# Nominal versus Real Convergance

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### **Nominal Convergence**

					rate (12 month		
	Inflation HICP Oct 13				average of 10 yr		
	(% yoy) max 2.5%			ERM II	bonds) max 3.9% (at		
	(most 1.5 pps higher	<b>Budget deficit</b>	Governmental	member (min 2	2 most 2 pps higher		
	than 3 best	to GDP (%)	<b>Debt</b> to GDP (%)	yrs as of q1	than 3 MS with		
	performers'avg)	2012 (<3%)	2012 (<60%)	2013)	lowest inflation)		
Bulgaria	-1.1	0.8	18.5	No	3.71		
Czech Rep	0.8	4.4	45.8	No	2.33		
Hungary	1.1	1.9	79.2	No	6.13		
				Yes			
Latvia	0	1.2	40.7	(01.01.2014)	3.29		
				Yes			
Lithuania	0.5	3.2	40.7	(01.01.2015)	3.90		
Poland	0.7	3.9	55.6	No	4.02		
Romania	1.2	2.9	37.8	No	5.75		

Source: Eurostat



#### Real convergence: Labour productivity and labour utilization

real convergence in terms of labour productivity:

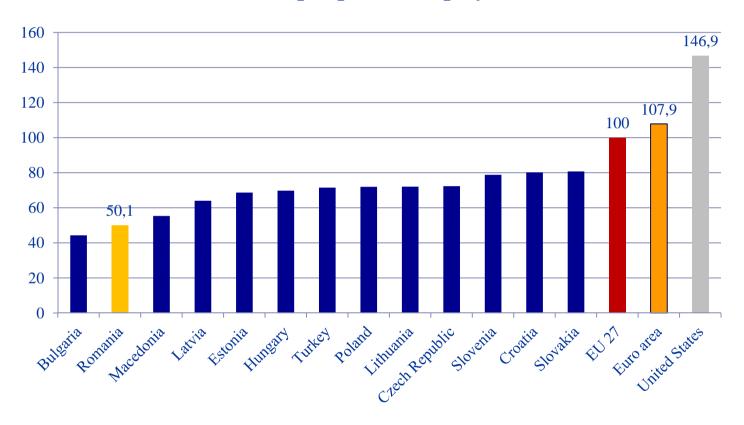
$$\frac{GDP}{Population} = \frac{GDP}{Employment} \times \frac{Employment}{Population}$$

- 1. Labour productivity: improved relative to the Euro Area, mainly due to the expanding shares of more productive sectors in total output and due to the decline in overall employment (increasing labour efficiency).
- 2. Labour utilisation: strong mismatches in the labor market. Increasing need of skilled labour



