



“What lessons have we learned from the euro crisis?”

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Achievements and missing pieces

Five lessons from the euro crisis

1. Reduce vulnerabilities, implement reforms
2. Strengthen governance of euro area
3. Create a stronger European banking system
4. An active monetary policy
5. Establish a crisis mechanism

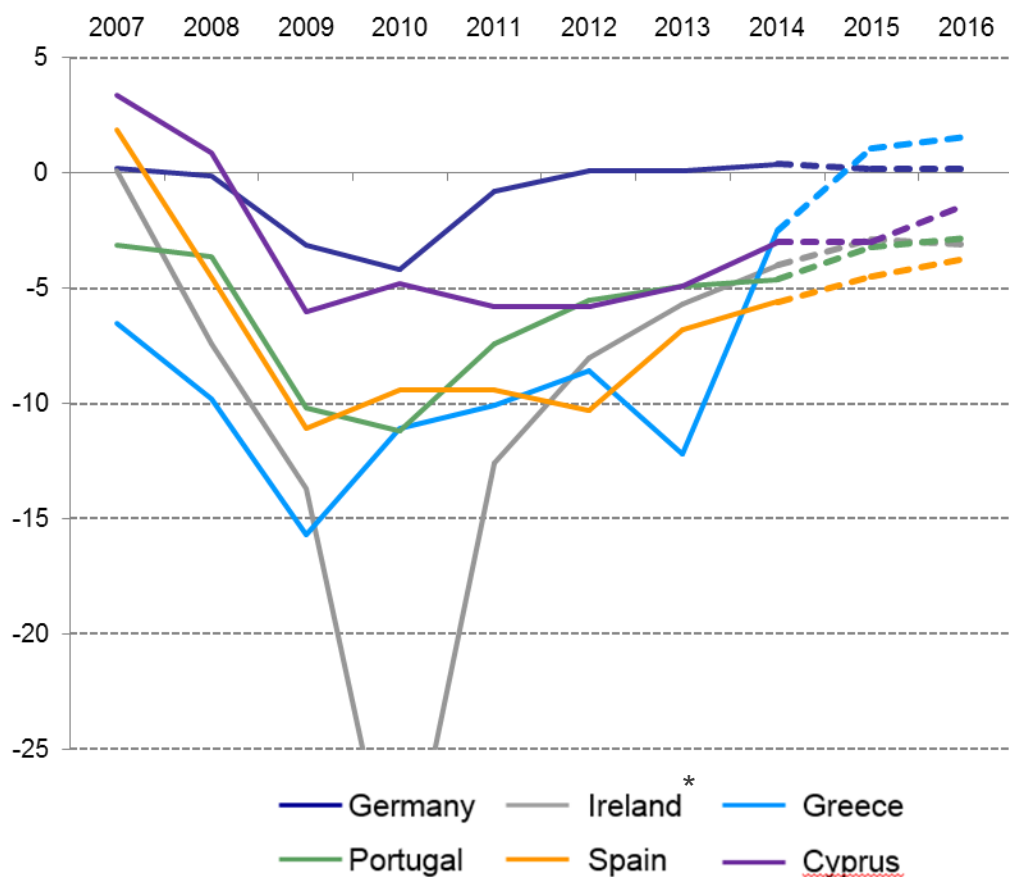
Further steps to strengthen the resilience of EMU

