on the labour market, which will be subject to changing constraints. Between 2000 and 2011, the French and German workforces increased by the same order of magnitude – +7.1% in Germany and +10.2% in France – but while in Germany two-thirds of this increase resulted from higher labour force participation rates, in France 85% of the increase was due to demography. In the near future, Germany will come up against the difficulties of further increasing its rate. Germany's family policy now includes provisions,

such as parental leave, which aim to encourage female employment through a better reconciliation of work and family life, but female participation rates are already high, so that the problem now is more that of increasing the fertility rate than the labour supply. France, which is starting from a lower participation rate, especially because older workers leave the labour market much earlier than in Germany, has greater reserves to draw on. In recent years, the disappearance of early retirement and the increase in the working years required to receive a full pension have begun to have an impact, with the employment rate of older workers rising significantly, even during the crisis [5]. The employment of older workers has also increased in Germany, but it is not possible to continue to make significant increases in this area indefinitely. The most likely result is a long-term convergence in employment rates between France and Germany. Ultimately, then, according to the projections of the European Commission [6], the German participation rate is likely to increase by 1.7 points between 2010 and 2020 (from 76.7% to 78.4%), while the French rate increases by 2.7 points (from 70.4% to 73.1%). By the year 2060, the French participation rate will increase more than twice as much as the German rate (4.2 points against 2.2). But France's rate would still be lower than Germany's (74.7% against 78.9%), meaning that France would still have reserves to draw on.

This divergence in demographics between the two countries has major consequences in terms of long-term average potential growth. Again according to the projections of the European Commission (which are based on the assumption of a convergence in labour productivity in Europe around an annual growth rate of 1.5%), in the long term potential growth in France will be double the level in Germany: 1.7% per year by 2060, against 0.8%. The difference will remain small until 2015 (1.4% in France and 1.1% in Germany), but will then grow quickly: 1.9% in France in 2020, against 1% in Germany.

Just as for the population figures, this will result in a reversal of the ranking of French and German GDPs by about 2040 (Figure 5).



The demographic situations of France and Germany thus logically explain why there is more concern in Germany than in France for the outlook on age-related social spending. This should lead to a more nuanced analysis of the countries' public debts: given the same ratios of debt to GDP in 2012, over the long term France's public debt is more sustainable than Germany's.

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[1] Cf. "The 2012 ageing report", *European Economy* 2/1012.

[2] Cf. United Nations, Department of Economic and Social Affairs, Population Division (2011). *World Population Prospects: The 2010 Revision*, CD-ROM Edition.

[3] Net migration is projected to be slightly higher in Germany than in France, at a level of 130,000 per year in 2025-2030, but under 100,000 in France. But the overall

difference is very small: in 2060, cumulative net migration between 2010 and 2060 would increase the population by 6.2% in Germany and by 6% in France (as a percentage of the population in 2010).

[4] *Op. cit.*

[5] See the summary of changes in the labour force in 2011 by the Insee: http://www.insee.fr/fr/ffc/ipweb/ip1415/ip1415.pdf.

[6] *Op. cit*.

Social action, but no end of the crisis

Evaluation of the five-year economic programme (2012-2017)

By Eric Heyer, Mathieu Plane, Xavier Timbeau

The initial decisions of the five-year programme are coming amidst an extremely difficult and very uncertain economic situation. In a recent *OFCE Note* (No. 23 of 26 July 2012), we first analyze the macroeconomic context for François Hollande's five-year programme and the XIVth legislature. This analysis details the likely consequences for the next five years of the strategy currently being implemented in Europe. We evaluate both the cost to the public finances as well as the impact on economic activity, employment and the distribution of income. In part two, we analyze the public

policy choices being given priority by the new government, including both those aimed at the young (generation contracts, jobs of the future), at some seniors (revision of the pension reform), and at the middle and lower classes (allowance for the start of school, boost to the minimum wage, Livret A bank accounts, rent control, revised taxation of overtime), as well as those intended to revive certain public expenditures that are deemed essential (public jobs in education, the justice system and the police in the “public finance” section, and public early childhood services).

François Hollande was elected President of the French Republic at a time when France and Europe are going through an unprecedented crisis. Unemployment in metropolitan France has increased by over 2 percentage points since the crisis began and is now (in ILO terms, 9.6% of the workforce in first quarter 2012) approaching the record levels of 1997 (10.5%). Gross domestic product per capita in terms of purchasing power has fallen since 2008 by 3%. If the growth trend for the five years preceding the crisis had continued at that same rate from 2008 until early 2012, GDP per capita would now be 8% higher than it is. The current account has deteriorated during the crisis by 1.5 GDP points (25.7 billion euros, 10 billion of which is for the oil bill), thus worsening France’s net balance of trade by 7.8 GDP points. The public debt increased by 577 billion (nearly 30 GDP points), and at the beginning of 2012 represented almost 90% of GDP. Industry has paid a heavy price for the crisis (almost 300,000 jobs lost), with all signs indicating that the job losses and closures of industrial sites might be irreversible.

Yet this dire situation, which can be chalked up to the crisis that began in 2008, is not over. Due to the impact of austerity policies implemented at a time of panic at seeing financing of the public debt dry up, the sovereign debt crisis is threatening the euro zone with a prolonged recession in 2012 and 2013. And the even worse scenario looming on the

horizon – the disintegration of the euro zone – would transform the threats of recession into the risk of a major depression.

