



Brussels, 18.11.2015  
SWD(2015) 245 final

PART 2/2

**COMMISSION STAFF WORKING DOCUMENT**  
*Accompanying the document*

**REPORT FROM THE COMMISSION TO THE EUROPEAN PARLIAMENT AND  
THE COUNCIL**

**Assessment of the progress made by Member States towards the national energy  
efficiency targets for 2020 and towards the implementation of the Energy Efficiency  
Directive 2012/27/EU as required by Article 24 (3) of Energy Efficiency Directive  
2012/27/EU**

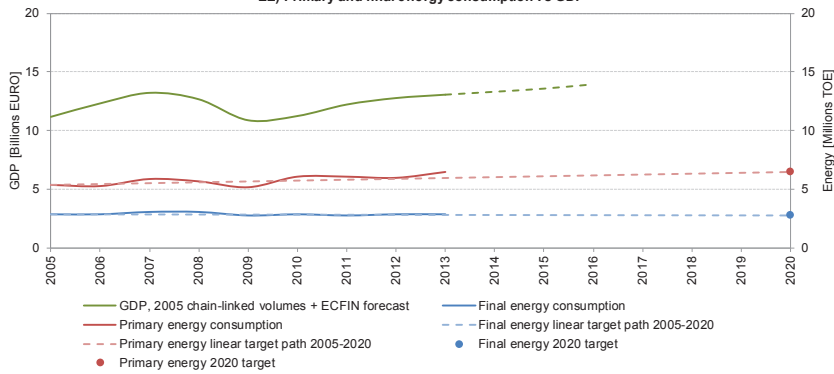
{COM(2015) 574 final}

## TABLE OF CONTENTS

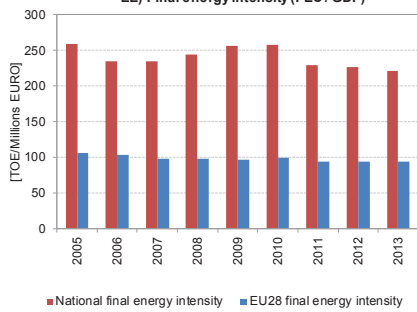
Annex II – Indicators of the Annual Reports .....	32
8. Estonia .....	47
9. Finland .....	49
10. France .....	51
11. Germany .....	53
12. Greece .....	55
13. Hungary .....	57
14. Ireland.....	59
15. Italy .....	61
16. Latvia .....	63
17. Lithuania .....	65
18. Luxembourg.....	67
19. Malta .....	69
20. Netherlands .....	71
21. Poland.....	73
22. Portugal .....	75
23. Romania.....	77
24. Slovakia.....	79
25. Slovenia .....	81
26. Spain .....	83
27. Sweden .....	85
28. UK .....	87

# 8. Estonia

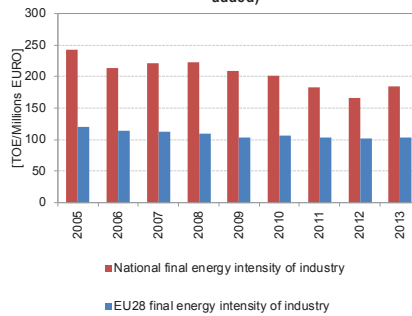
EE) Primary and final energy consumption vs GDP



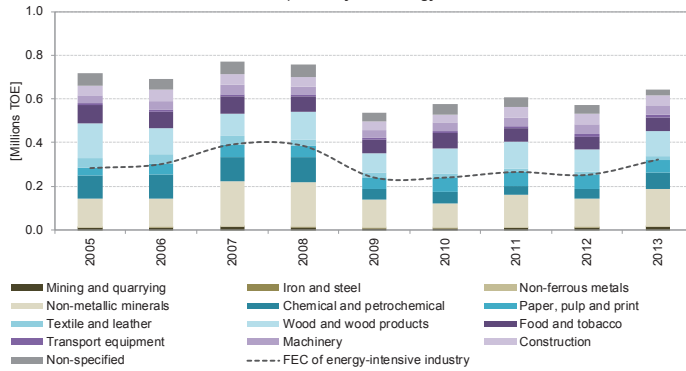
EE) Final energy intensity (FEC / GDP)



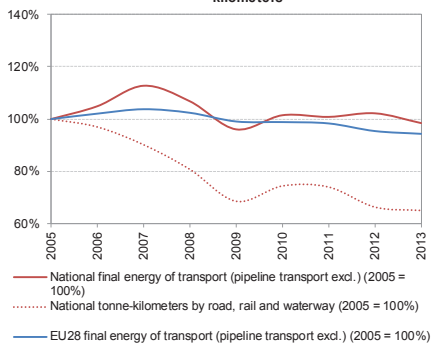
EE) Industry: final energy intensity (FEC / value added)



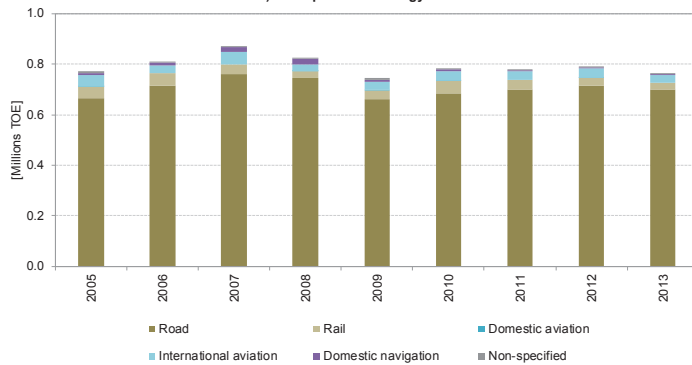
EE) Industry: final energy breakdown

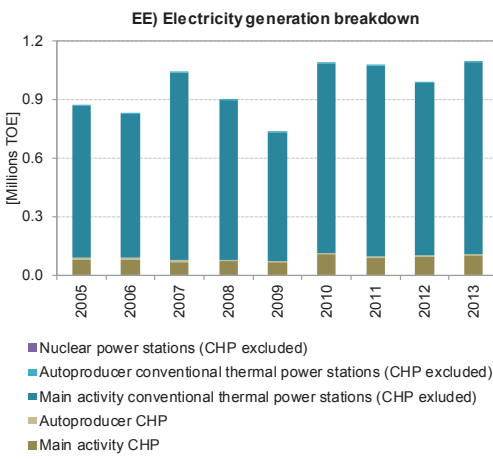
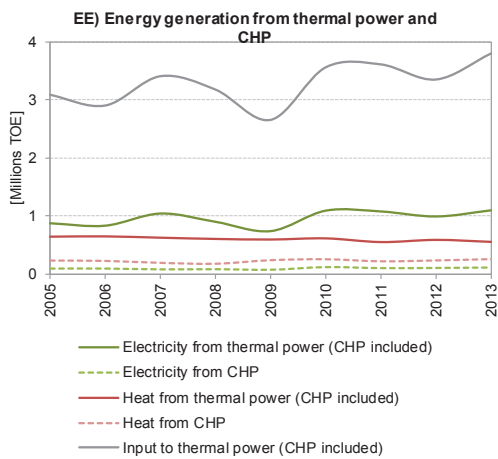
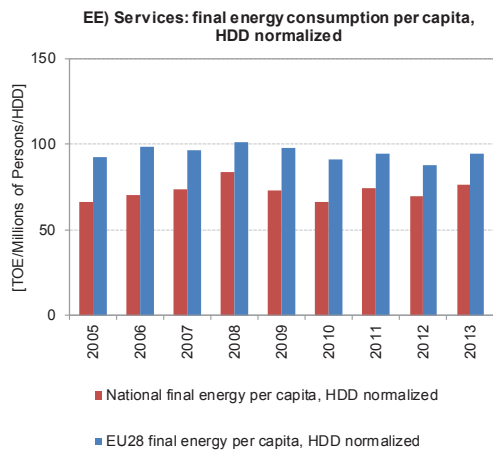
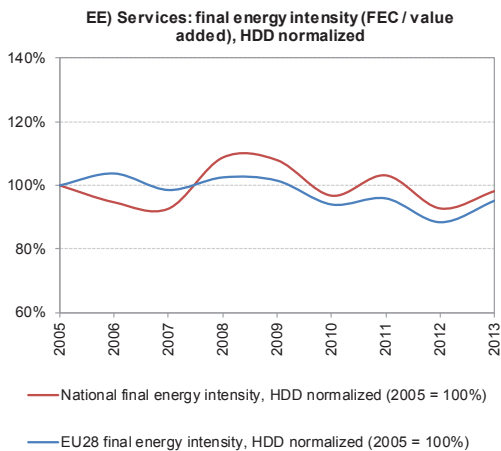
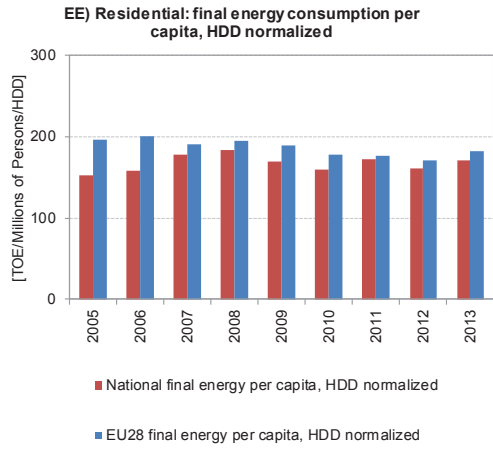
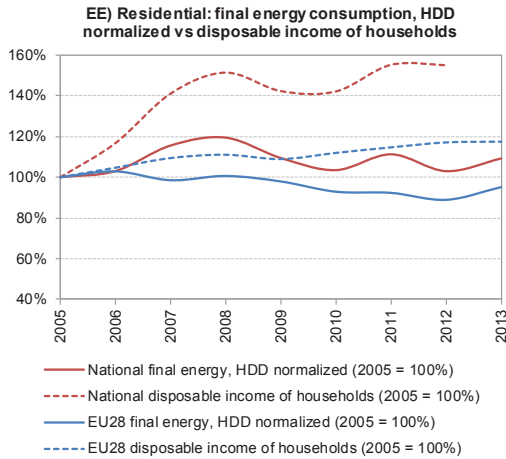


EE) Transport: final energy consumption vs tonne-kilometers

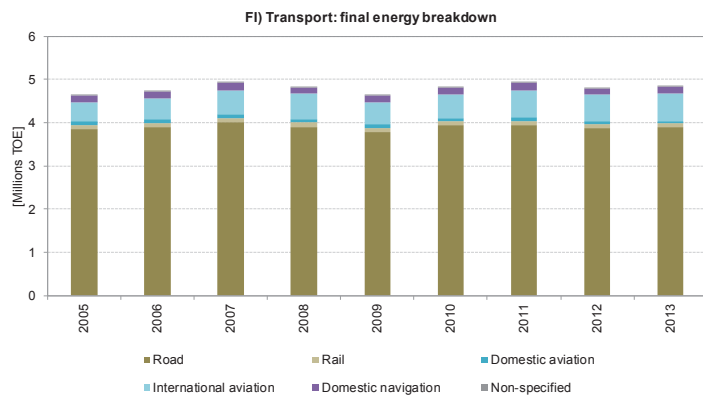
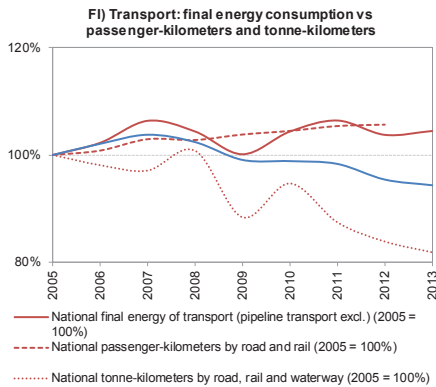
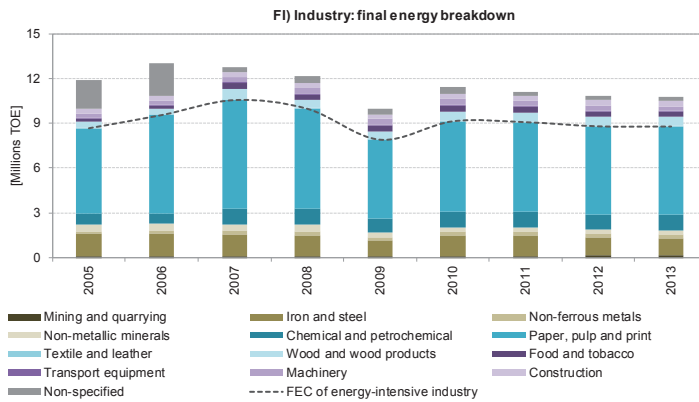
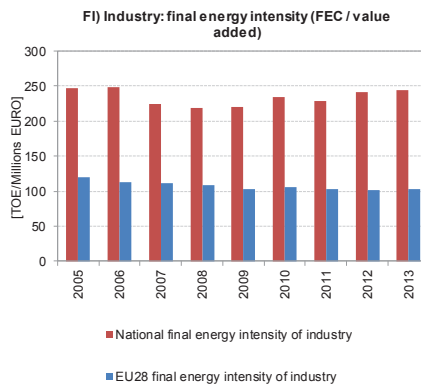
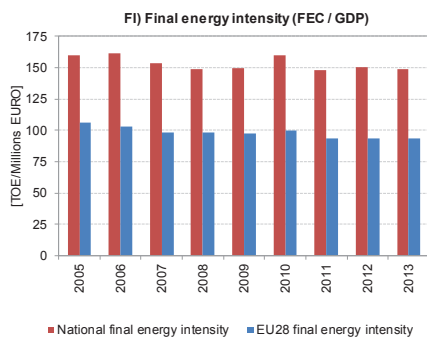
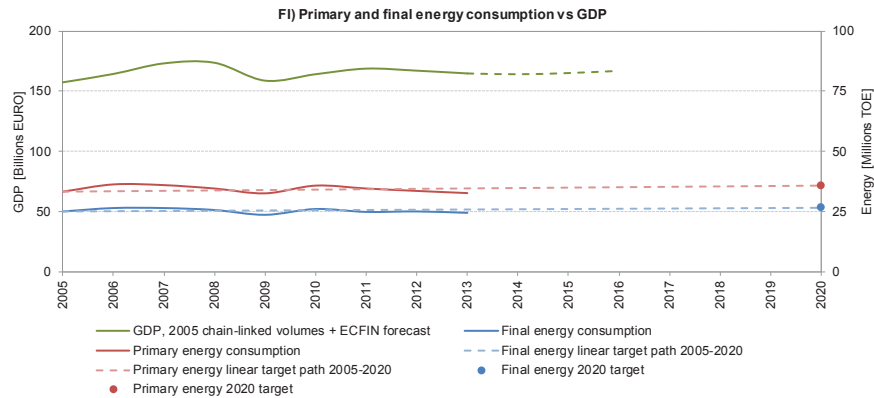


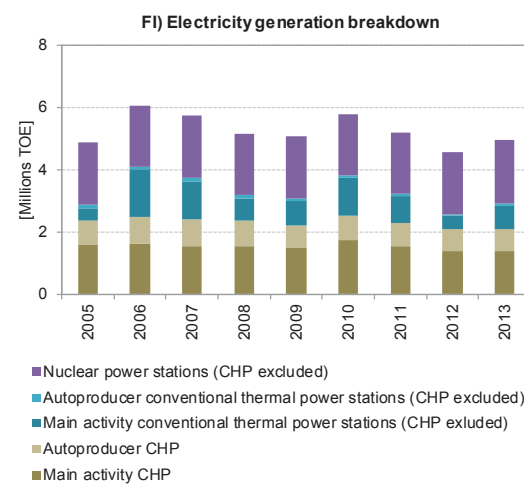
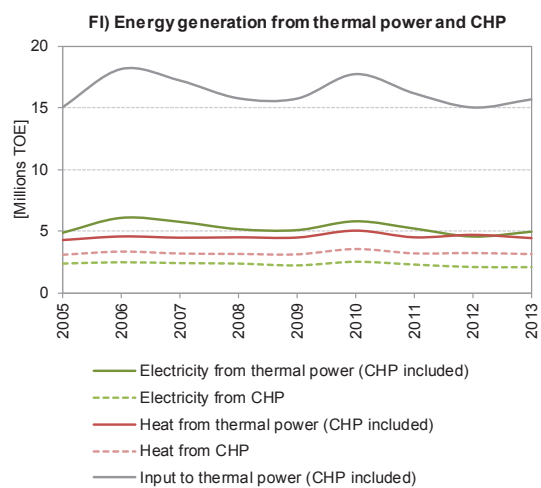
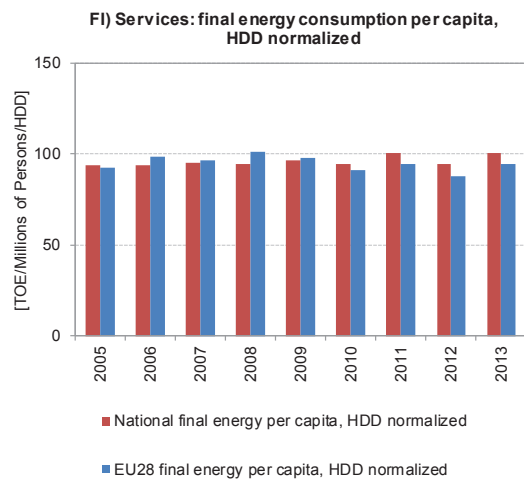
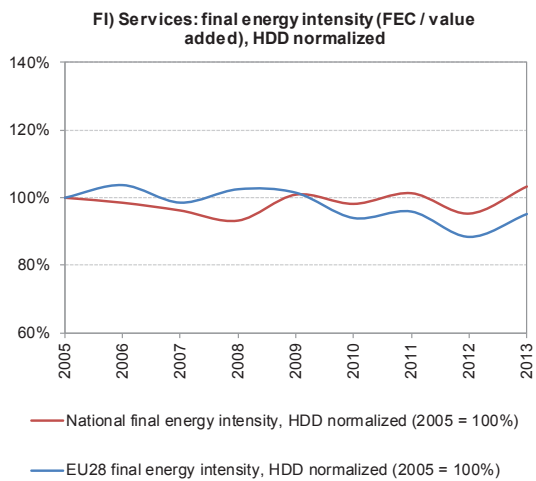
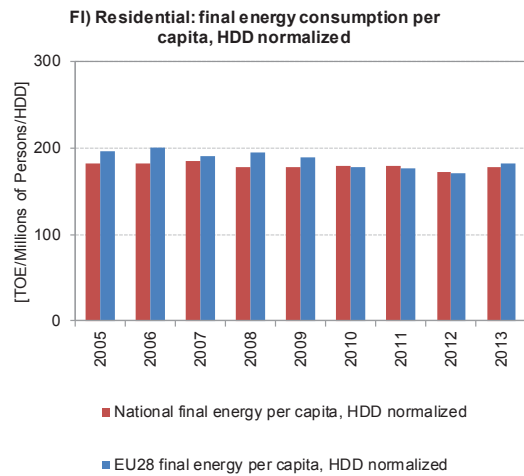
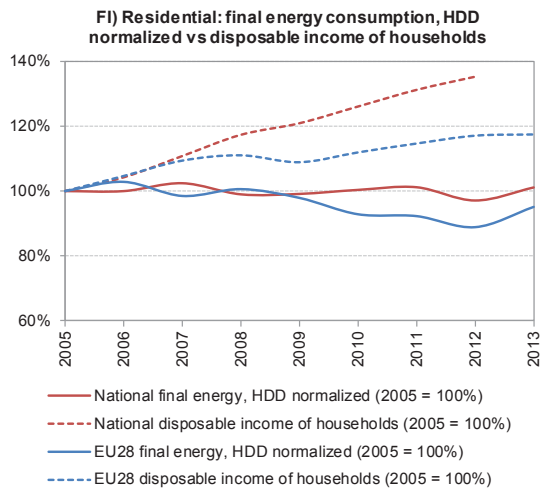
EE) Transport: final energy breakdown