1. Improve governance further
2. More risk sharing
3. Complete Banking Union
4. Envisage treaty changes

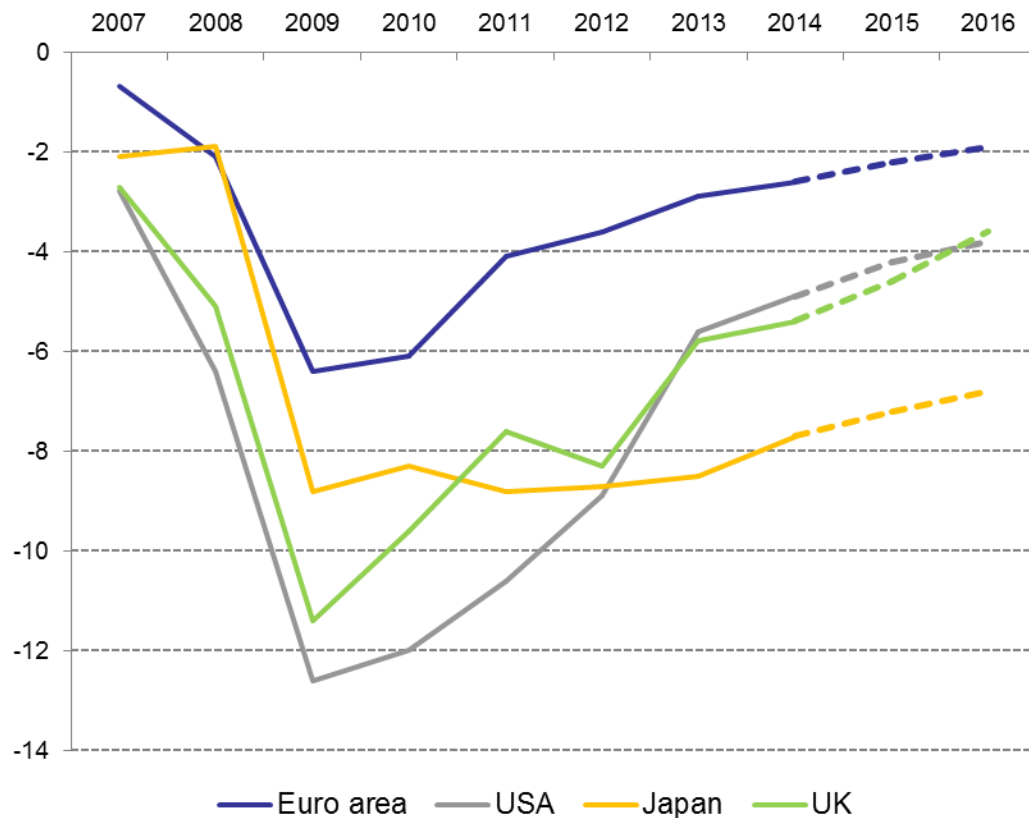
1. Reduce vulnerabilities, implement reforms

Deficit reduction policies are paying off

Fiscal balance in programme countries (% of GDP)



Selected comparative fiscal balances (% of GDP)



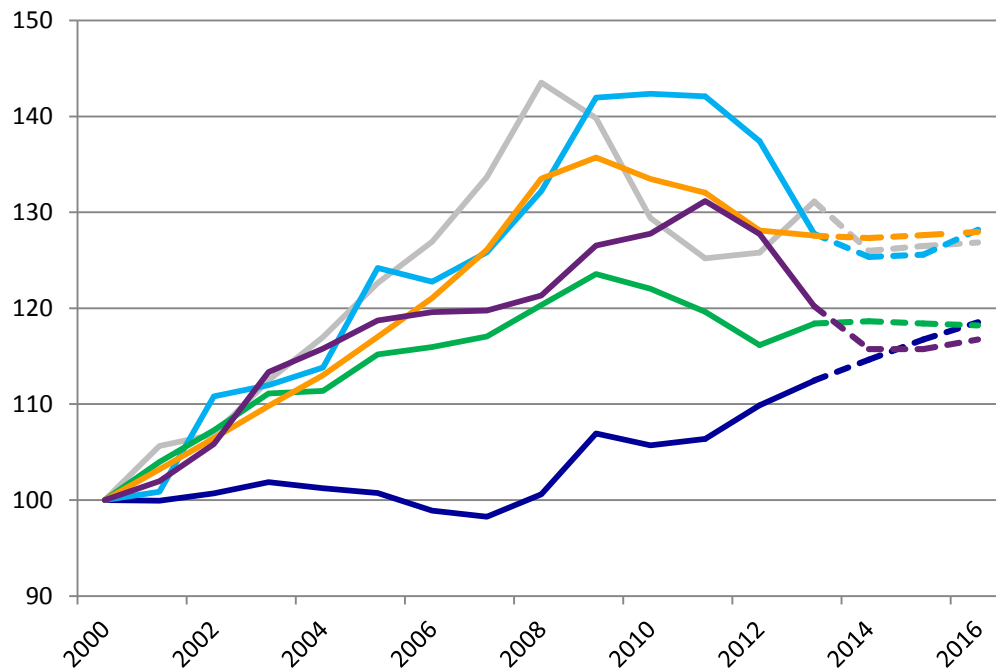
Source: European Commission, Economic Forecast – Winter 2015