Assessments of the situation differ depending on the elements available. Some measures have been implemented by decree, while others are being discussed by the legislature, but the proposed bills do permit a quantitative analysis. Others are in the planning stage, with the main trade-offs still to be made, so our assessment tries to explore the main points.

Our assessment of the economic strategy for the five-year programme does not stop there. The outlines of the premises for a strategy to end the crisis can now be seen. The deficit reduction commitments and the initial steps taken in this direction in the budget packages in July 2012, such as those announced during the budget orientation debate of June 2012, point to a strategy whose first step is the achievement of a reduction in the public deficit to 3% of GDP by the end of 2013, regardless of the cost. Based on this fiscal virtue, this amounts to a strategy to end the crisis by stabilizing the state of the public accounts, thereby reassuring the financial markets and other economic agents and establishing the conditions for a strong future recovery. This strategy is based on cutting public expenditures and raising taxes (see the “public finance” section, government tax proposals and the taxation of the oil companies).

This strategy for ending the crisis is risky, to say the least, because it does not take full account of the crisis facing Europe today. It might be justified if we were already on course to end the crisis and if the point were simply to set priorities. But Europe remains in a situation of extreme uncertainty, living in the expectation of a massive failure of one or another Member State in the euro zone, fearing the collapse of this or that financial institution, and suffering the consequences of a spiral of austerity that is being fueled by rising sovereign interest rates. In this situation,

everything is coming together to strengthen the existence of a liquidity trap and to generate high fiscal multipliers. Given this, *ex ante* reductions in the deficit through tax hikes and spending cuts is weighing heavily on activity, and thus limiting or even cancelling out any actual deficit reductions. The factors pushing up the public debt are not being reversed, and the reduction in activity is heightening the risk that the unsustainable private debt will be socialized. The increase in sovereign interest rates is being fueled by an inability to meet deficit reduction targets and by rising public debt, and is thus pushing public deficits higher, forcing even more austerity.

One response to this dynamic that is bringing about the collapse of the euro would be one form or another of pooling public debts in Europe. This would require relatively complete control of the budgets of member countries by a federal body with strong democratic legitimacy. A response like this would therefore mean “more Europe”, and would make it possible to define “more moderate” austerity policies for France as well as its major trading partners. It would make putting an end to involuntary mass unemployment and the liquidity trap prerequisites to an improvement in the public finances. It would also make it possible to ensure the sustainability of public finances without leading to the lost decades that are now gestating.

In the first part of the Note, we analyze the macroeconomic context for François Hollande’s five-year programme and the XIVth legislature. This analysis details the likely consequences for the next five years of the strategy currently being implemented in Europe. The value of the fiscal multiplier is a critical parameter, and we show that the current strategy is valid only if the multipliers are low (*i.e.* on the order of 0.5). However, a slew of empirical evidence indicates that, in the exceptional situation we are experiencing today, the budget and fiscal multipliers may be

larger than 0.5 (between 1 and 1.5, see the Note). We detail in a second part the measures taken in the Supplementary Budget Act of July 2012 (for 2012) and the elements outlined in the budget orientation debate in preparation for the Budget Act for 2013 and for the period 2012-2017. To succeed in reducing the public deficit to 3%, it seems that there must be over 10 billion euros in additional tax revenue or in savings on expenditure, *ex ante*.

We then present an evaluation of eleven measures. Guillaume Allègre, Marion Cochard and Mathieu Plane have estimated that the implementation of the *contrat de génération* ["generation contract"] could create between 50,000 and 100,000 jobs, at the cost of a strong deadweight effect. Eric Heyer and Mathieu Plane point out that in the short term, subsidized *emplois avenir* ["jobs for the future"]-type contracts can help to reduce unemployment. Eric Heyer shows that the revision of taxation on overtime will help to cut the public deficit by 4 billion euros, without hurting the labour market. Guillaume Allègre discusses the consequences of increasing the *Allocation de rentrée scolaire* [allowance for the start of school] and shows that it mainly benefits the lowest five deciles in terms of standard of living. Henri Sterdyniak analyzes the possibilities for fiscal reform. The point is not to evaluate the government's proposals for fiscal reform, but to provide a comprehensive overview of the current system's margin for change and its inconsistencies. Henri Sterdyniak and Gérard Cornilleau evaluate the increased opportunities for retiring at age 60 and analyze the possible paths to a more large-scale reform of the pension system. Hélène Périvier evaluates the possibilities for an early childhood public service, the eventual cost of which could be covered in part by an increase in activity that would generate more than 4 billion euros. Eric Heyer and Mathieu Plane analyze the impact of a boost in the minimum wage (SMIC) and conclude that, given the small spillover of increases in the SMIC onto the rest of the wage structure, the impact on the cost of labour is

limited by the greater reduction in social charges on low wages. While the effect on employment is small, it would cost the public purse 240 million euros. Sabine Le Bayon, Pierre Madec and Christine Rifflart evaluate rent control. Hervé Péléraux discusses the compensation of Livret A bank accounts and the impact of doubling their ceiling. Céline Antonin and Evens Salies evaluate the new taxes on the oil companies, which could provide 550 million euros in tax revenue in 2012, at the risk that this tax might ultimately be passed on to the end consumer.