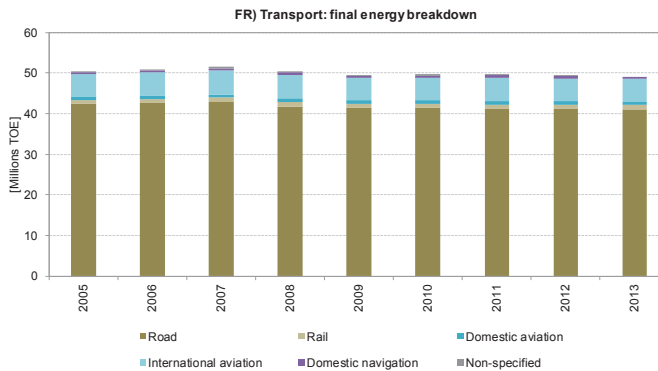
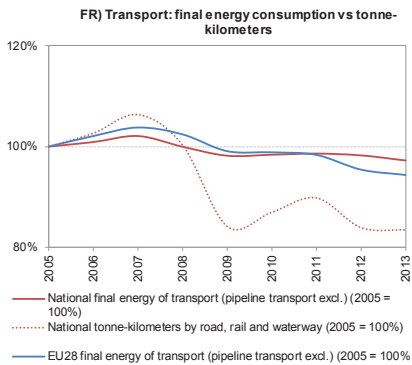
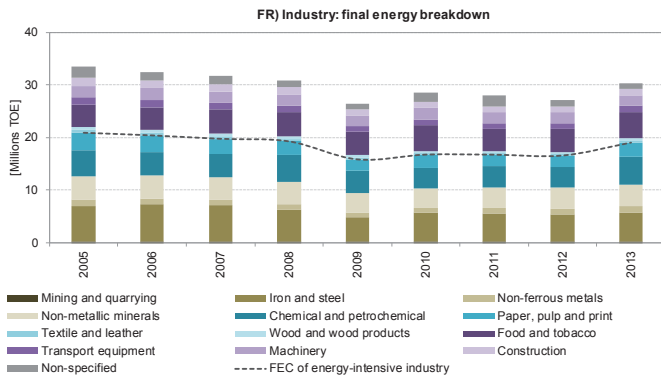
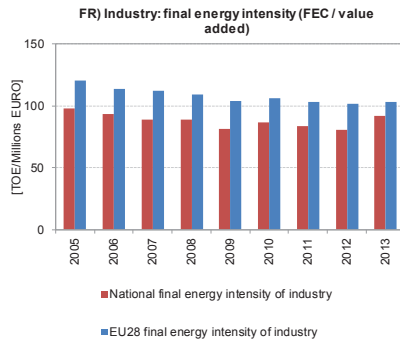
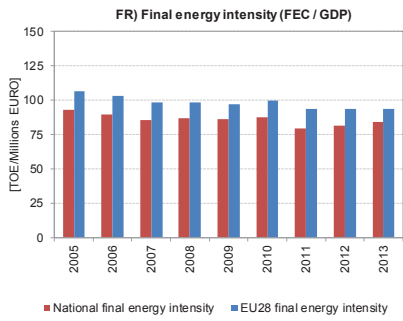
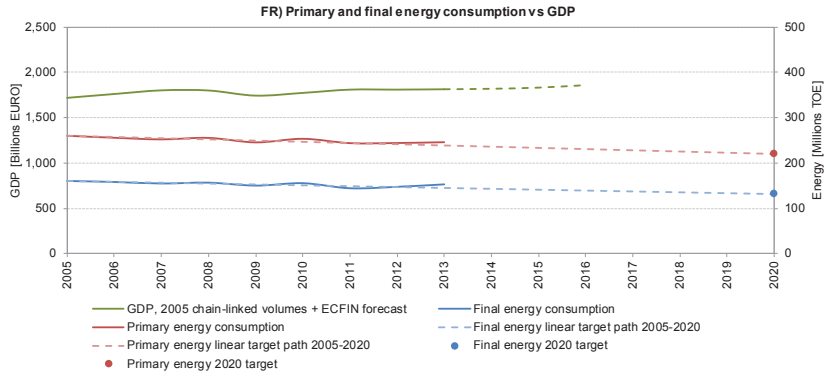


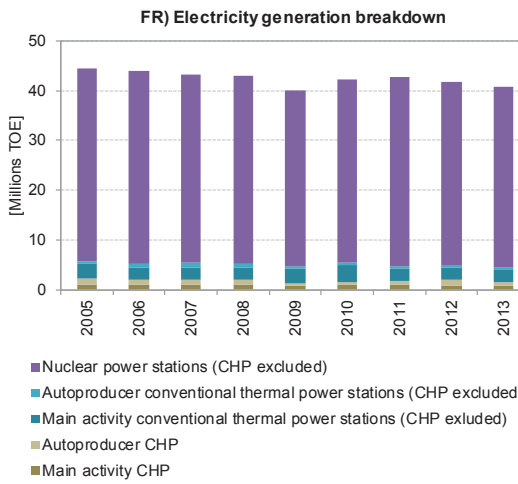
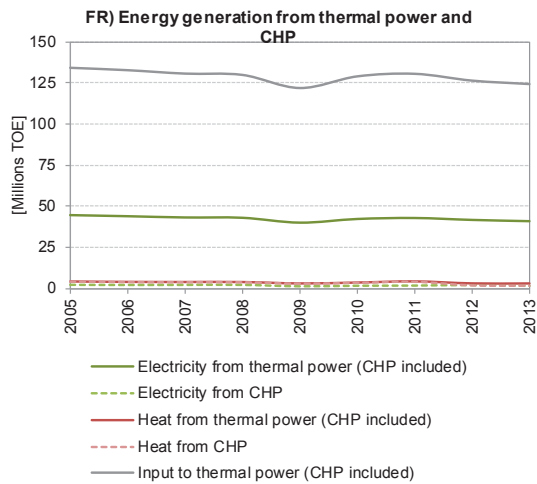
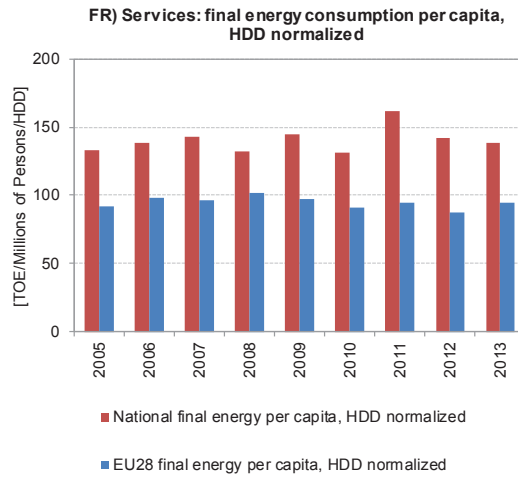
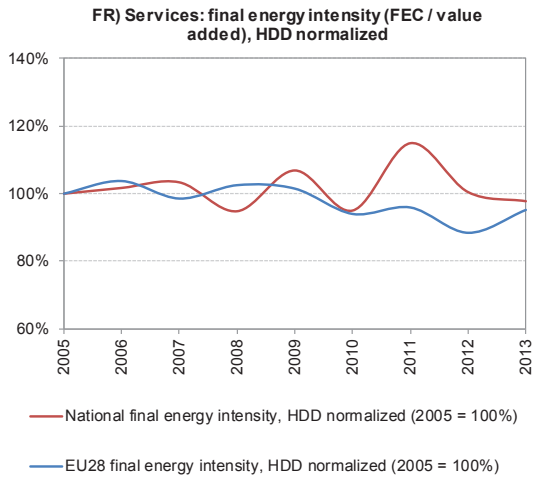
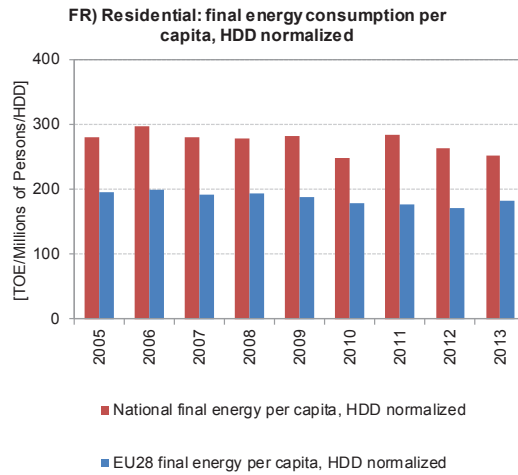
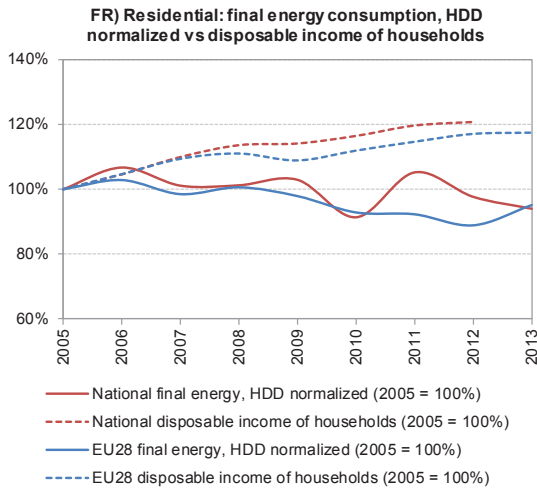
# 9. Finland





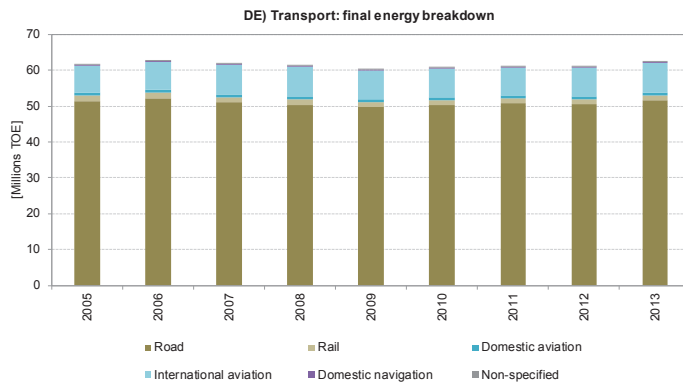
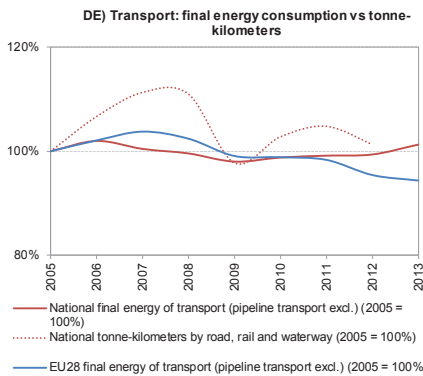
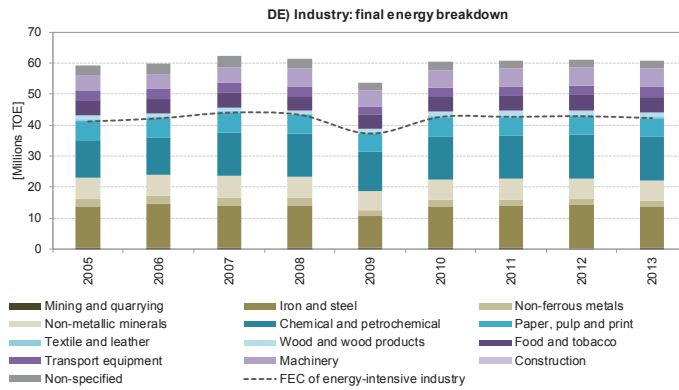
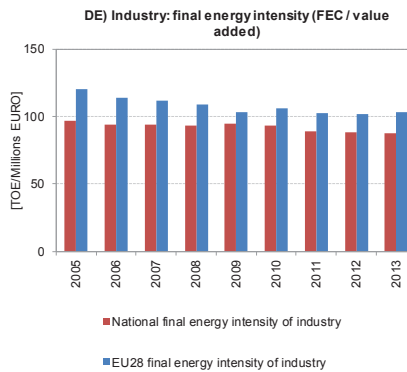
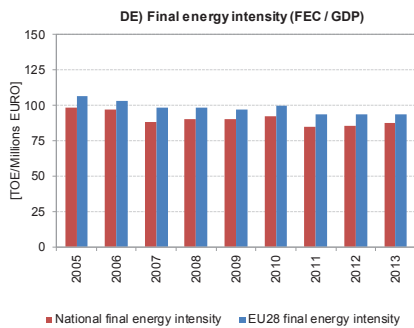
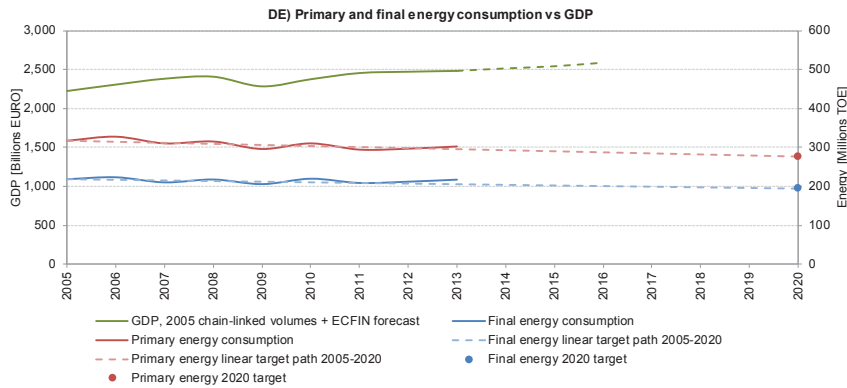
# 10. France

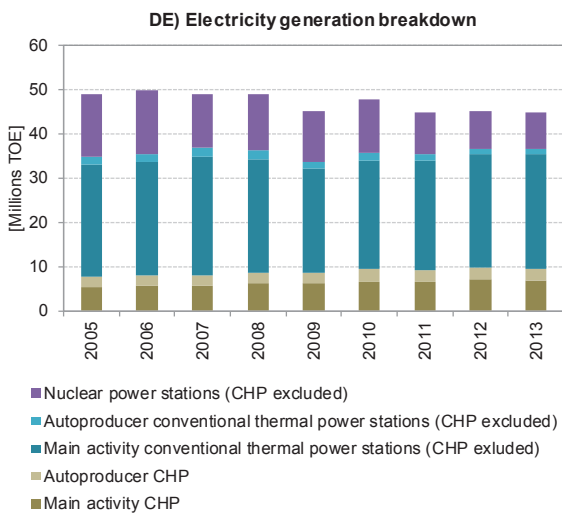
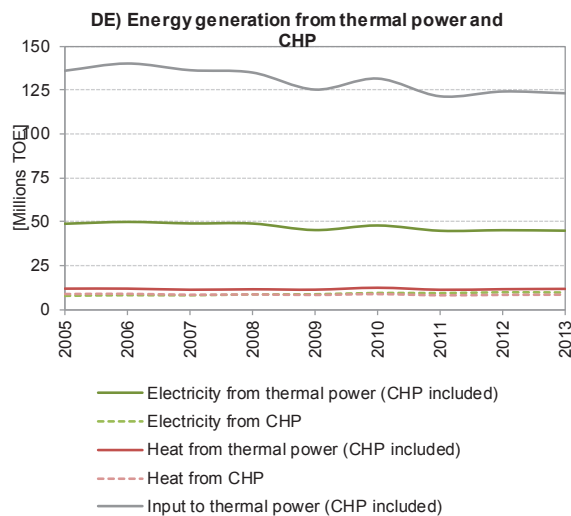
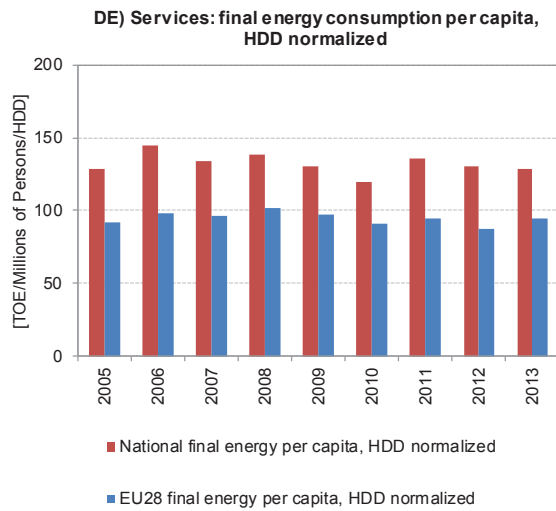
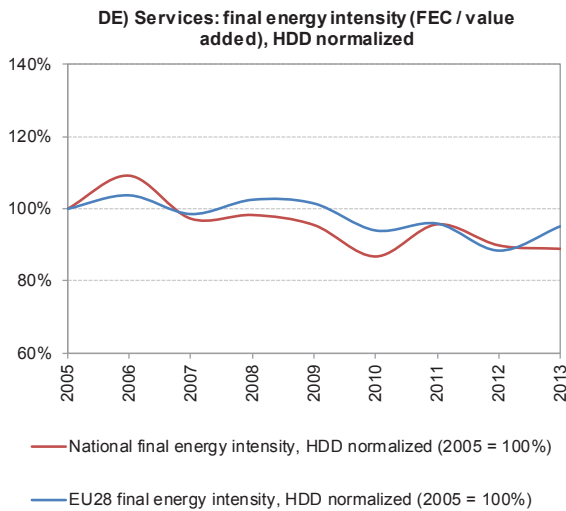
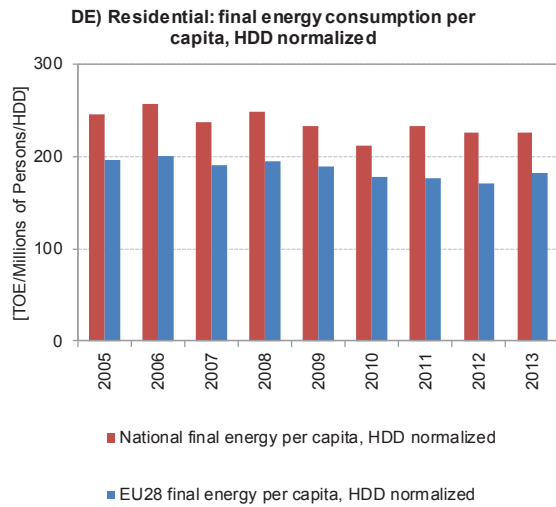
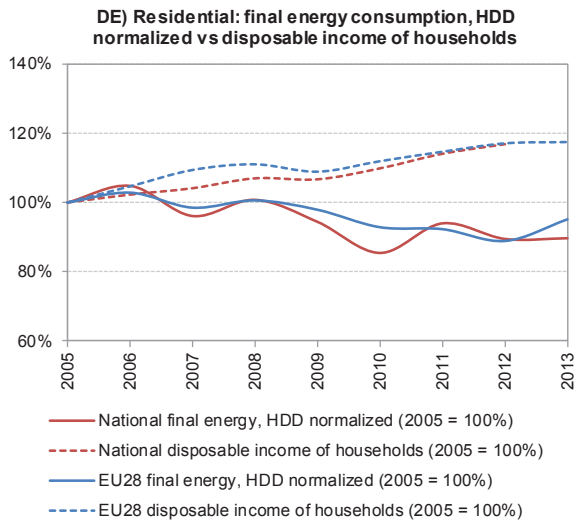