* Actual figure for Ireland in 2010: -32.4%

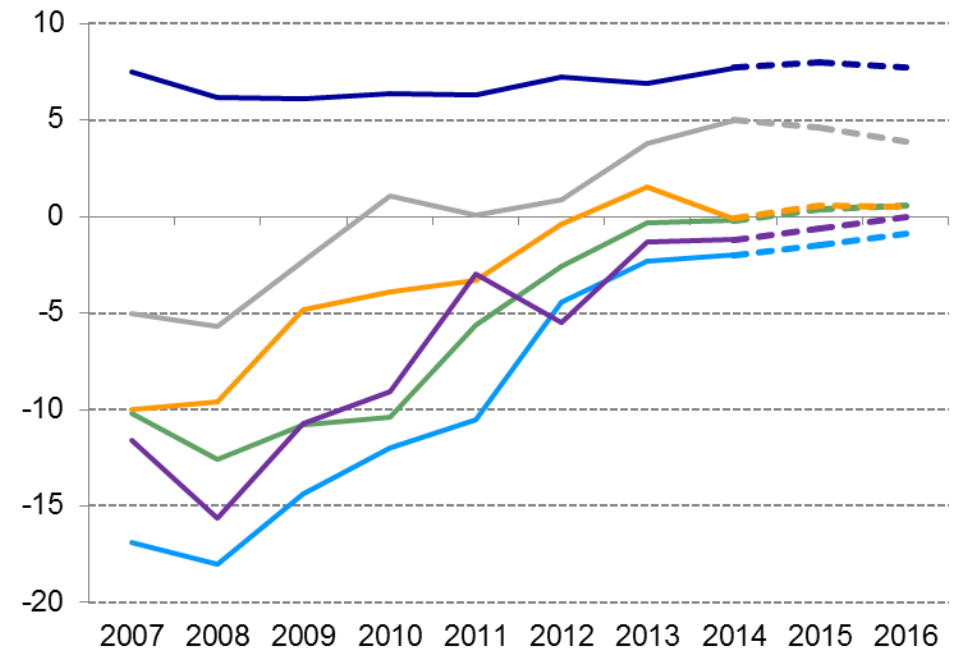
Internal devaluations are restoring competitiveness

- Thanks to the convergence in competitiveness, unsustainable external imbalances in the periphery have corrected

Nominal unit labour costs (2000=100)



Current account balance (% of GDP)



— Germany — Ireland — Greece
— Portugal — Spain — Cyprus

Source: EC European Economic Forecast – Winter 2015

EFSF/ESM programme countries are the reform champions

- **Greece, Ireland, Portugal and Spain** are in top 5 of 34 **OECD countries** with regard to implementation of **structural reforms**.

Ranking in OECD report

1. **Greece**
2. **Ireland**
3. Estonia
4. **Portugal**
5. **Spain**

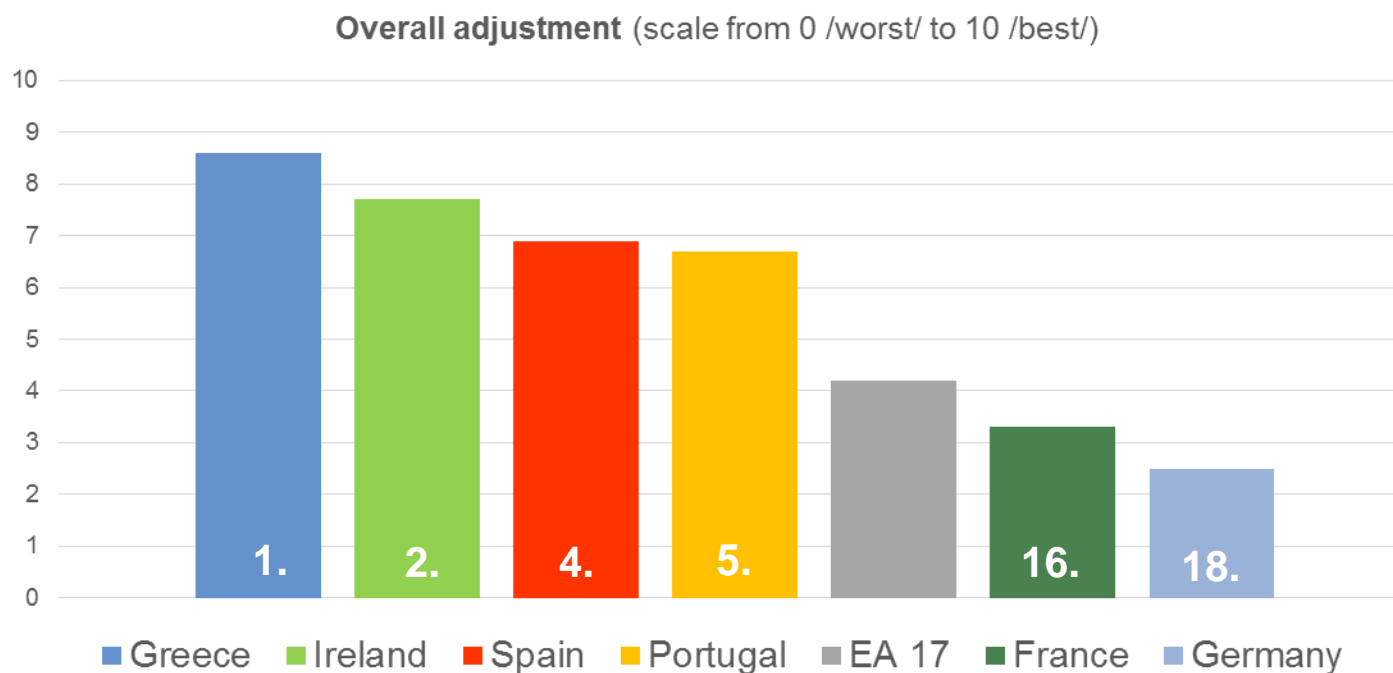
“Euro area countries under financial assistance programmes are among the OECD countries whose responsiveness [to the OECD’s structural reform recommendations] was highest and also where it most increased compared with previous period.”