#### **Real convergence: Labour productivity**

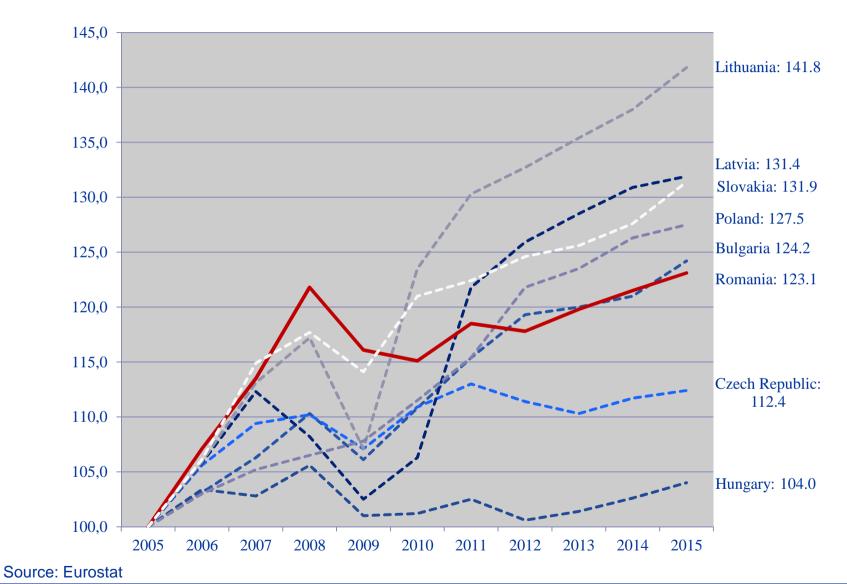
**GDP** per person employed





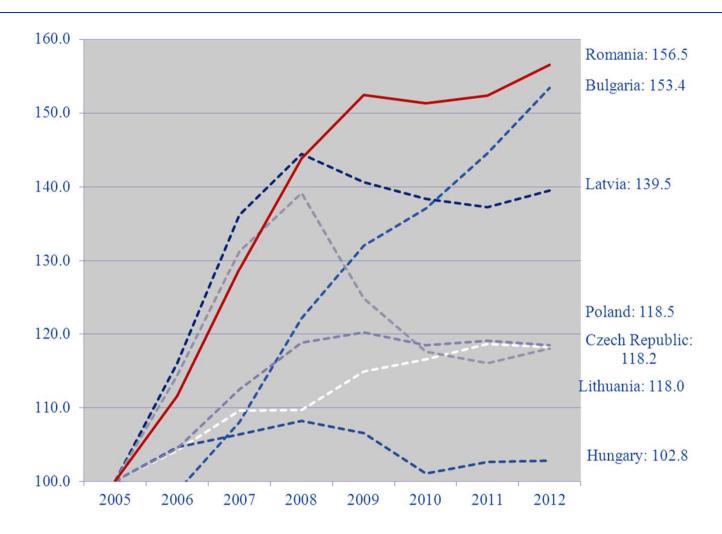


#### **Real convergence: Labour productivity**





#### **Competitiveness: Real Labour Cost Growth 2005-2012**

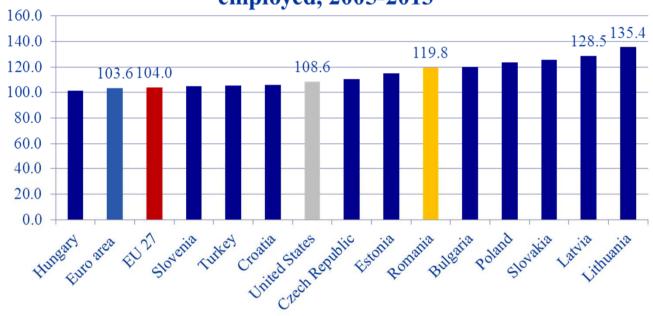


Source: Eurostat

The data covered in the LCI collection relate to total average hourly labour costs and to the labour cost categories "wages and salaries" and "employers' social security contributions plus taxes paid minus subsidies received by the employer"



## Growth of real labour productivity per person employed, 2005-2013



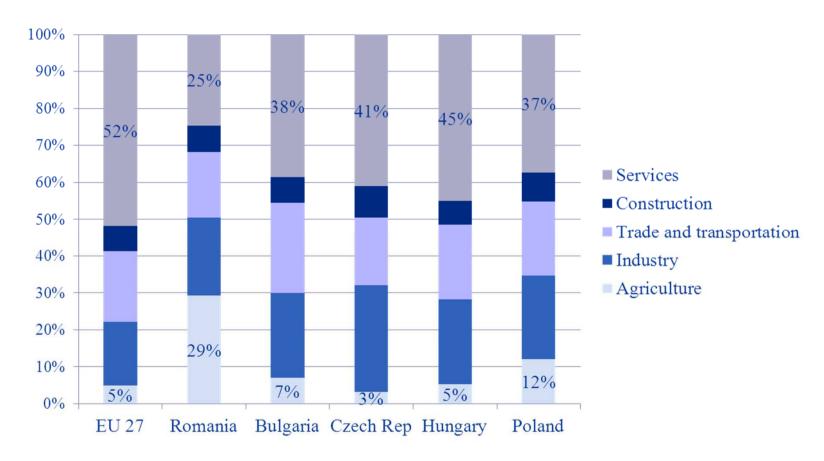
Labour productivity: GDP per person employed





## **Employment structure:** mismatches in the Romanian labor market. Need of skilled labor

	EU 27	Romania	Bulgaria	Czech Rep	Hungary	Poland
Employment share from total population	44%	44%	41%	47%	40%	42%
Unemployment rate	11%	7.5%	13.1%	7.0%	10.1%	10.4%



Source: Eurostat