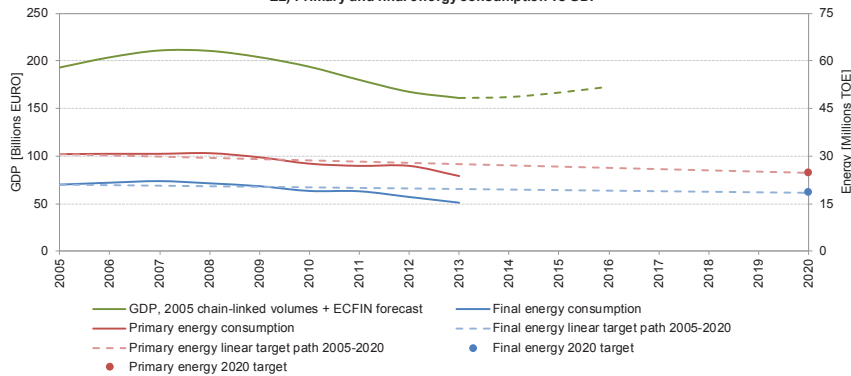
# 11. Germany



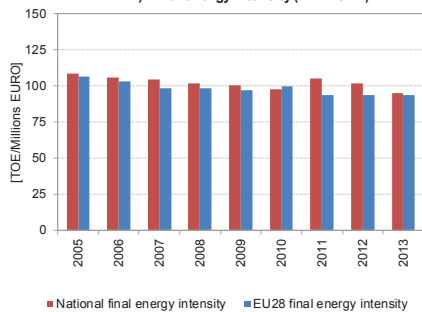


# 12. Greece

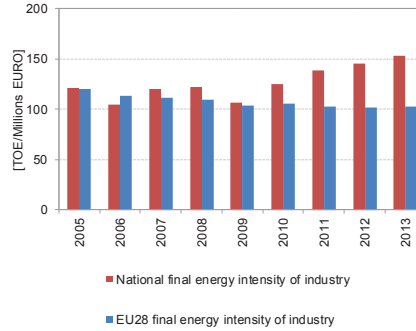
EL) Primary and final energy consumption vs GDP



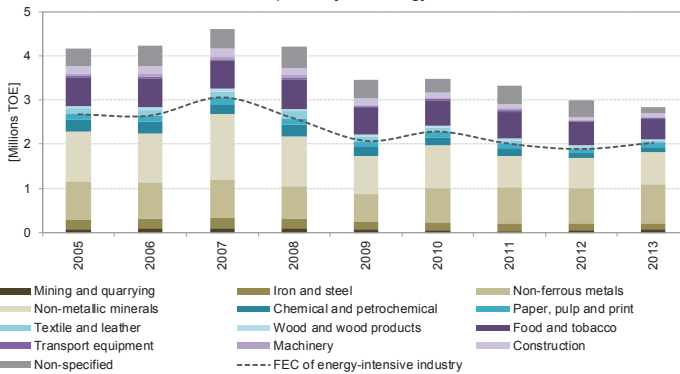
EL) Final energy intensity (FEC / GDP)



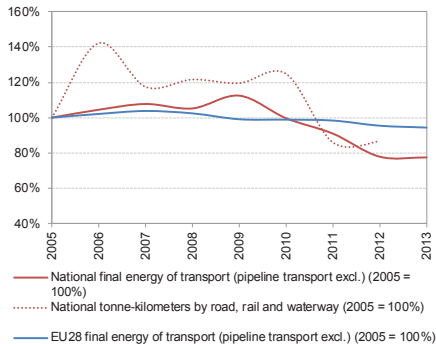
EL) Industry: final energy intensity (FEC / value added)



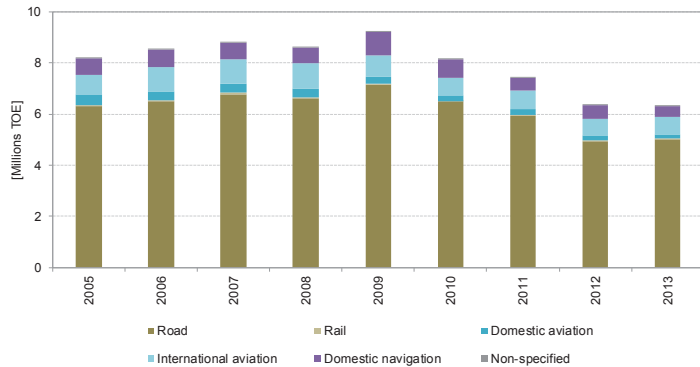
EL) Industry: final energy breakdown

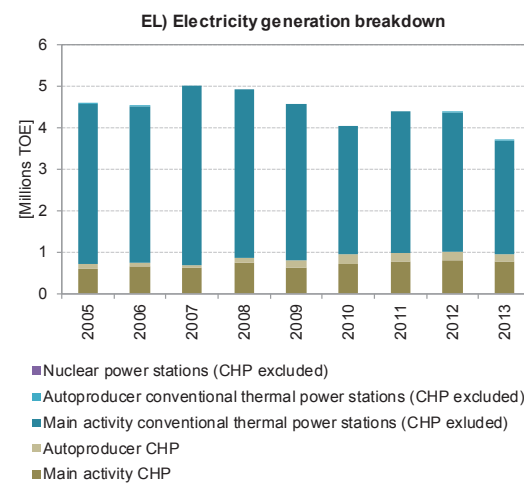
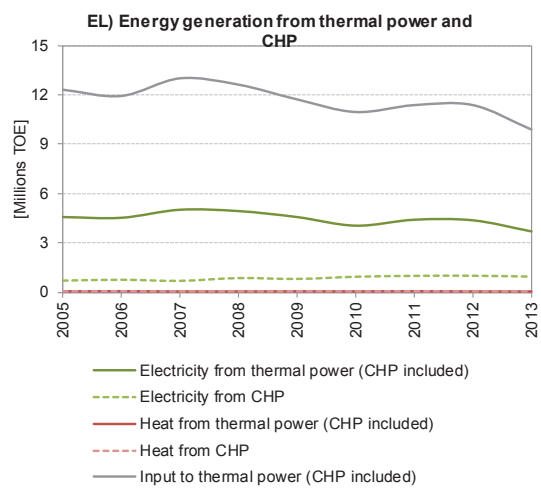
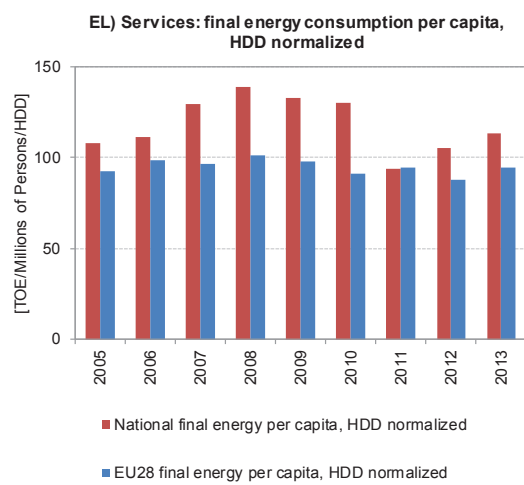
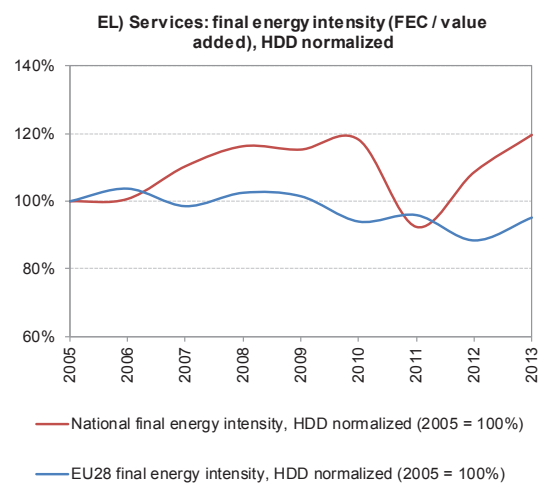
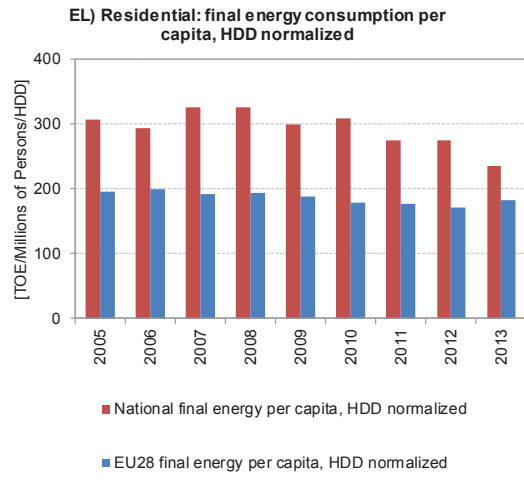
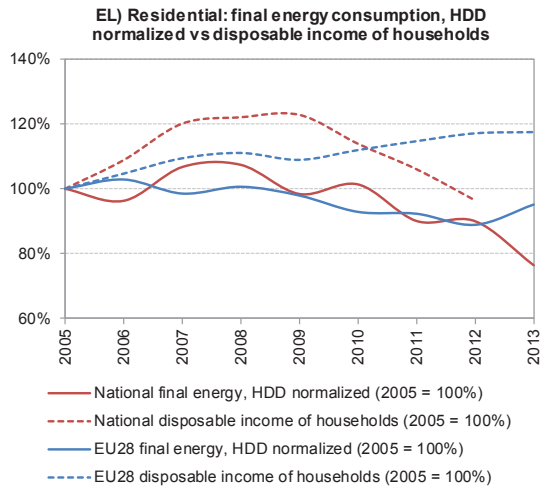


EL) Transport: final energy consumption vs tonne-kilometers

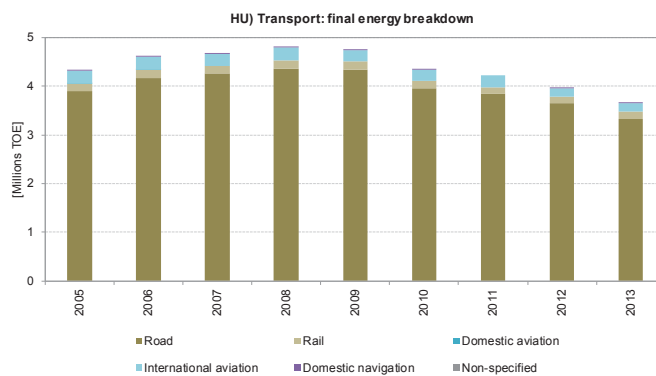
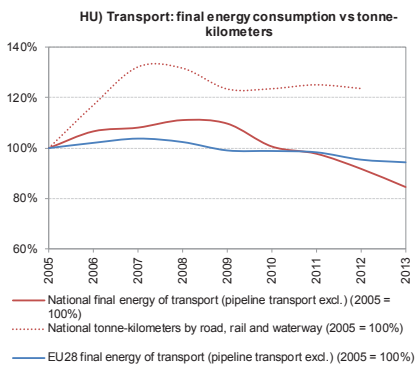
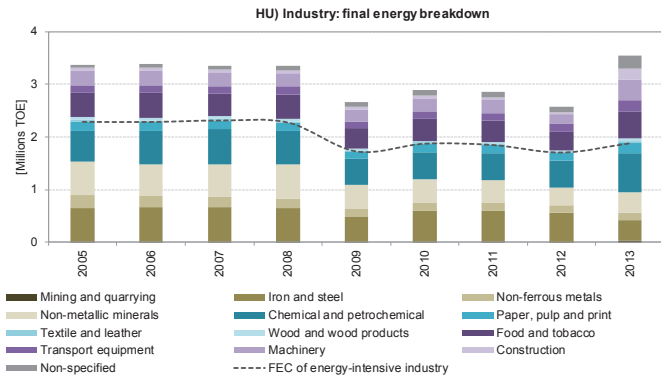
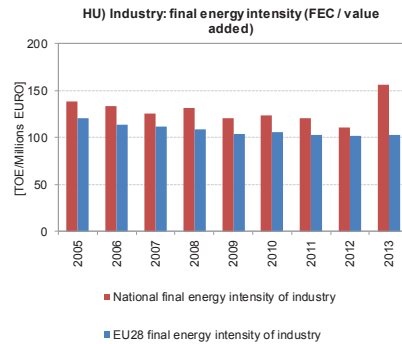
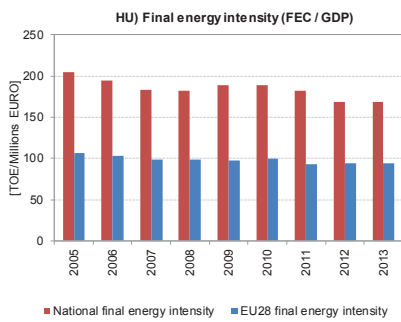
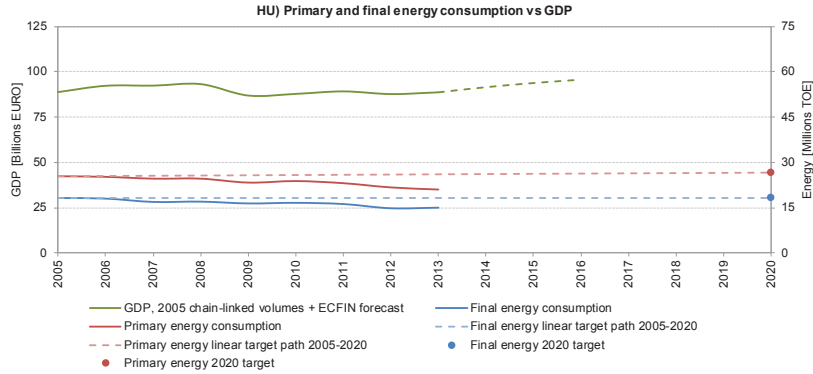


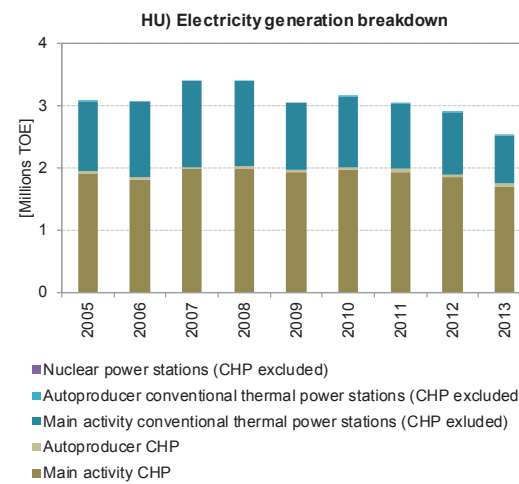
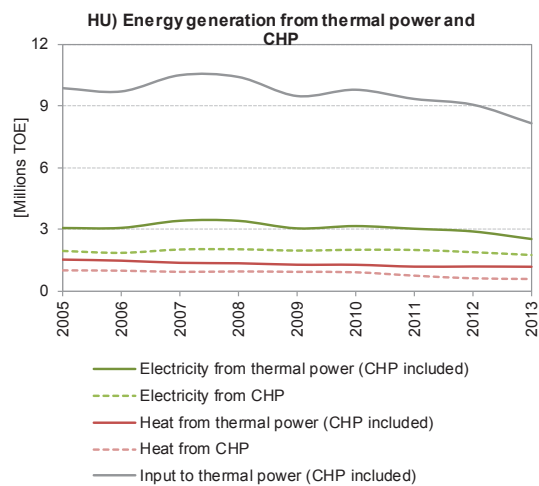
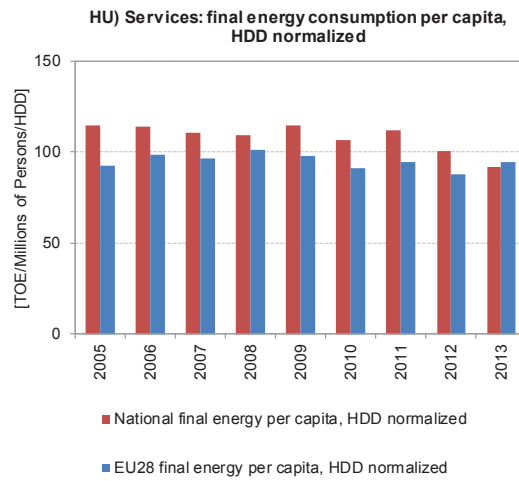
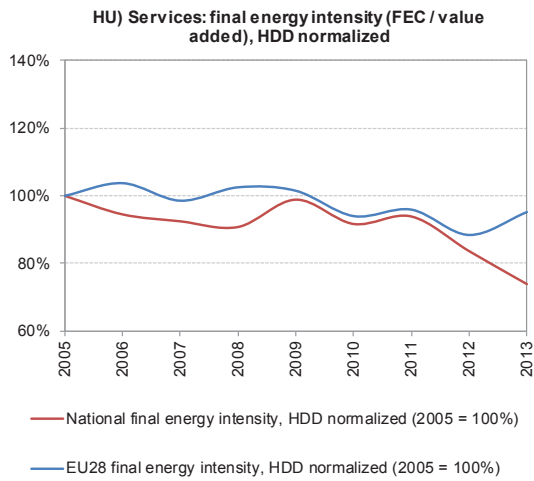
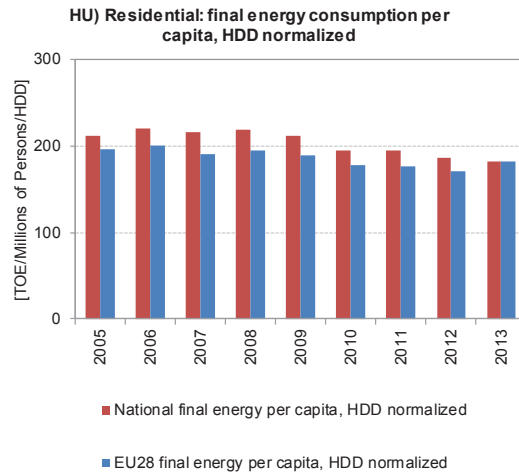
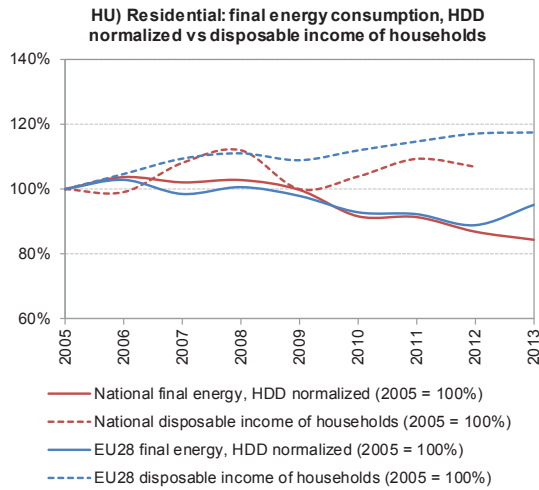
EL) Transport: final energy breakdown