- *Going for Growth* (OECD Report)

Source: OECD report *Going for Growth* for 2015
Ranking takes into account responsiveness to OECD recommendations on structural reforms in key policy areas

EFSF/ESM programme countries are the reform champions (2)

- **Lisbon Council: Greece, Ireland, Spain and Portugal** ranked highest in overall measure of 4 key medium-term adjustment criteria:
 - Rise in exports
 - Reduction of fiscal deficit
 - Changes in unit labour costs
 - Progress in structural reforms

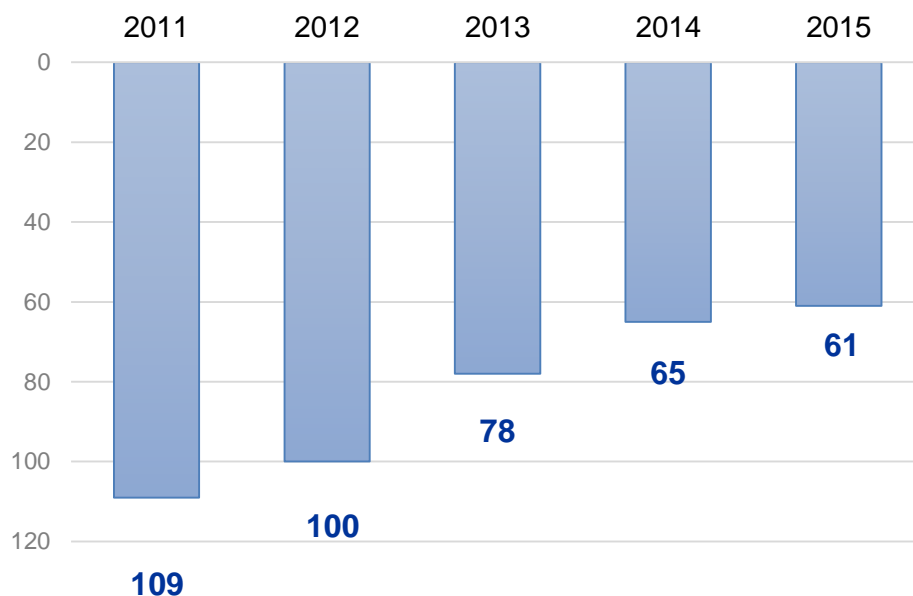


Source: "Adjustment Progress Indicator" in *2014 Euro Plus Monitor* published by the Lisbon Council

The ranking comprised 17 euro area countries + UK, Poland and Sweden

Greece has improved business regulations

- Greece has advanced from position **109** to **61** in the **World Bank's *Doing Business*** ranking
- The ranking measures the ease of starting and operating a local business



Greece's ranking in World Bank's *Doing Business* survey

Source: the World Bank

2. Strengthen governance of euro area

Improved economic policy coordination

- Euro governments adopted **more comprehensive and binding rules** for national economic policies
 - **Stability and Growth Pact** has stricter rules on deficit and debt
 - **Less room for political interference** by national governments
 - **Balanced budget and debt rules** now also in national legal systems
 - **European Semester**: yearly cycle of economic policy coordination
 - Annual **country-specific recommendations**
 - Stronger emphasis on **avoiding macroeconomic imbalances**
 - **Eurostat** authorised to verify national data

3. Create a stronger European banking system

A stronger banking system

- **Three new European supervisory authorities: EBA, EIOPA and ESMA**
- New **ESRB** monitors macro-prudential risks
- **Financial market reforms**
 - “Basel III” (CRDIV/CRR) is being progressively implemented
 - Huge capital increase for banks – Core Tier 1 capital ratios are now 9% or more
 - EU banks added €560 bn to their capital since 2008
- **Banking Union** started in November 2014
 - **Single Supervisory Mechanism (SSM)** operational since 4 November 2014
 - **Bank Recovery and Resolution Directive (BRRD)** will create a uniform framework for bank recovery at national level with **bail-in** as a key instrument
 - **Single Resolution Mechanism (SRM)** with **Single Resolution Fund (SRF)**
 - **ESM Direct Recapitalisation Instrument** available

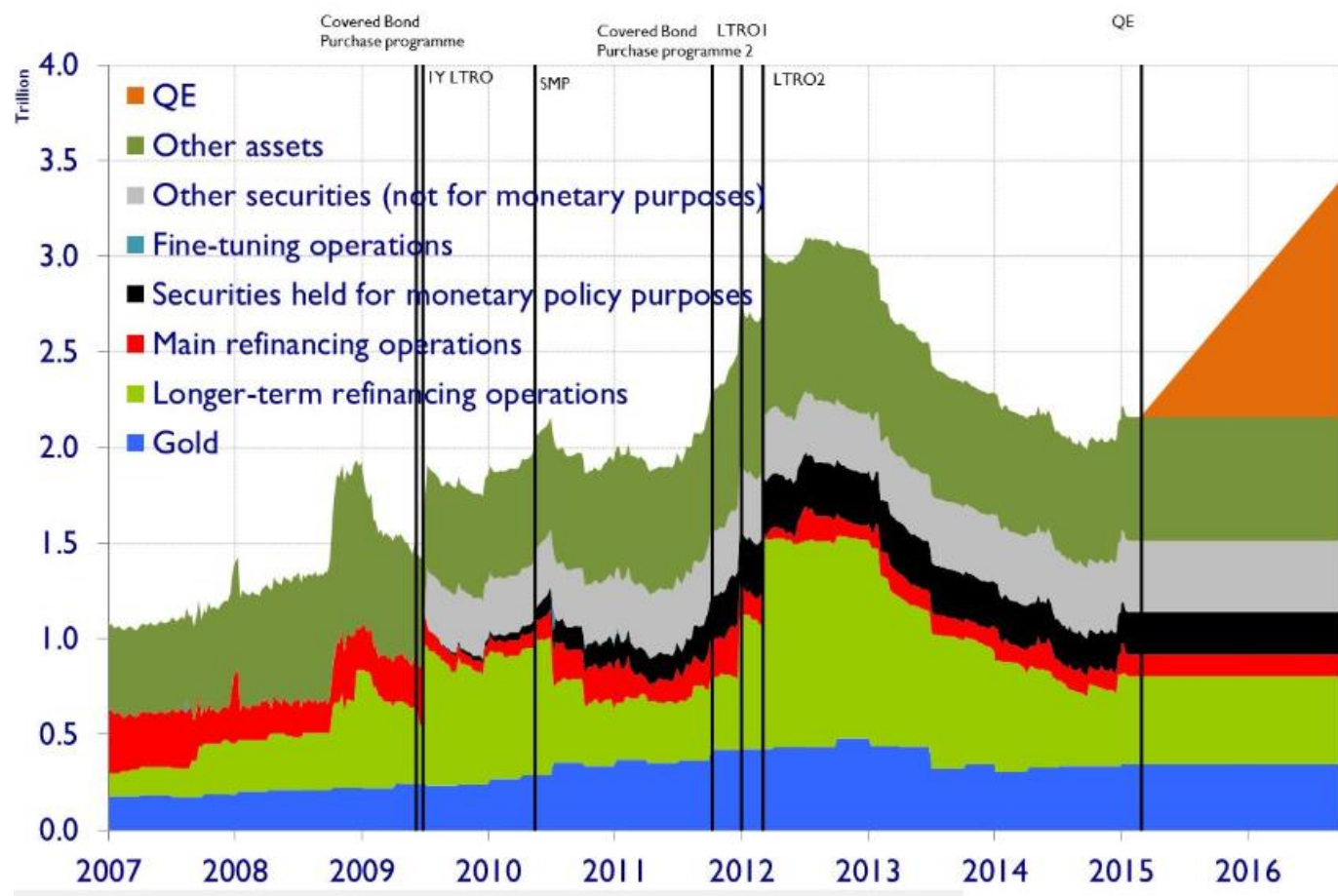
4. Monetary policy in crisis

Monetary policy in a crisis

- **SMP**: from 2010 to 2012, ECB purchased euro area sovereign bonds (over €200 billion) in secondary markets
- **LTRO** gave banks unlimited liquidity: in December 2011 and March 2012, around **€1 trillion** allotted in 3-year loans
- **OMT** announcement in September 2012 calmed the markets
- **New package** in June 2014
 - Targeted LTRO (at least €400 billion available lending capacity) designed to stimulate lending to small- and medium-sized companies
 - Negative deposit rate
- Programme for buying ABS and covered bonds announced in September 2014
- **Quantitative Easing** programme announced in January 2015
 - Asset purchases expanded to include euro area government bonds
 - Combined monthly purchases of €60 billion from March 2015 to September 2016