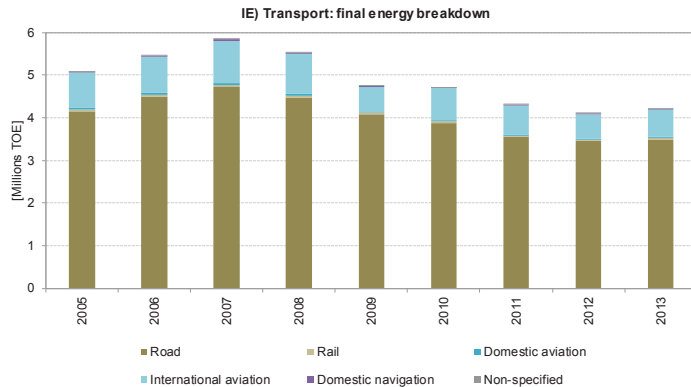
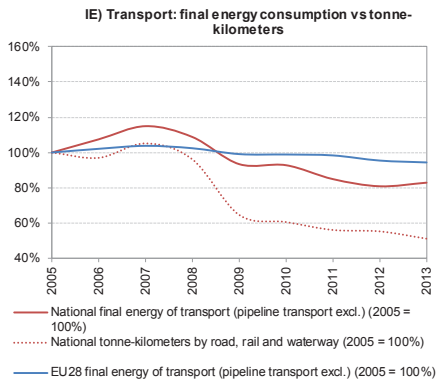
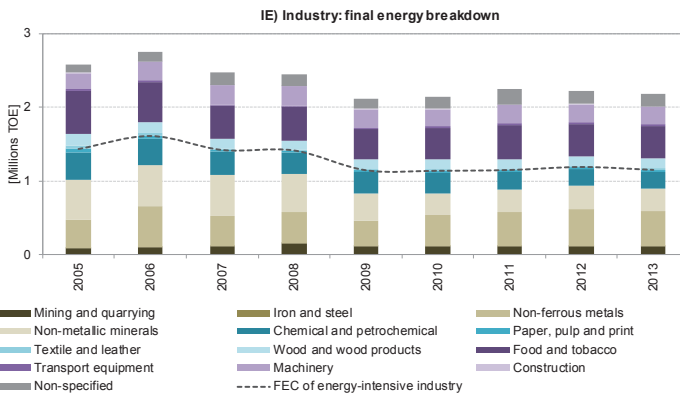
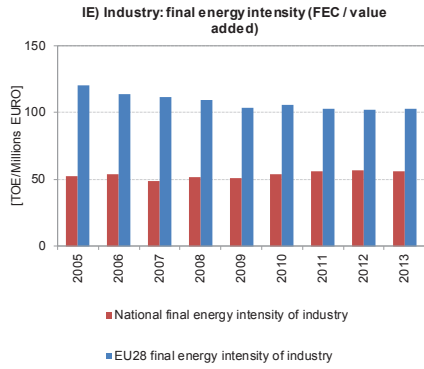
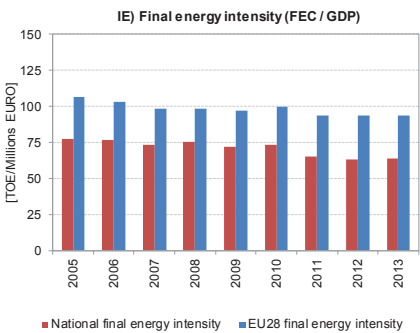
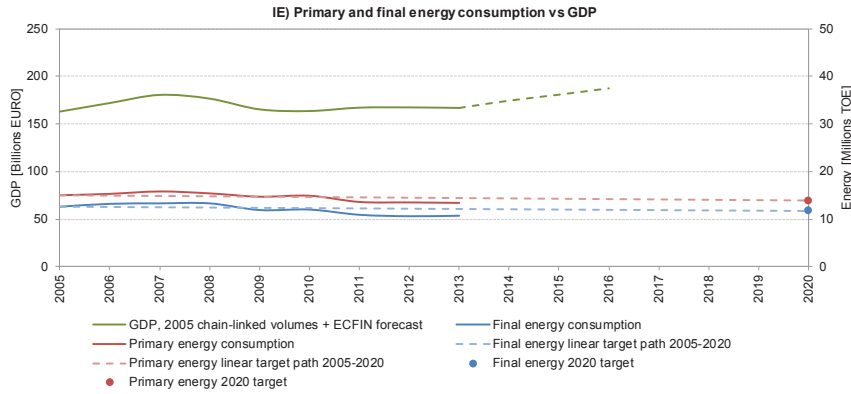


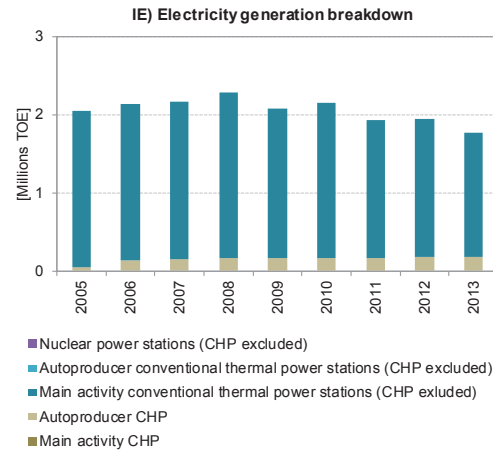
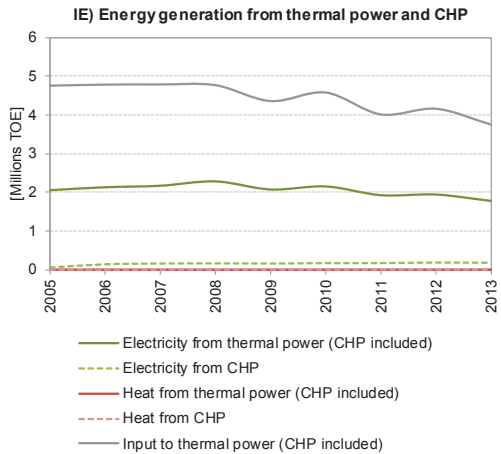
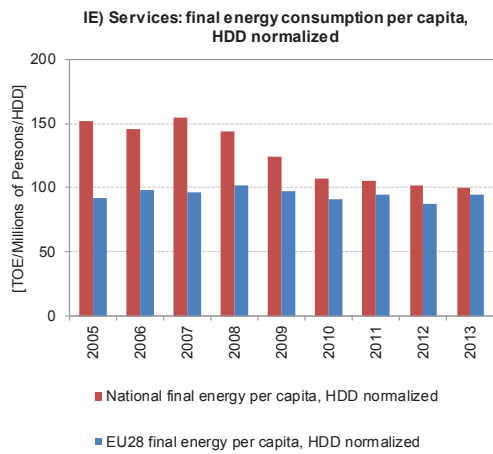
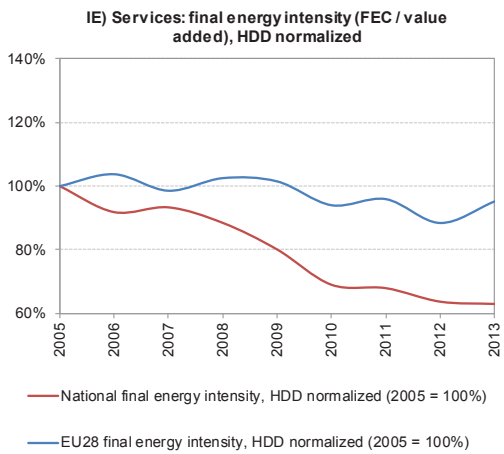
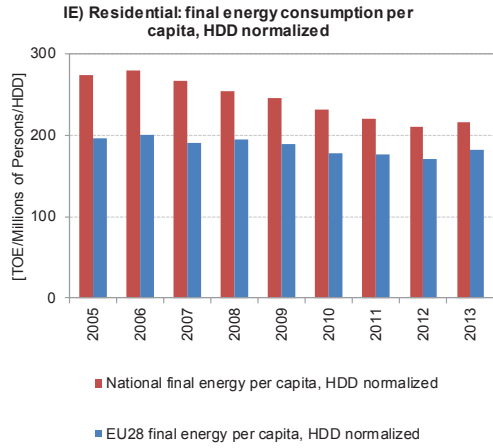
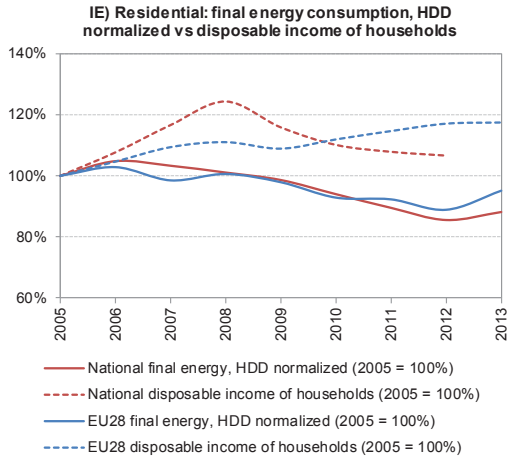
# 13. Hungary





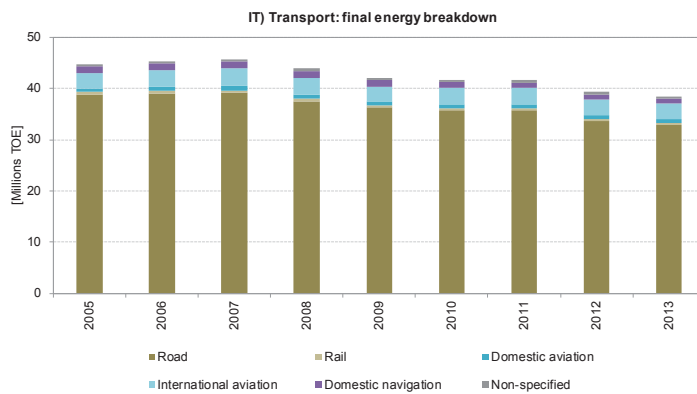
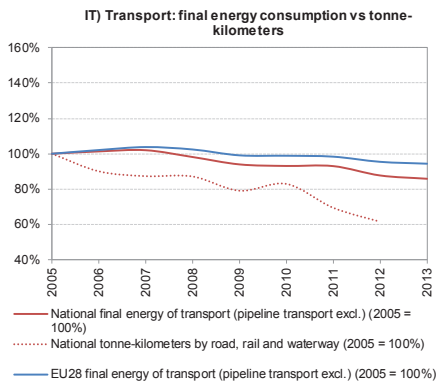
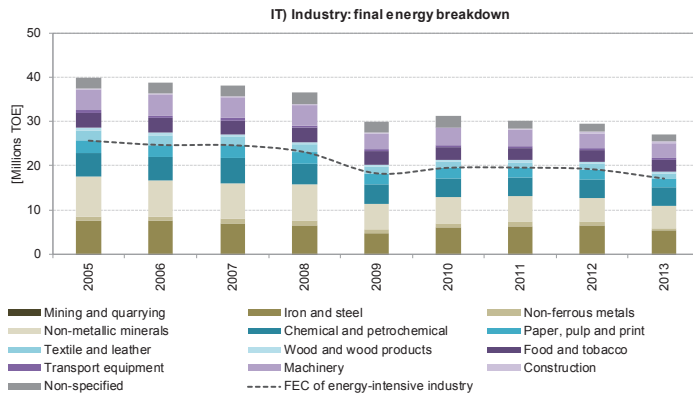
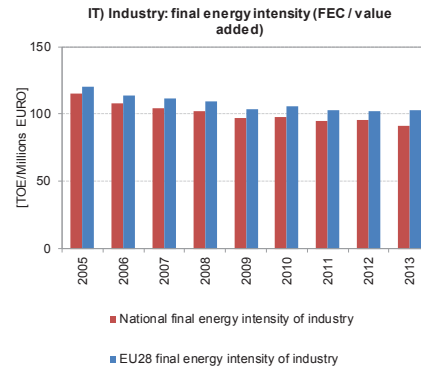
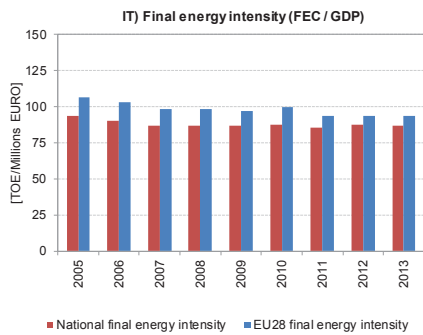
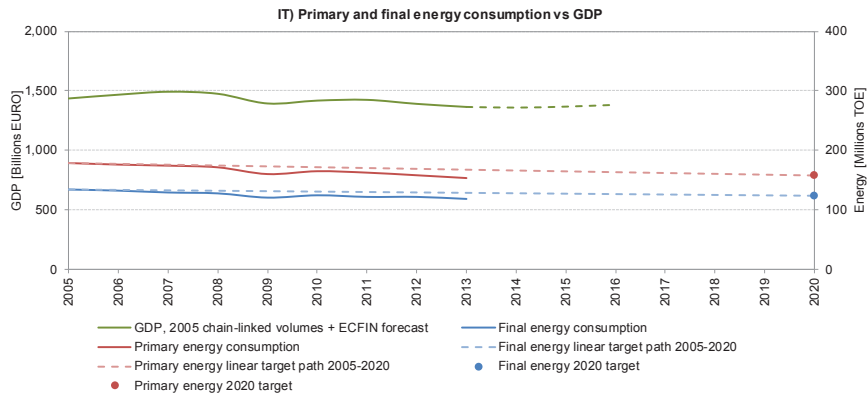
# 14. Ireland

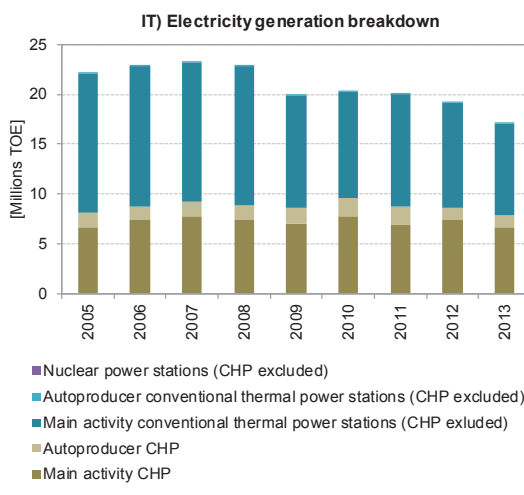
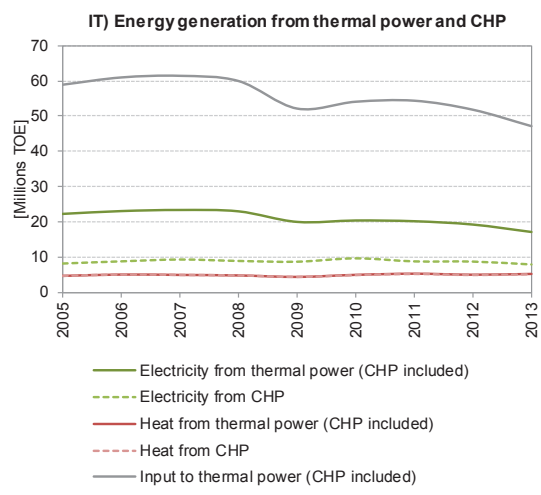
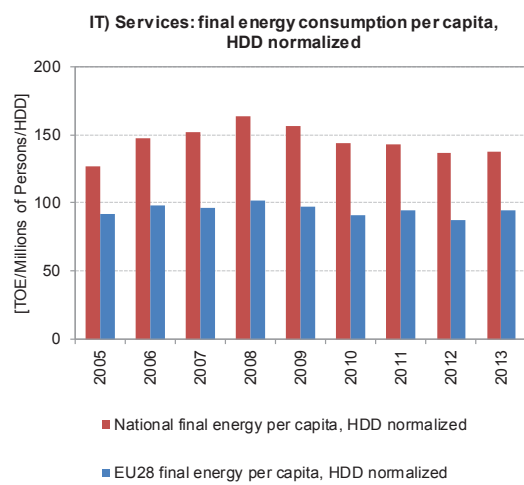
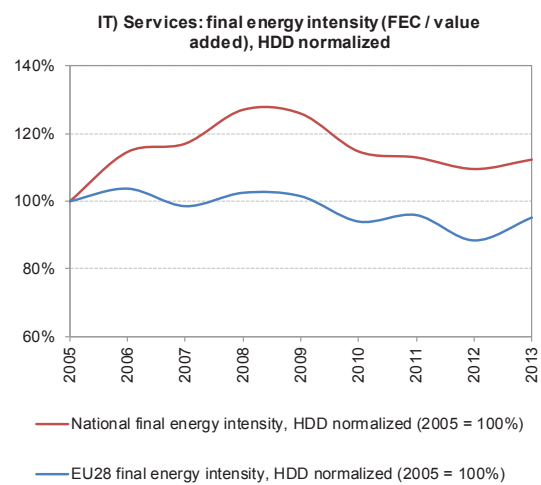
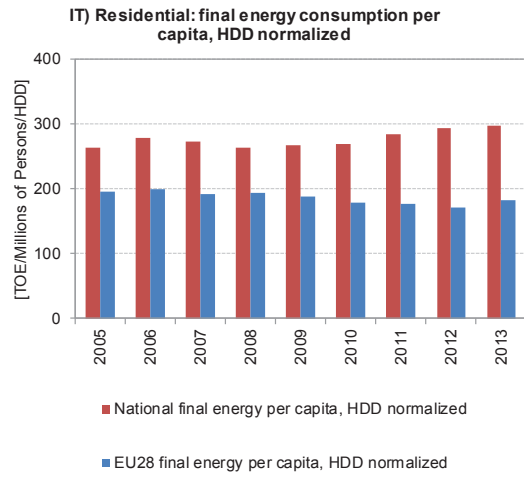
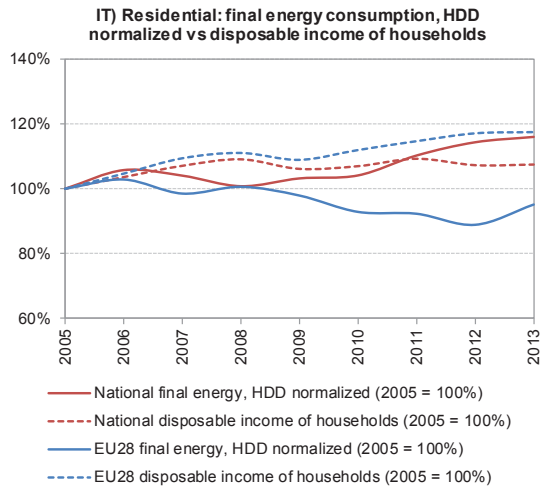