QE asset purchases by the ECB started in March 2015

The ECB's balance sheet is to reach €3.4 trillion in Sept. 2016



5. Establish a crisis mechanism

EFSF and ESM: mission and scope of activity

Mission : to safeguard financial stability in Europe by providing financial assistance to euro area Member States

Instruments

Loans

Primary Market Purchases

Secondary Market Purchases

Precautionary Programme

Bank recapitalisations through loans to governments

Direct bank recapitalisation

European Stability Mechanism
ESM only

All assistance is linked to appropriate conditionality

EFSF and ESM finance their activity by issuing bonds or other debt instruments

EFSF and ESM lending

- **Support for five countries (EFSF: Ireland, Portugal, Greece; ESM: Spain and Cyprus)**
 - Combined lending capacity: €700 bn
 - Committed amount to the five countries: €238.6 bn
 - Disbursed so far: €232.5 bn
 - EFSF/ESM disbursed three times as much in Europe as IMF in same period globally
 - Ireland, Spain and Portugal have exited their programmes
 - Macroeconomic adjustment programmes for Greece and Cyprus ongoing

Benefits of EFSF/ESM lending

1. All Member States have **remained in the euro area**
2. EFSF/ESM programmes promote **fiscal adjustment** and **structural reforms**
3. EFSF/ESM lending supports **return to debt sustainability**
4. The euro area has a **lender-of-last-resort** for sovereigns

Benefits of EFSF/ESM lending

Loans are euro area solidarity

Potential savings of EFSF/ESM financing vs theoretical market cost (for 2013)

	In € billion	As percentage of GDP	As percentage of total primary expenditures
Cyprus	0.24	1.5	3.4
Greece	8.58	4.7	8.6
Ireland	0.68	0.4	1.1
Spain	2.43	0.2	0.6
Portugal	1.27	0.8	1.7

Calculated using theoretical market spread of 5- and 7-year bond of each country matching the EFSF/ESM maturity profile on the 3 months before and after each country requested support. This is compared with the equivalent EFSF/ESM funding cost.

1. Improve governance further

Why euro area governance needs to be strengthened?

- Rules-based approach has become too complicated
- Even specialists find it difficult to understand EU fiscal and budgetary framework
- Therefore: transition from rules to joint-decision making and common institutions
- Incomplete EMU holds back investment, growth and employment

How can governance be strengthened?

- Additional steps in euro area integration likely
- **Proposals under discussion:**
 - a euro area finance minister
 - a “fiscal capacity” for the euro area
 - joint decision-making for structural reforms
 - more democratic accountability and legitimacy
- Implementation legally and politically difficult and time-consuming
- But **enhanced cooperation** within the EU Treaty or **intergovernmental agreements among** 19 euro area members would allow for more integration

2. More risk sharing

Risk sharing options

- **Already substantial risk sharing:** EFSF, ESM, EIB, SRF, elements of monetary policy, TARGET

Additional ideas that do not require changes to the EU Treaty:

- **“Rainy day fund”** – a buffer or buffers accumulated during good times
- **Common system of minimum unemployment benefits** or system to finance when unemployment rises above „normal“ levels
- **Targeted fiscal capacity** to reward structural reforms
- More risk-sharing **through financial markets**

These options can be implemented **without permanent transfers and debt mutualisation** among euro area Member States

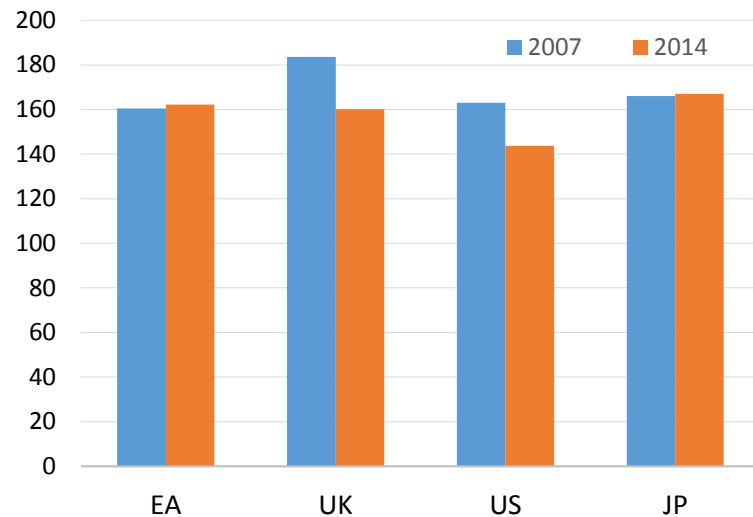
3. Complete Banking Union

Complete Banking Union

- Develop capital markets union
- Single Resolution Fund (SRF) will be gradually mutualised and built up to reach target level of €55 bn by 2024
- Backstop for SRF to be developed
- Harmonisation and consolidation of Deposit Guarantee Schemes
- Promote private sector deleveraging in Europe