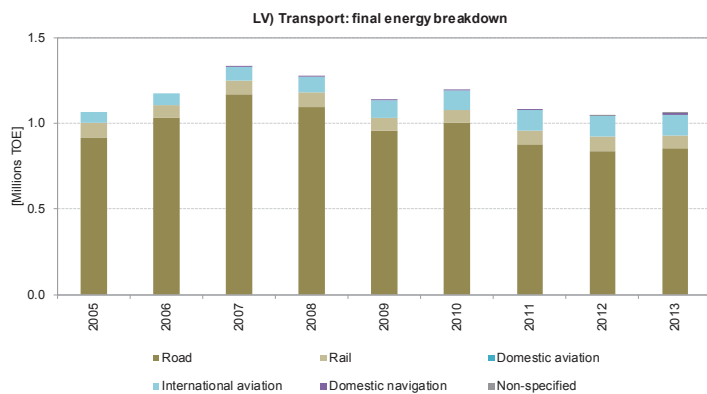
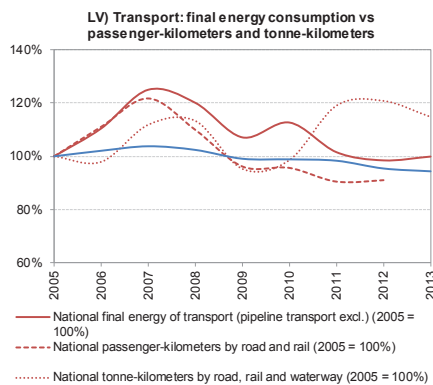
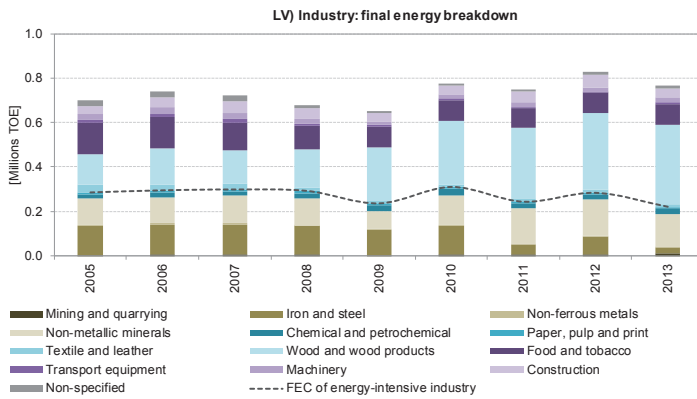
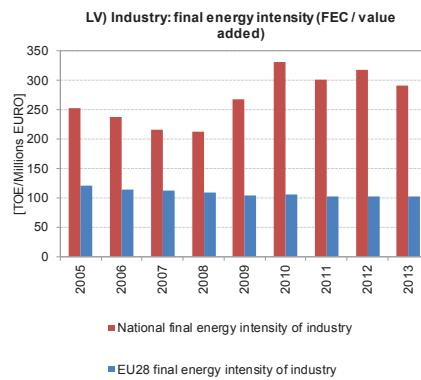
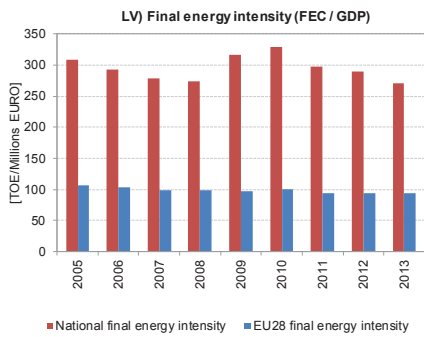
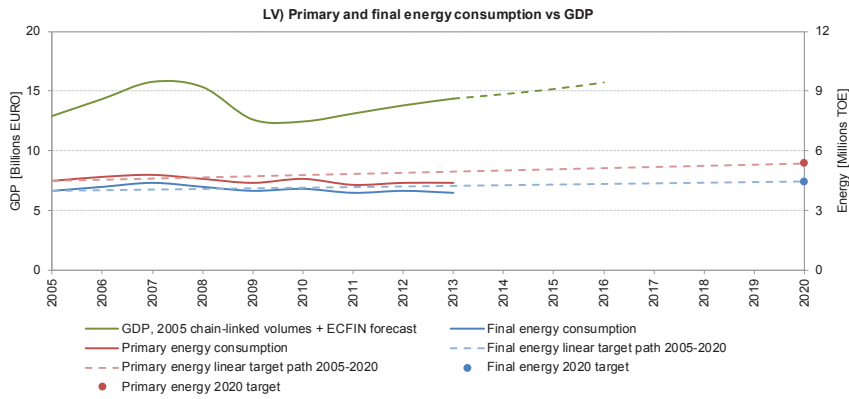


# 15. Italy

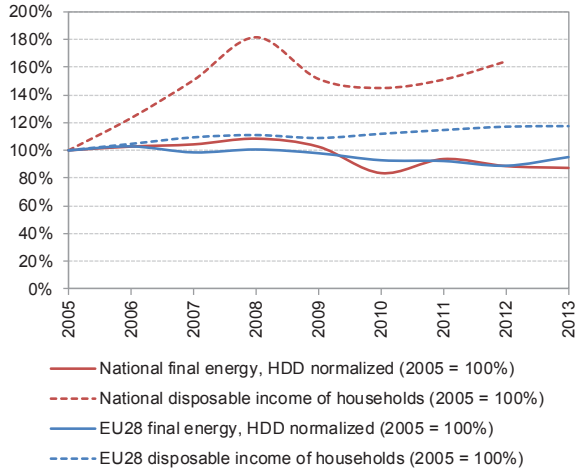




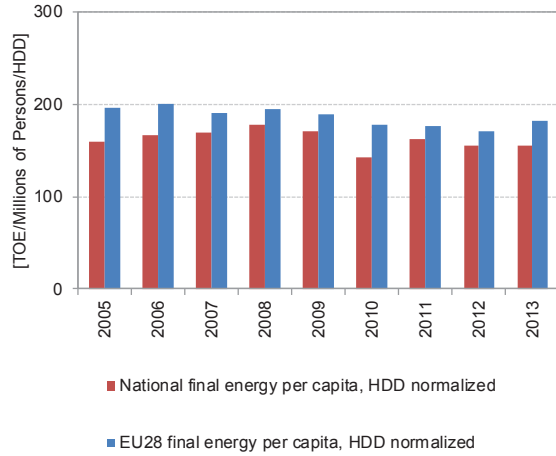
# 16. Latvia



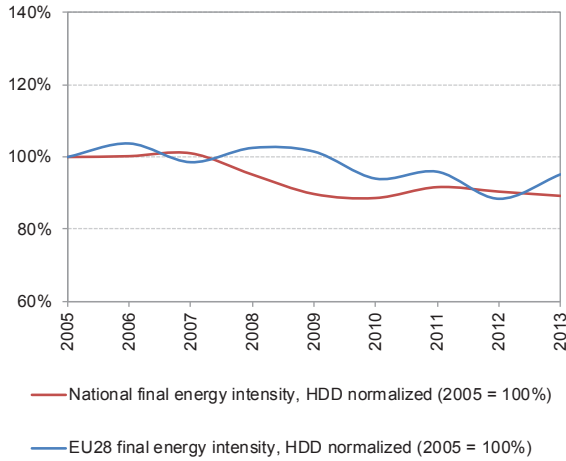
**LV) Residential: final energy consumption, HDD normalized vs disposable income of households**



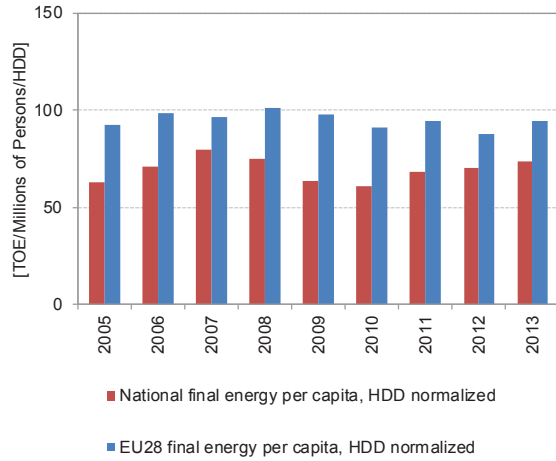
**LV) Residential: final energy consumption per capita, HDD normalized**



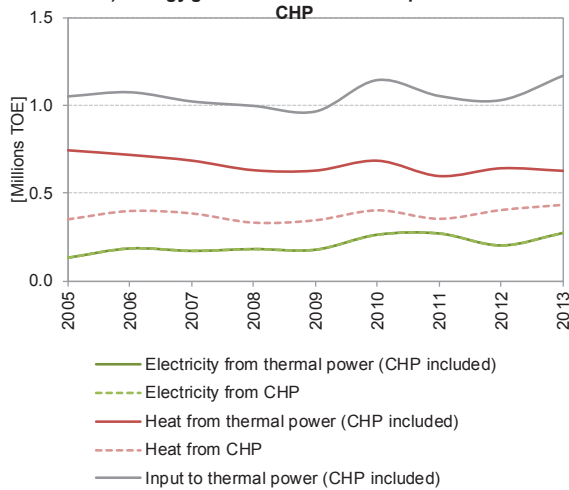
**LV) Services: final energy intensity (FEC / value added), HDD normalized**



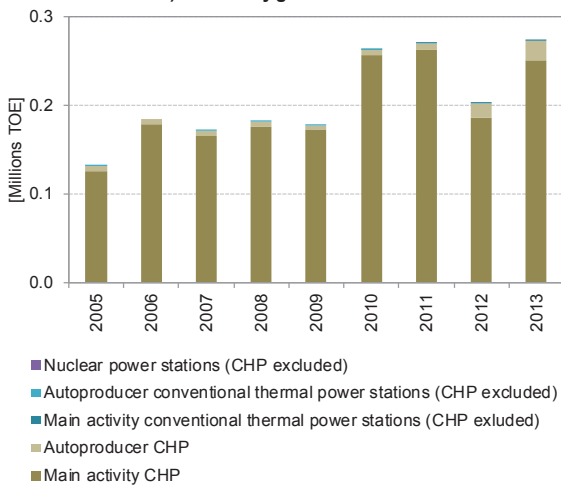
**LV) Services: final energy consumption per capita, HDD normalized**



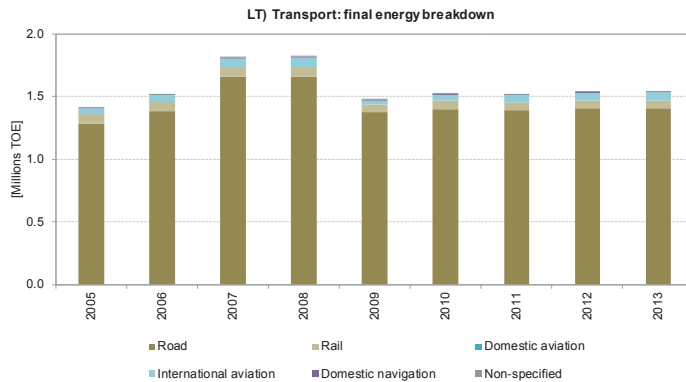
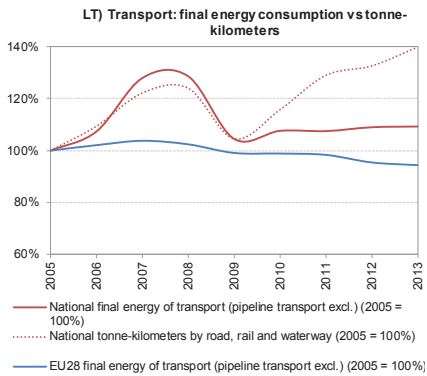
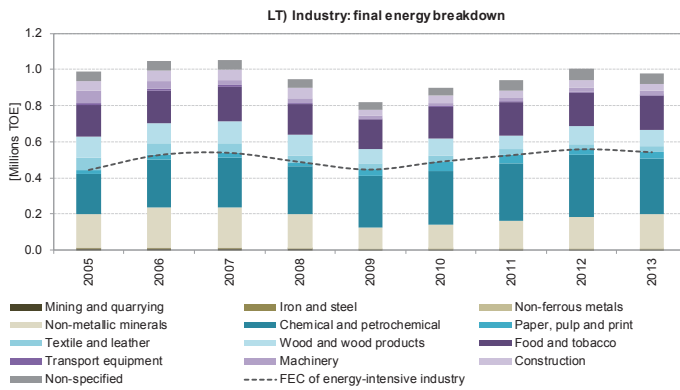
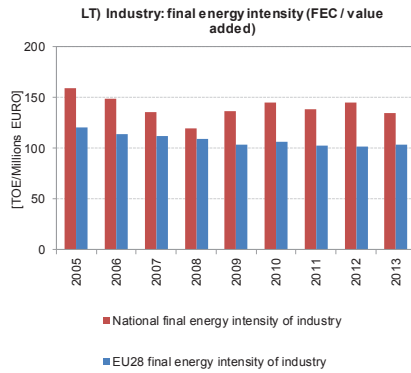
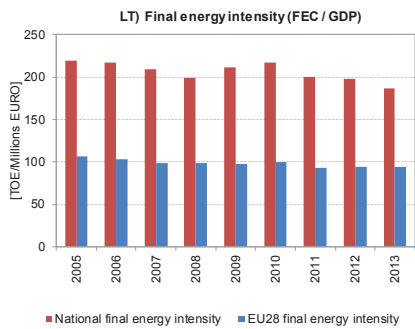
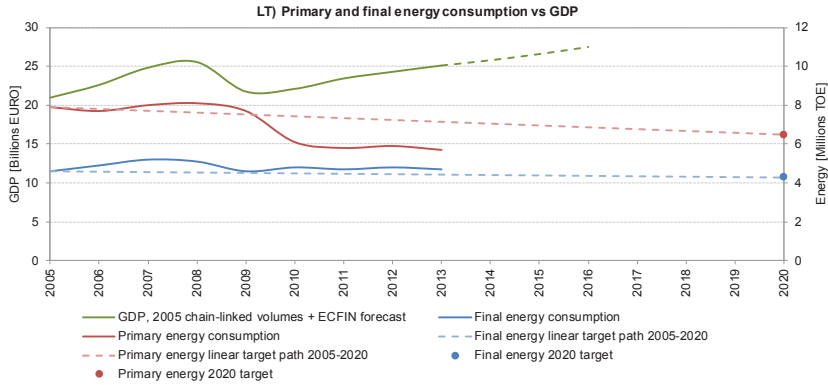
**LV) Energy generation from thermal power and CHP**

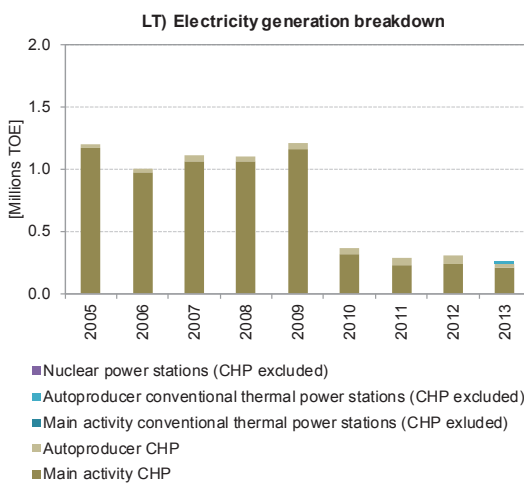
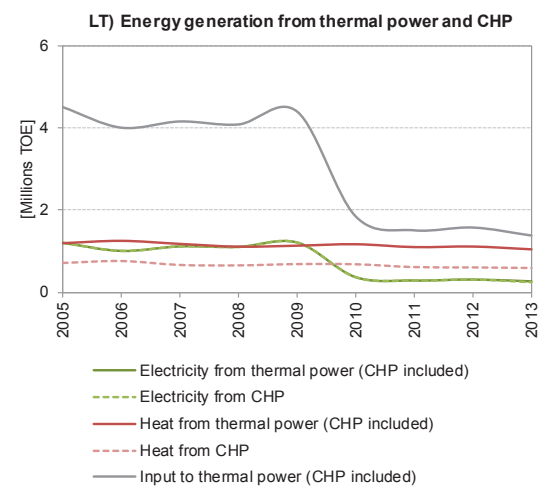
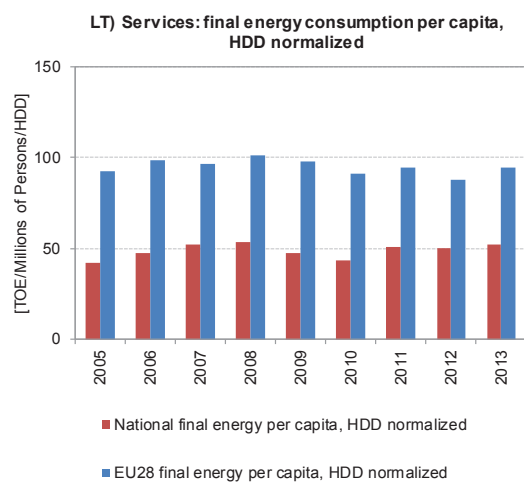
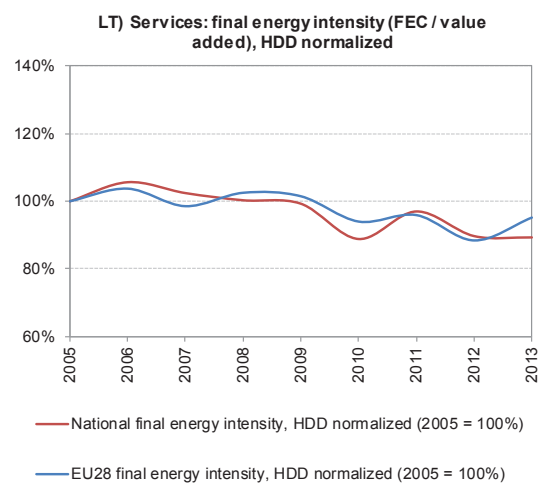
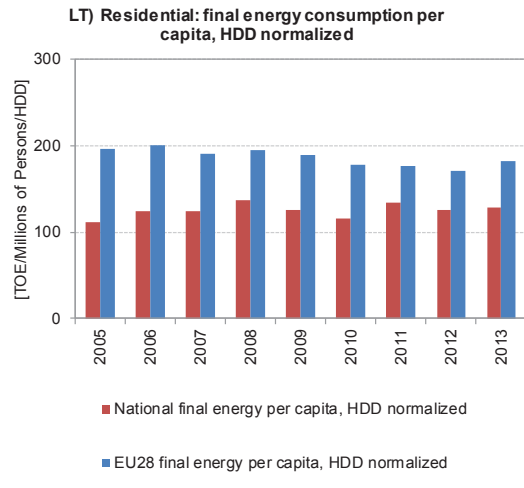
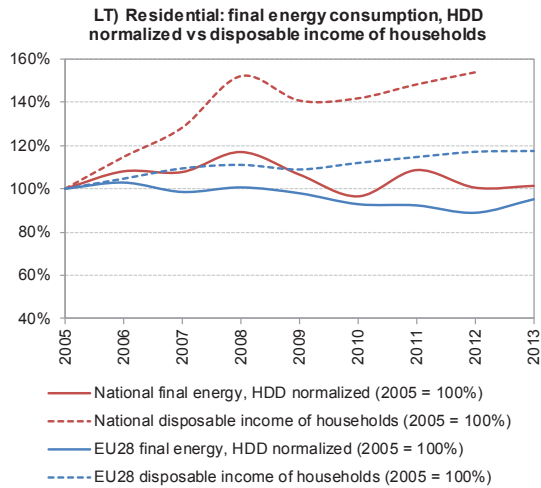


**LV) Electricity generation breakdown**

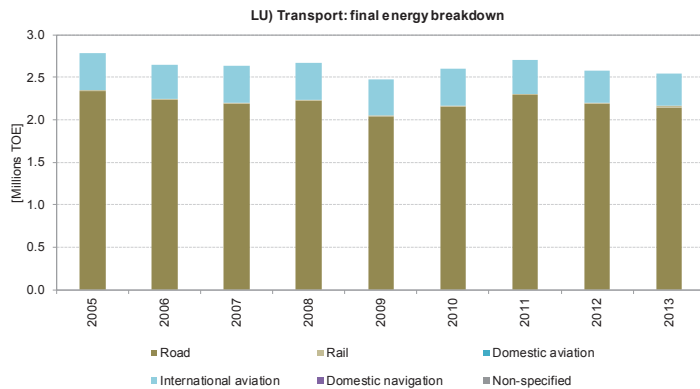
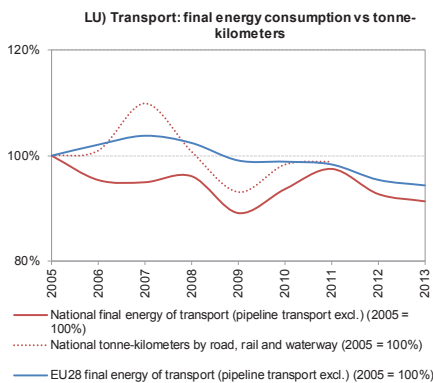
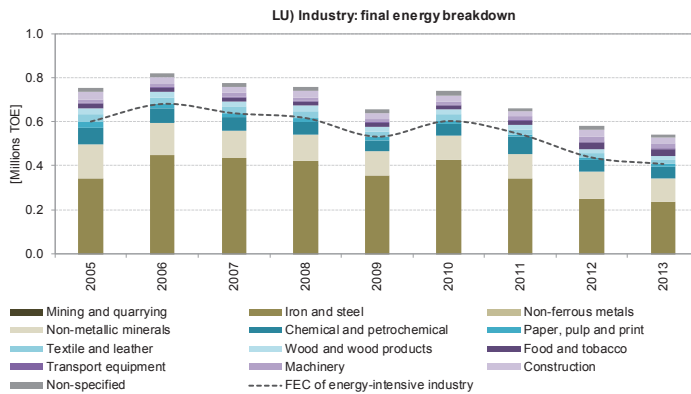
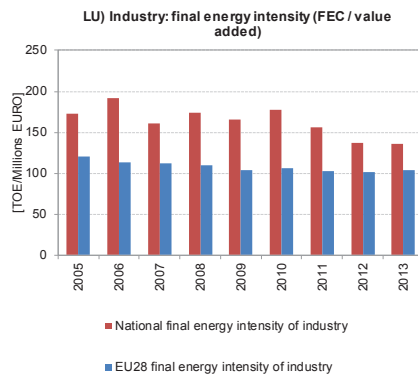
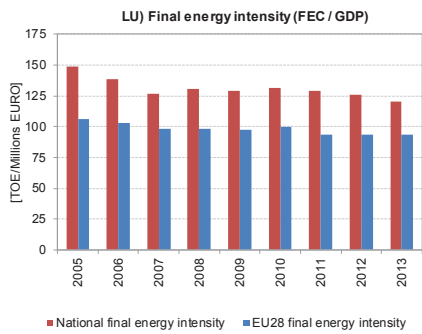
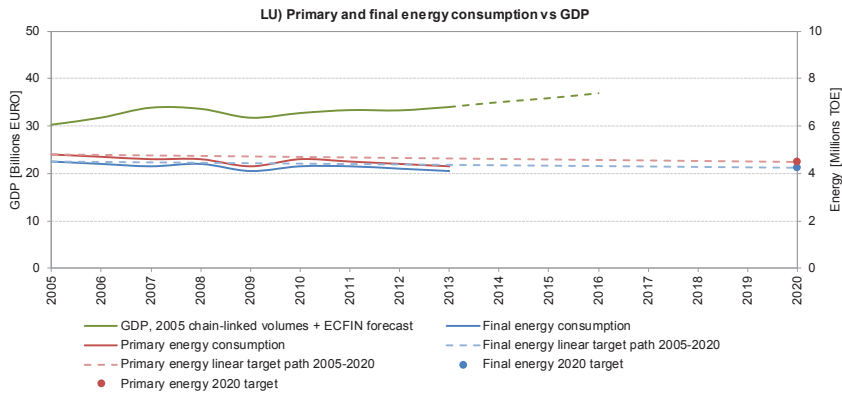


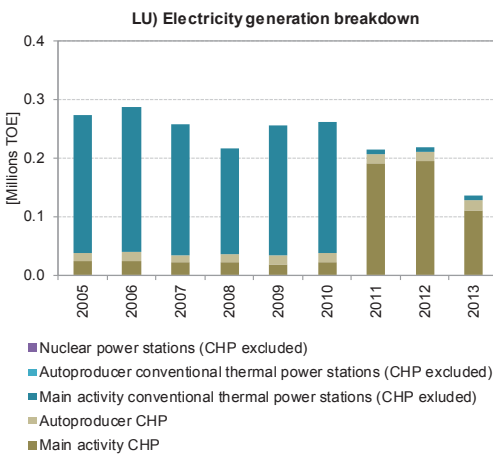
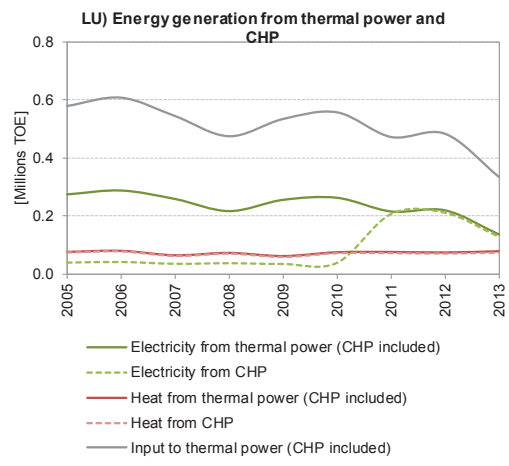
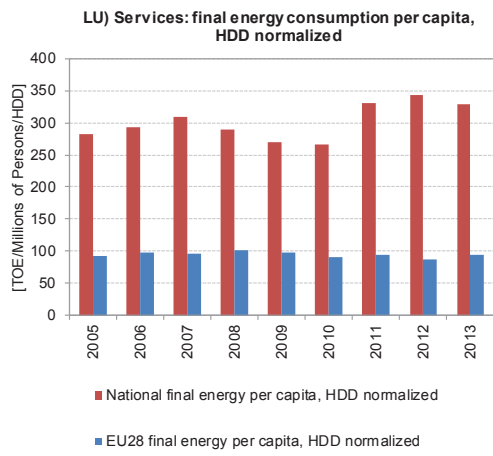
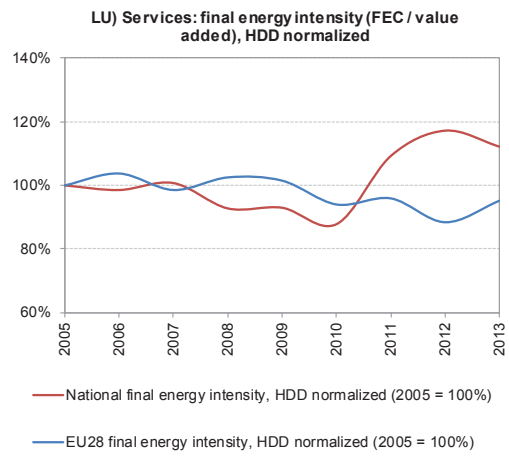
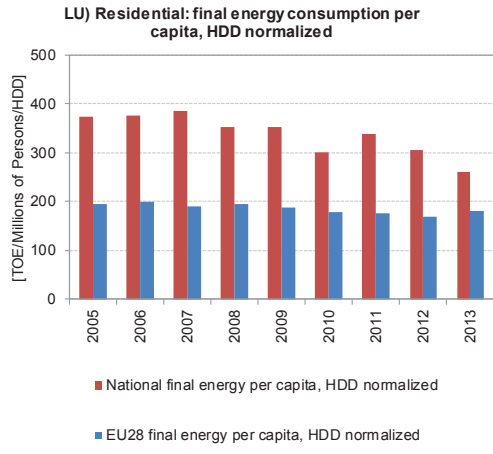
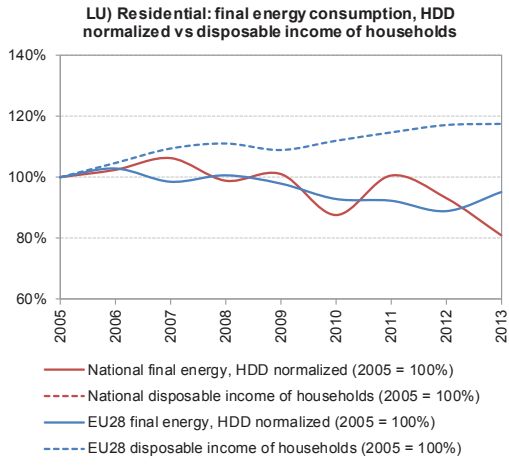
# 17. Lithuania





# 18. Luxembourg

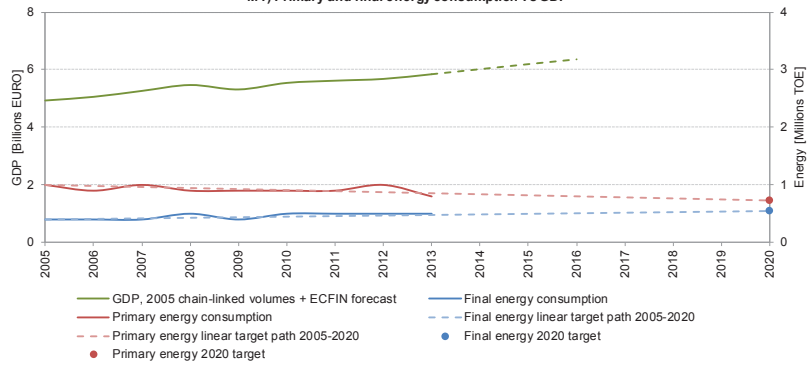




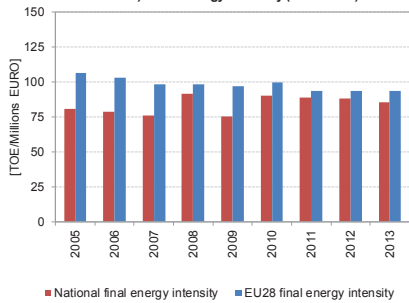


# 19. Malta

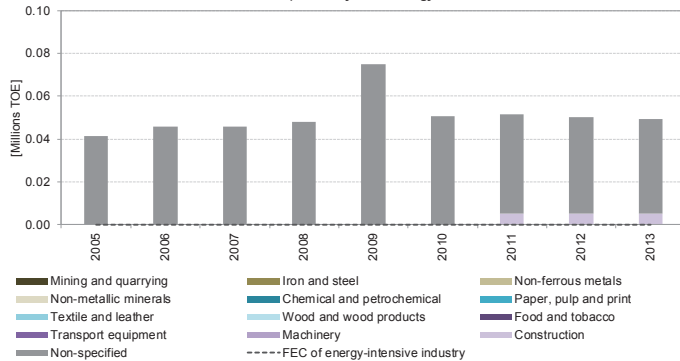
MT) Primary and final energy consumption vs GDP



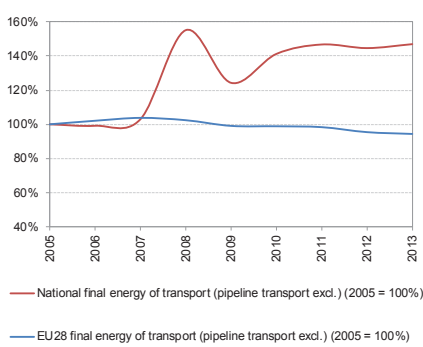
MT) Final energy intensity (FEC / GDP)



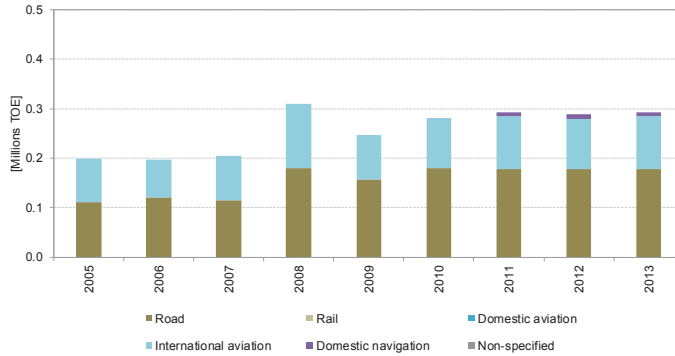
MT) Industry: final energy breakdown

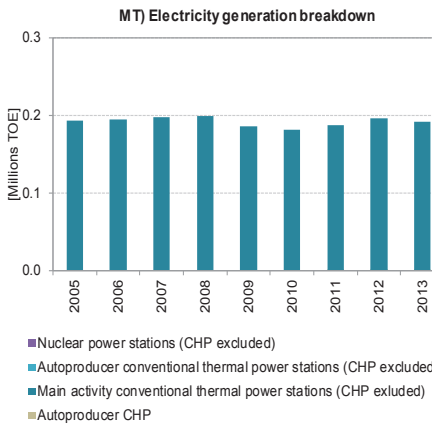
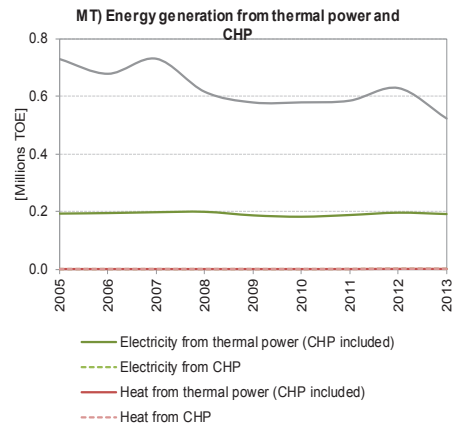
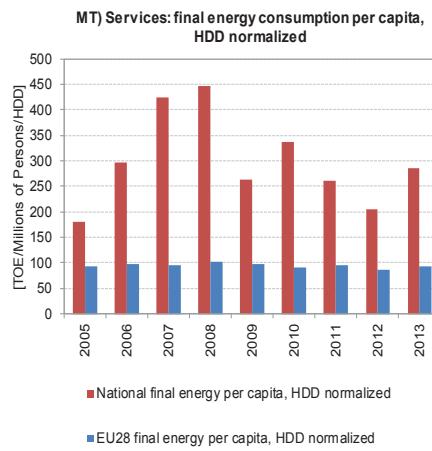
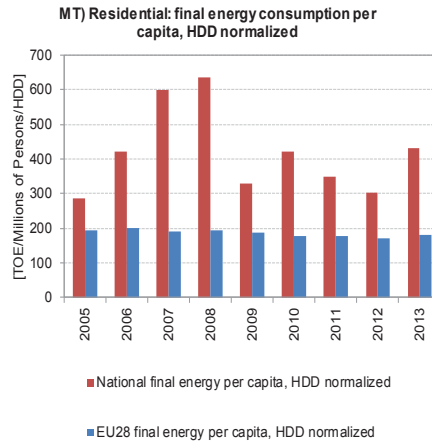
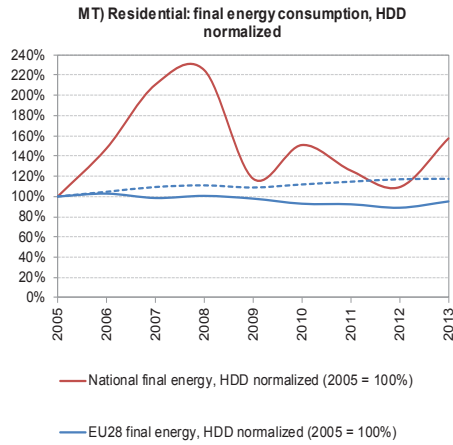


MT) Transport: final energy consumption

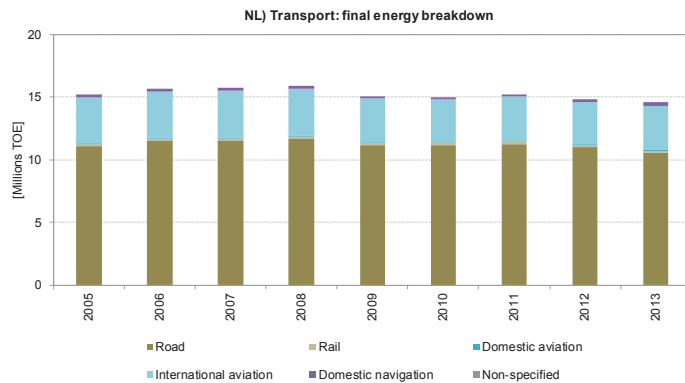
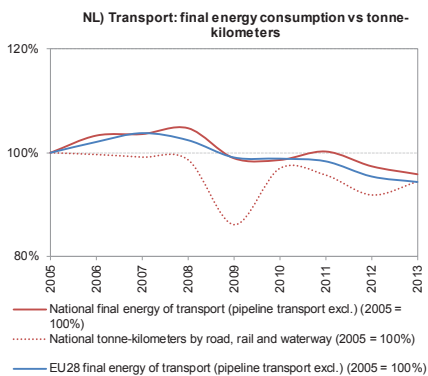
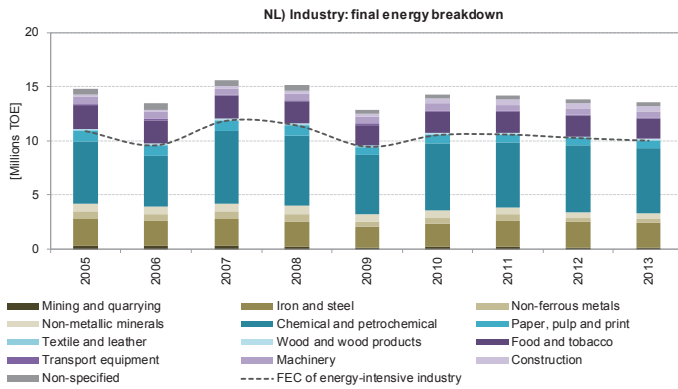
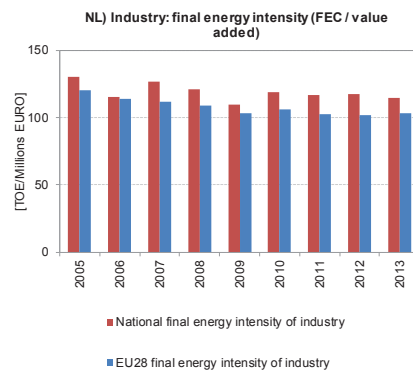
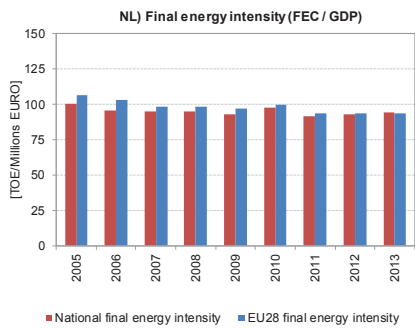
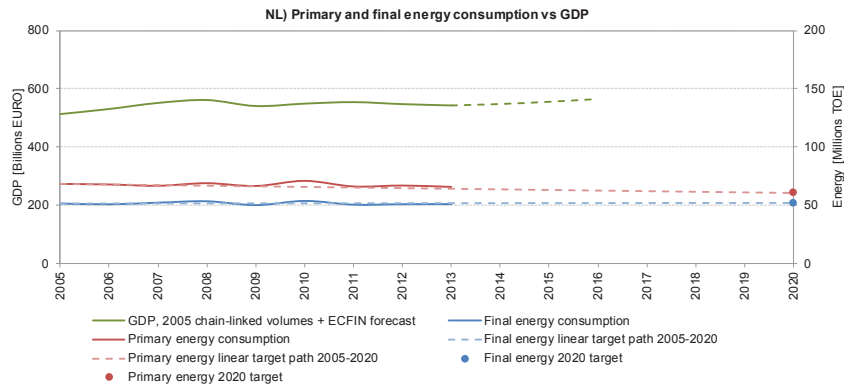