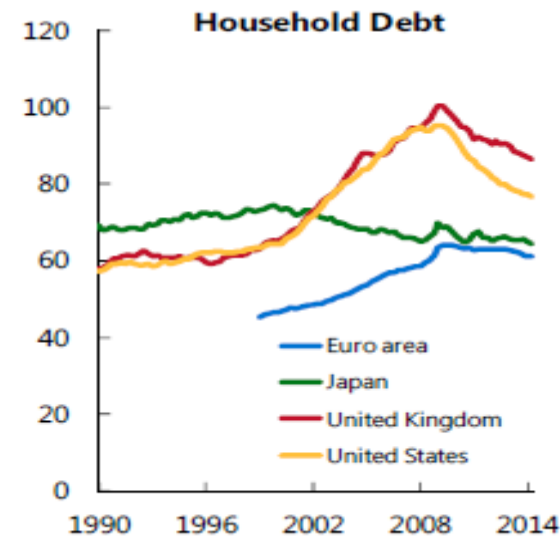
Private sector deleveraging

- Euro area needs to reduce private sector debt, in line with US and other advanced economies
- This applies mainly to corporate debt, as household debt is lower in euro area than in US



Total private sector debt (non-financial) as % of GDP in 2007 and 2014

Source: BIS, IMF



Household debt/GDP (%) in major advanced economies (gross figures)

Source: IMF Global Financial Stability Report 2015

4. Envisage treaty changes

Possibilities with EU treaty changes

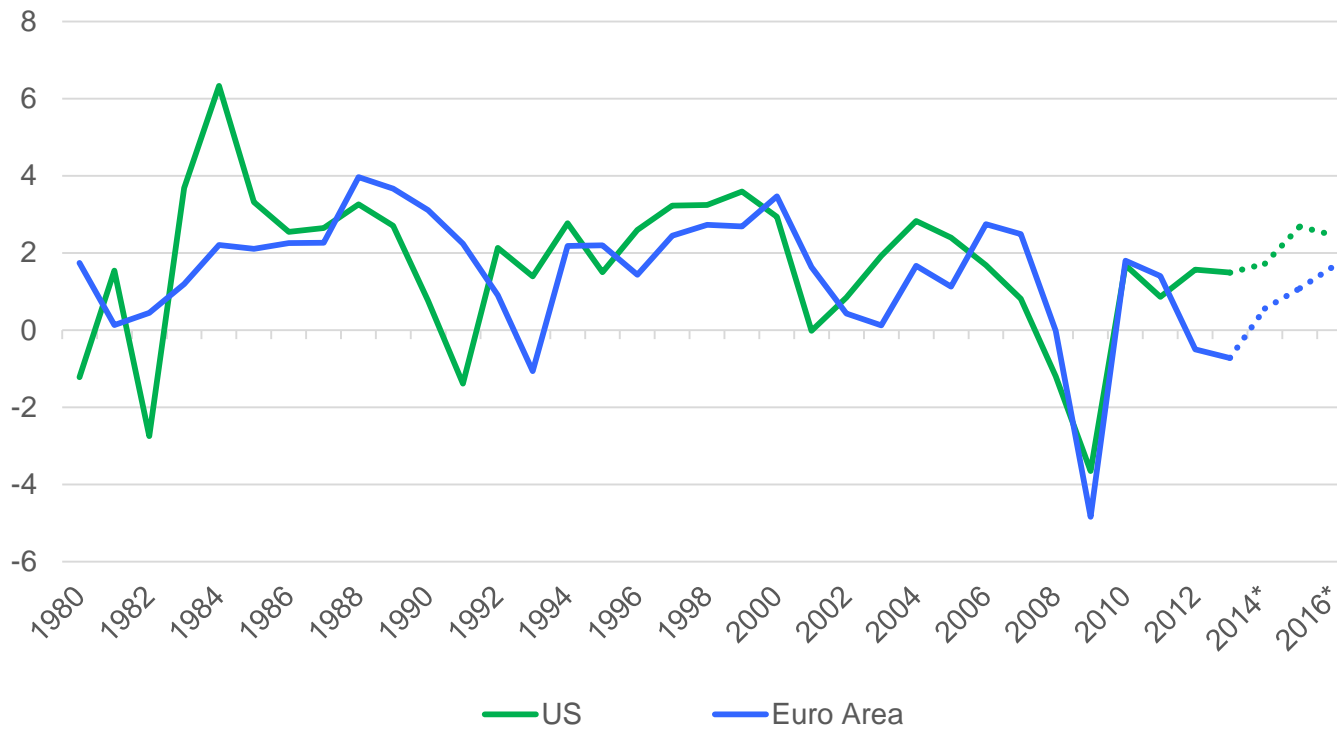
- **Options for EU treaty change**
 - Incorporate intergovernmental agreements into treaty
 - Give the Commission the central political role in Europe
 - Separate out tasks such as Competition decisions
 - Separate euro area bank supervision from the ECB