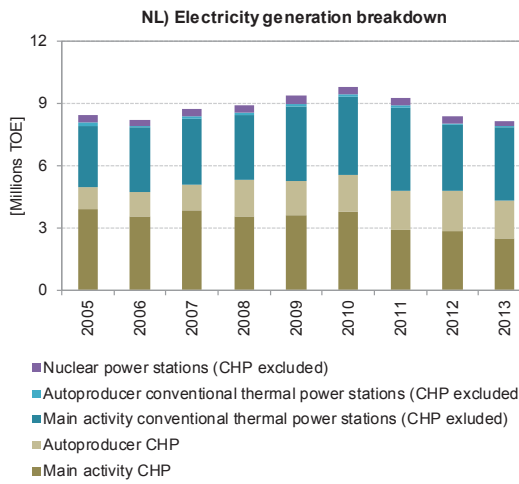
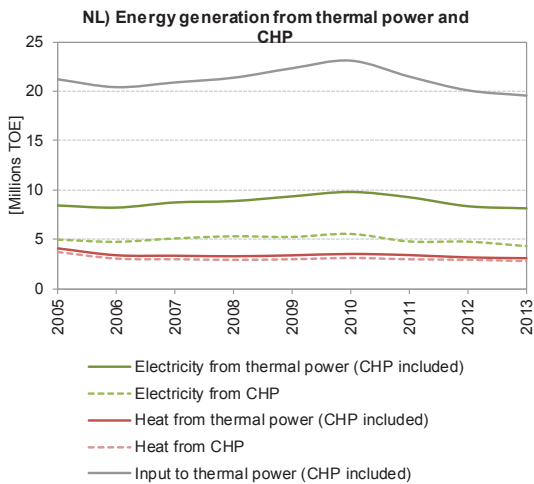
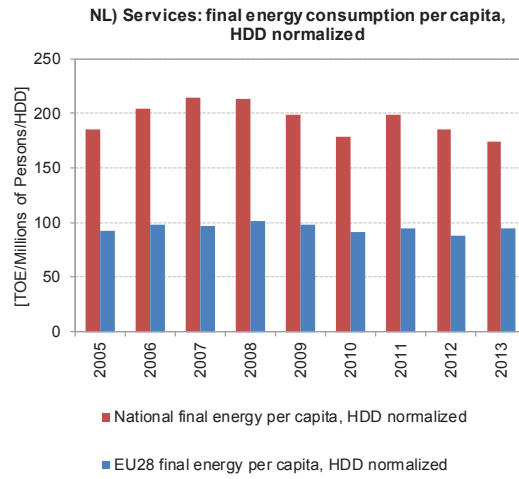
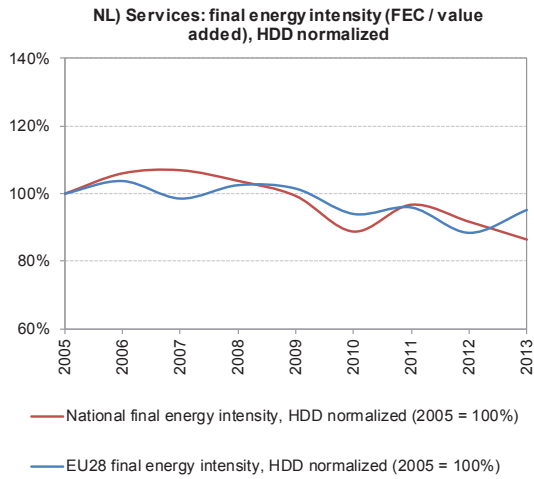
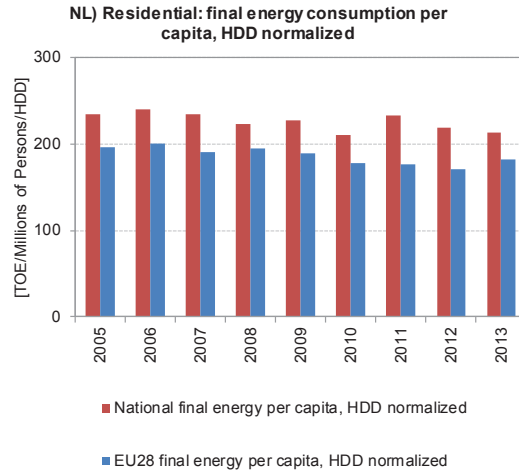
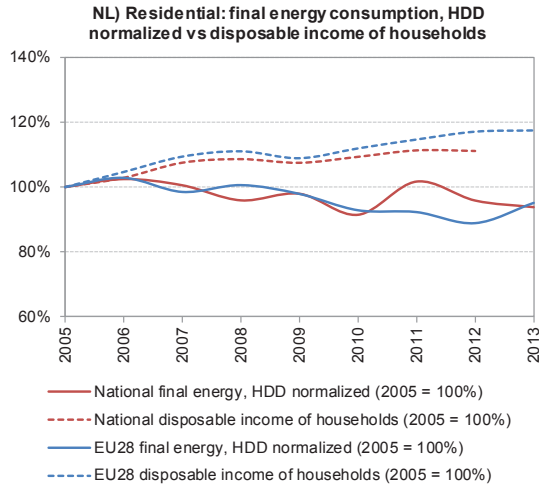
MT) Transport: final energy breakdown



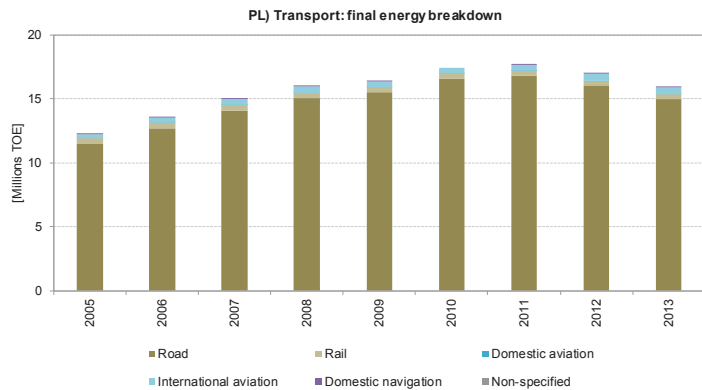
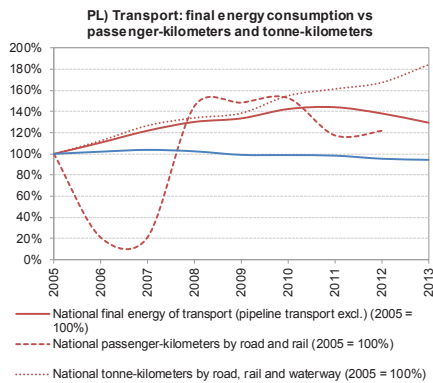
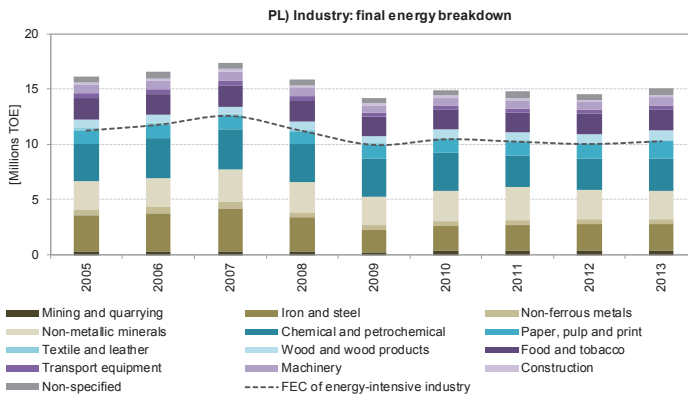
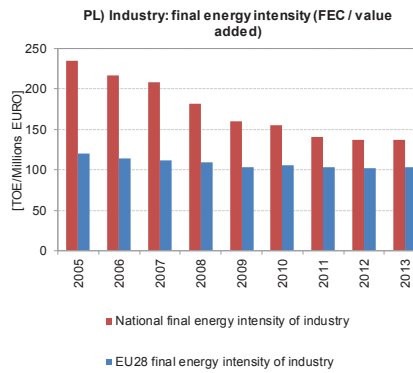
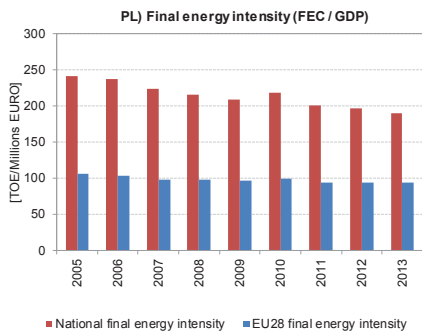
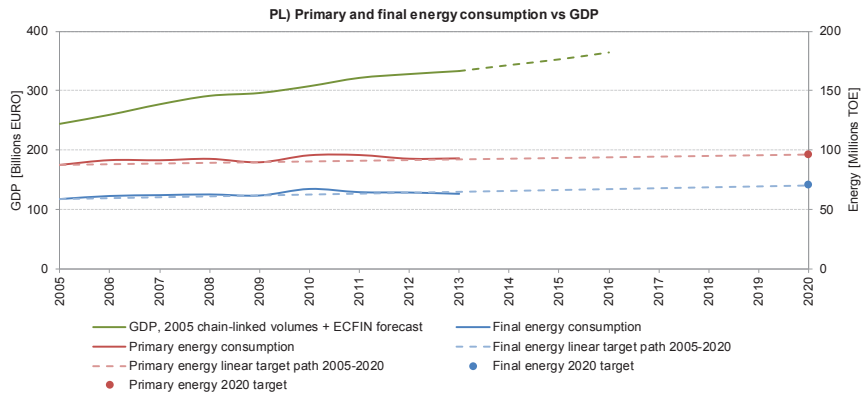


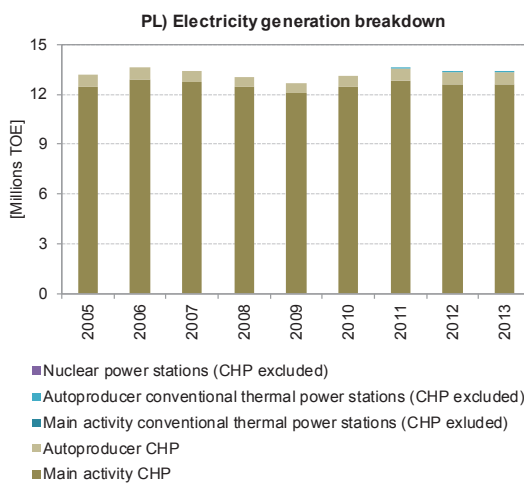
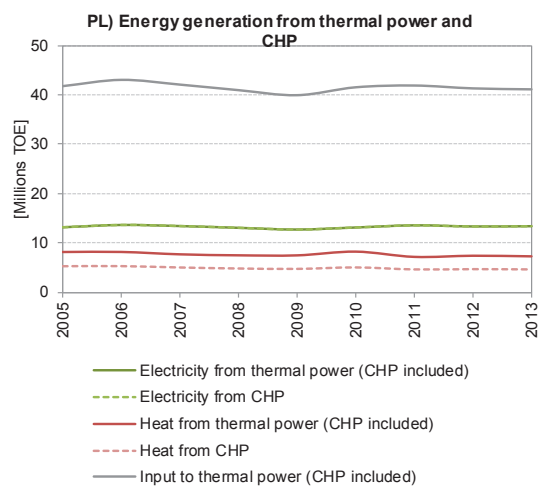
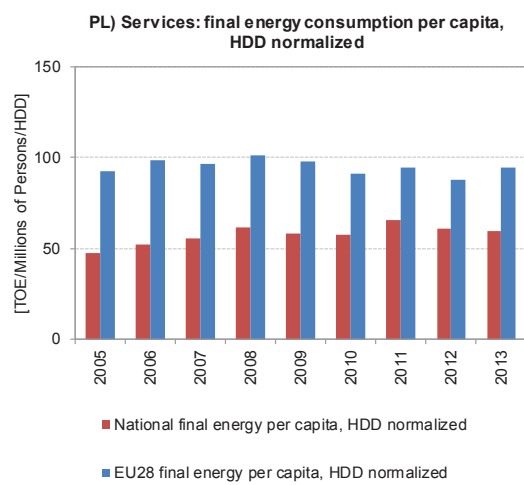
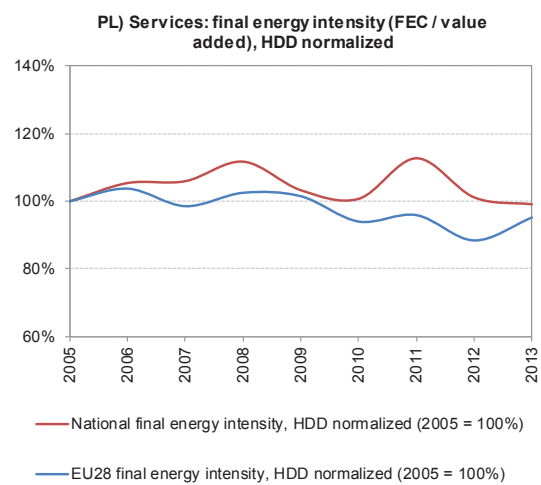
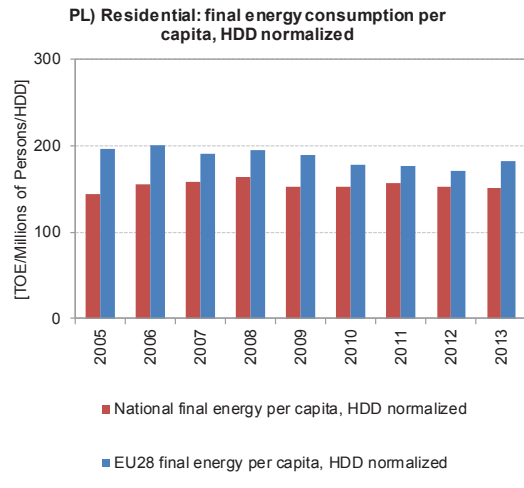
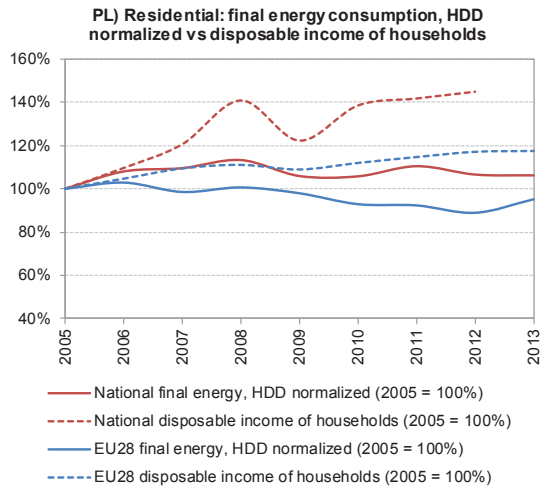
## 20. Netherlands



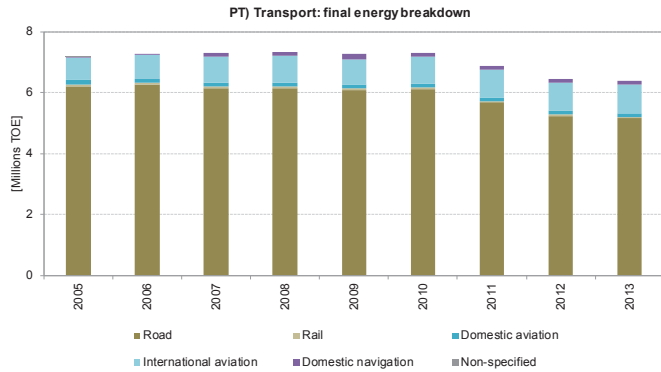
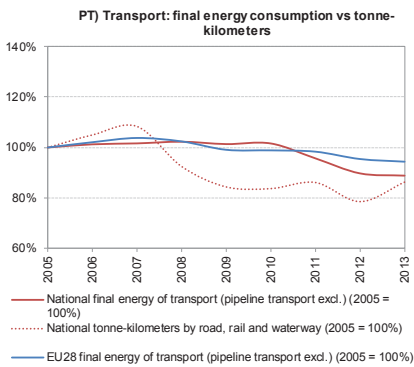
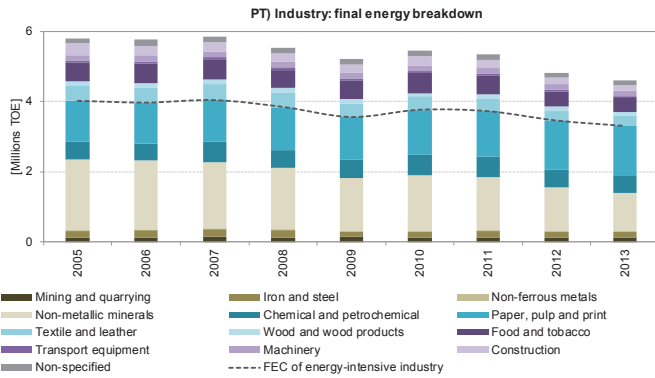
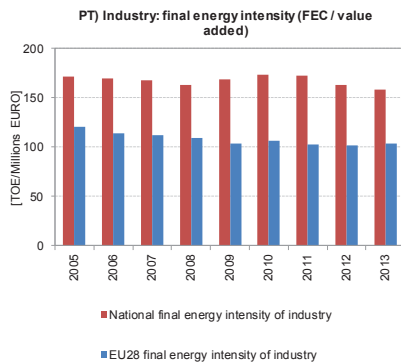
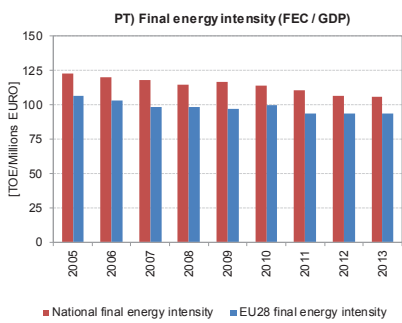
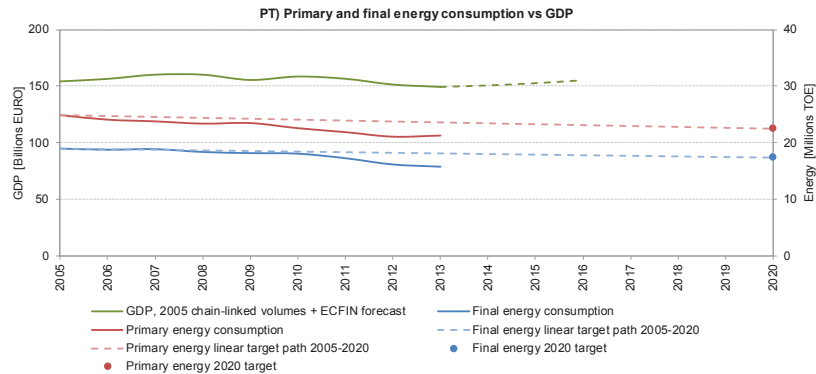