Annex

GDP per capita growth comparison

GDP/capita growth since 1980 has been very similar in US and EU

Real GDP Per Capita Growth Rates



Average GDP growth per capita, 1980-2010

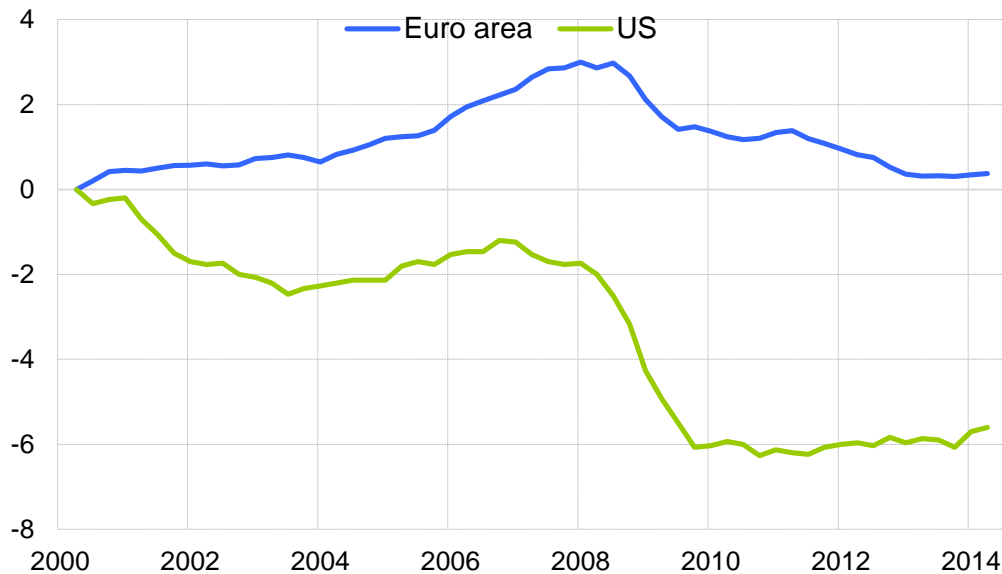
US	EA
1.68	1.60

Source: Ameco and ESM calculations

Labour markets

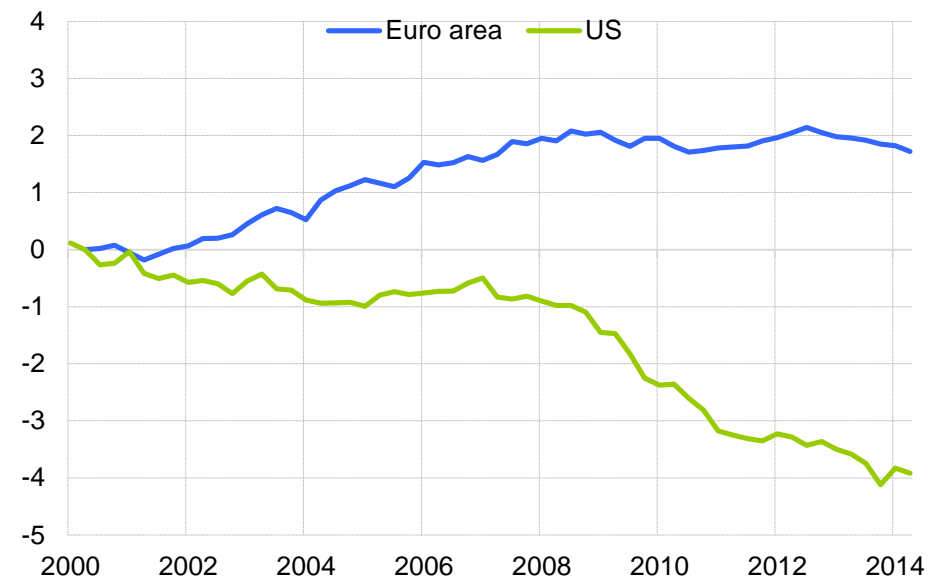
- Since 2000, employment rate has increased in euro area but fallen by around 6 p.p. in the US
- Participation rate in euro area stabilised after rise until 2009; in US continues to decline

Employment rate change since 2000 (%)



Age group: 15+ for euro area, 16+ for US
 Latest observations: Q2 2014
 Source: Eurostat and BLS

Participation rate change since 2000 (%)



Age group: 15+ for euro area, 16+ for US
 Latest observations: Q2 2014
 Source: Eurostat, BLS and ESM

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