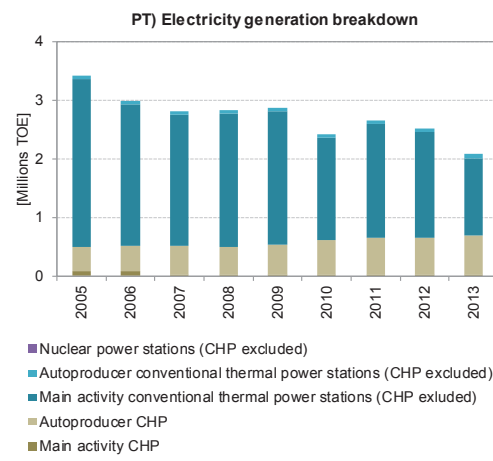
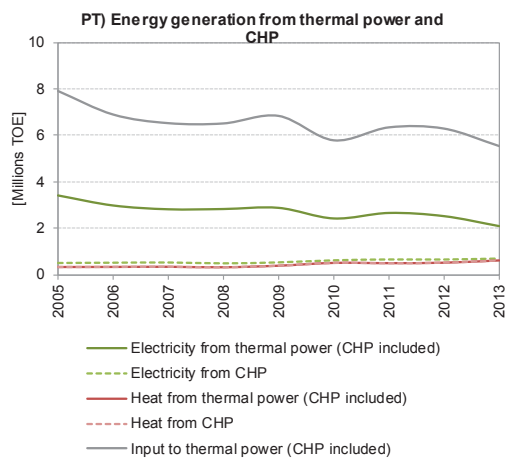
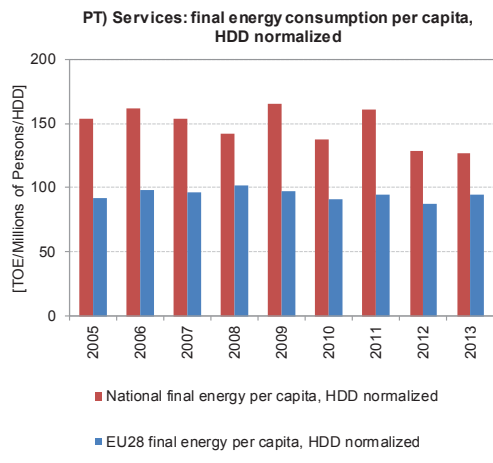
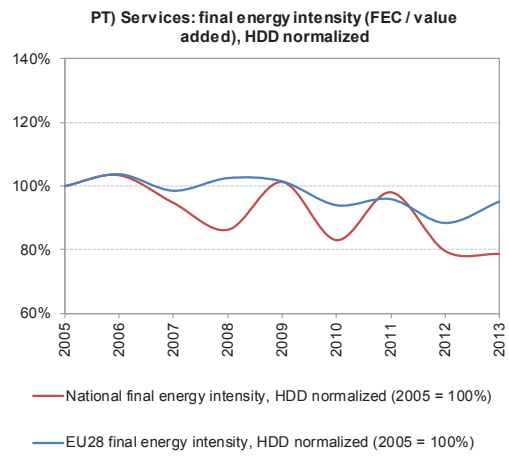
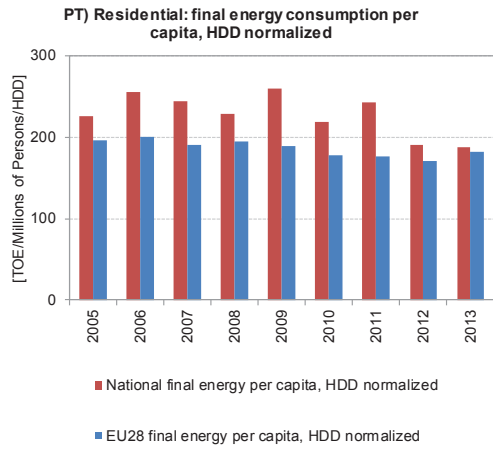
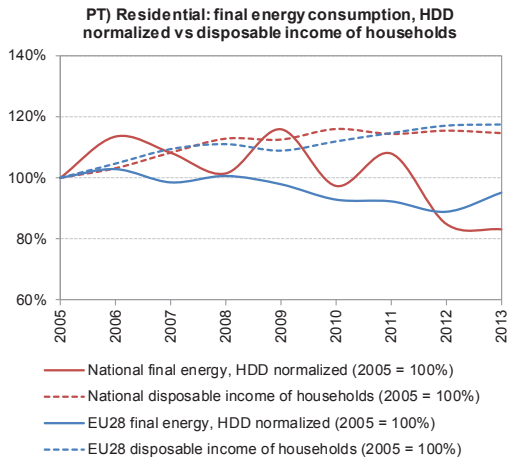
# 21. Poland





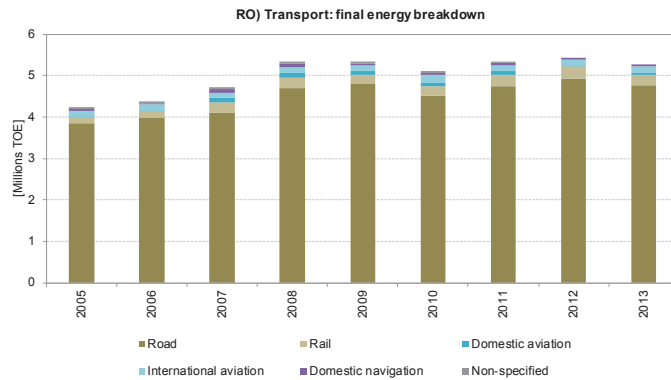
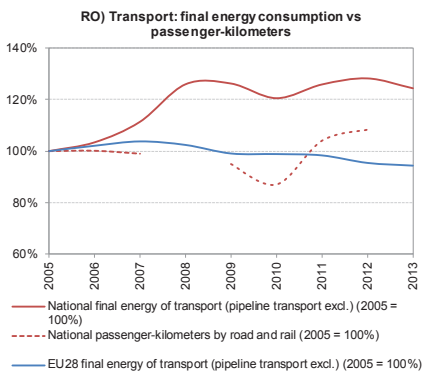
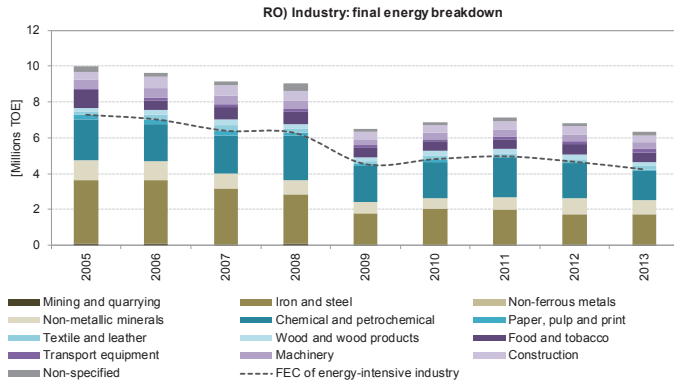
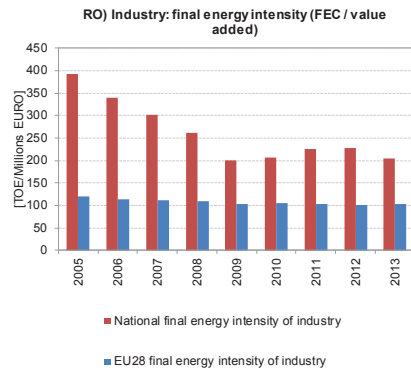
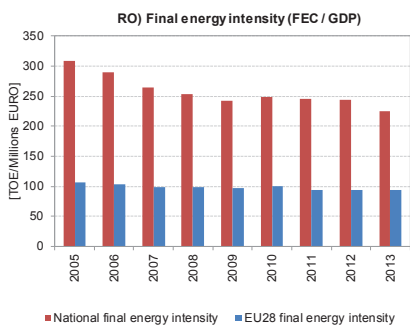
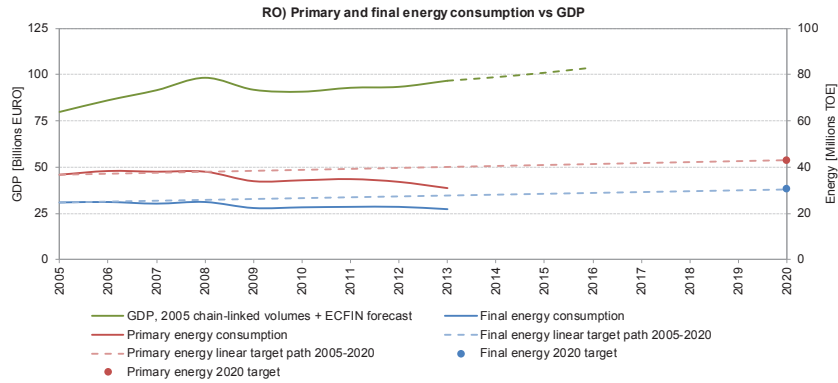
## 22. Portugal

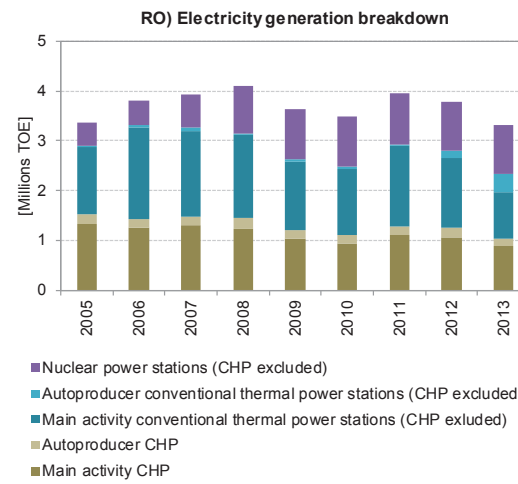
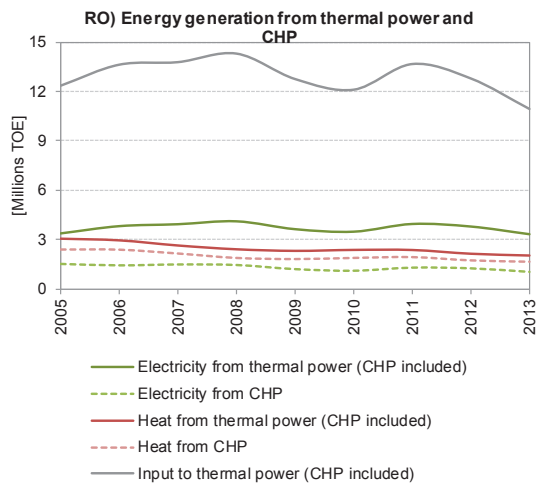
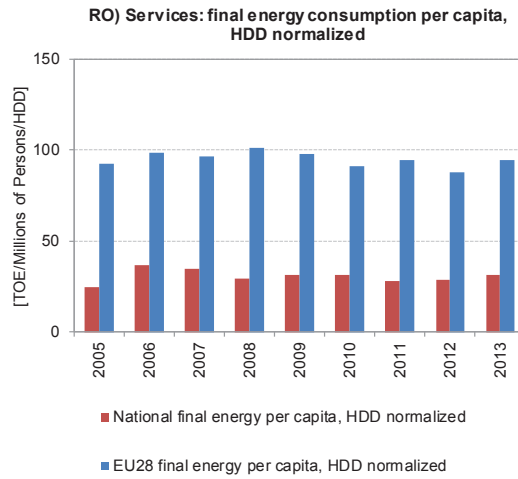
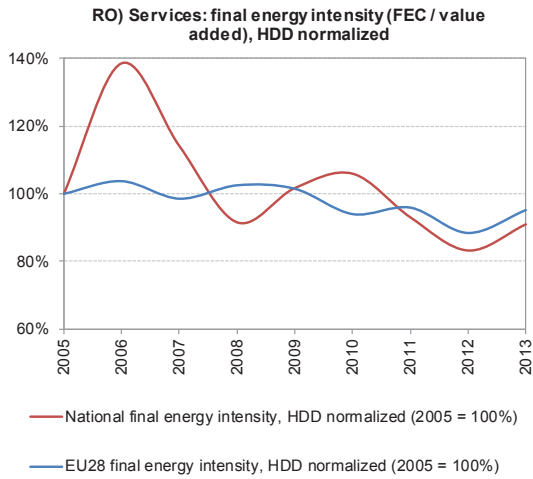
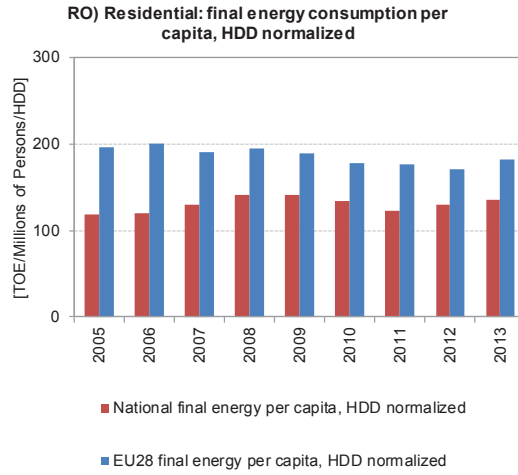
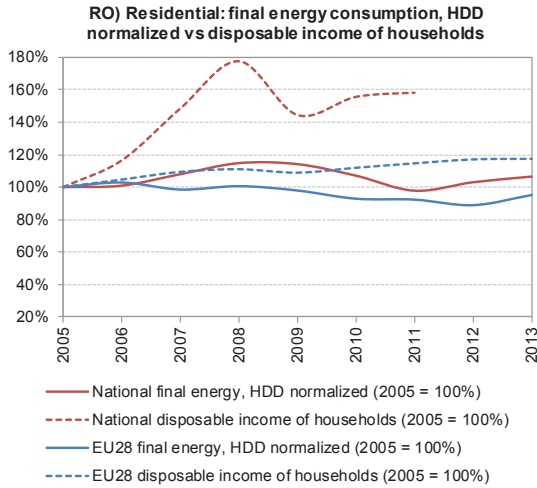




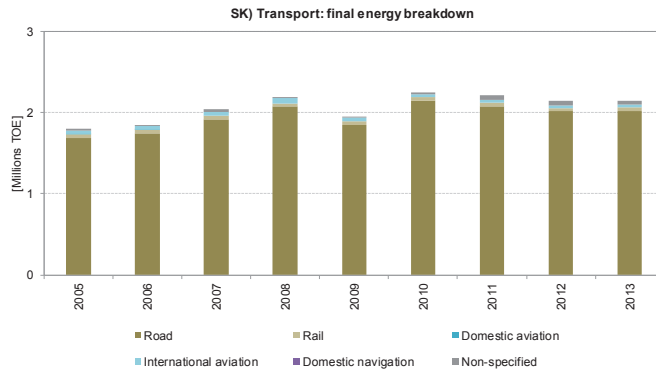
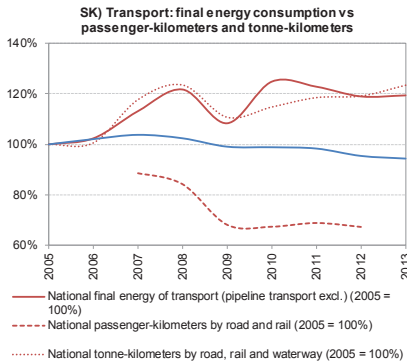
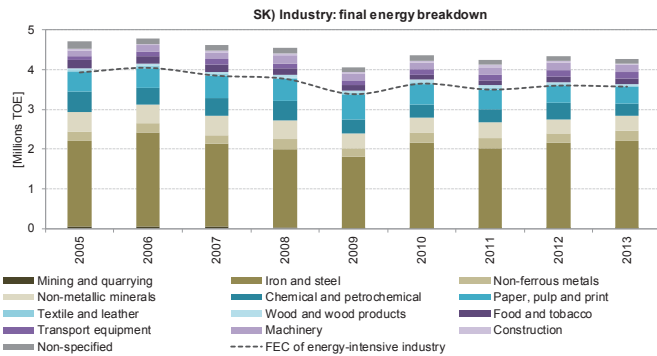
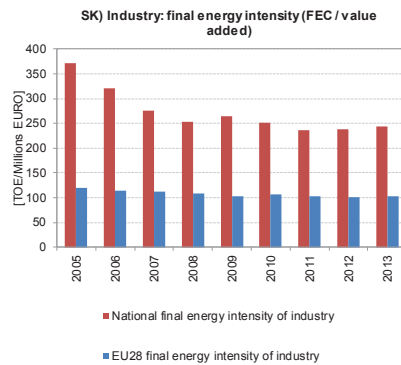
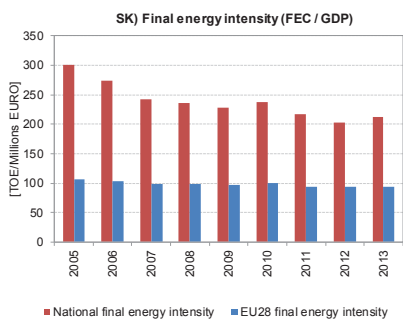
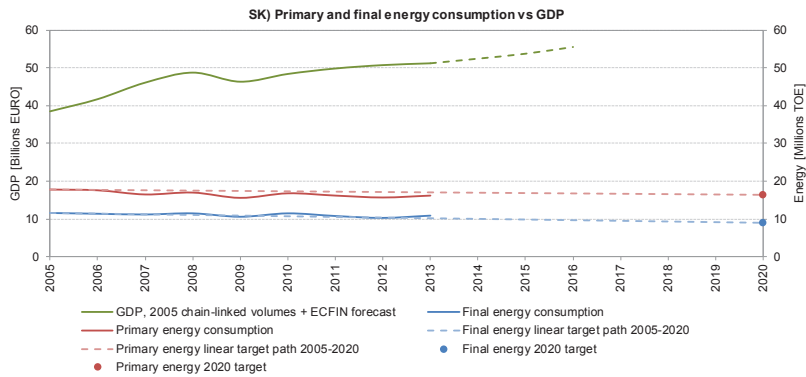


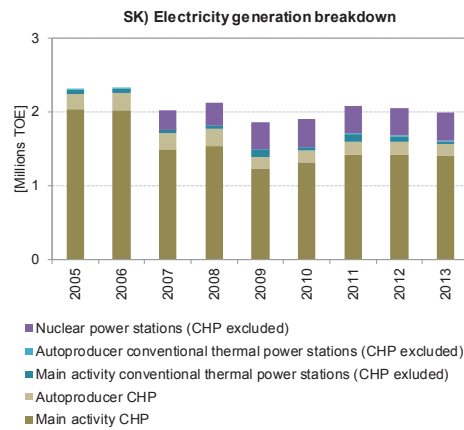
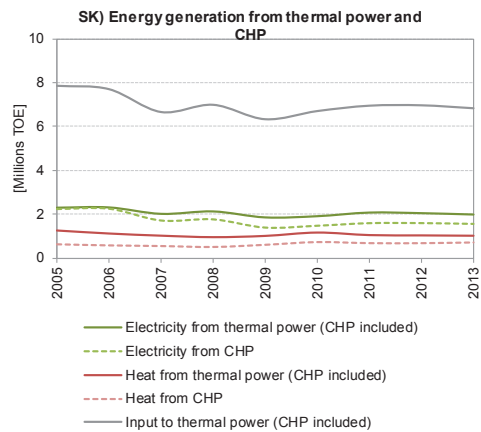
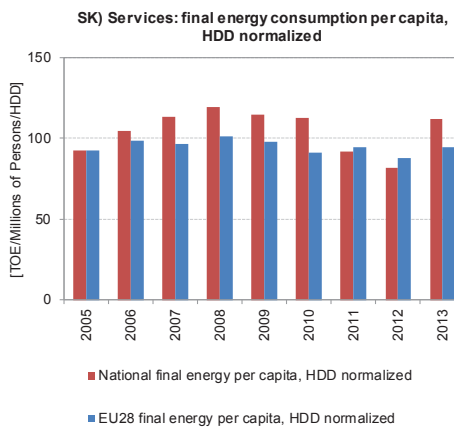
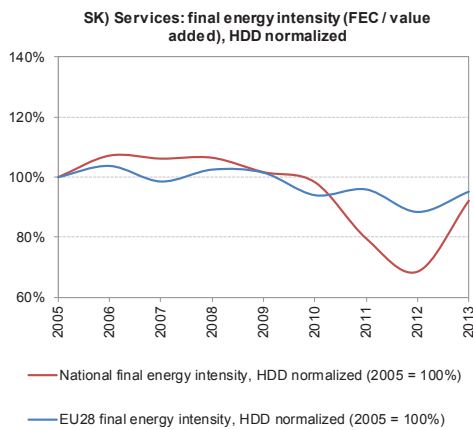
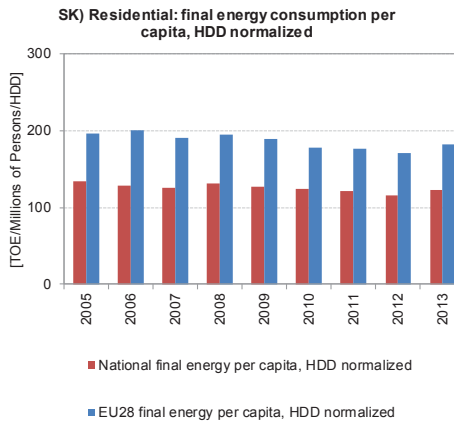
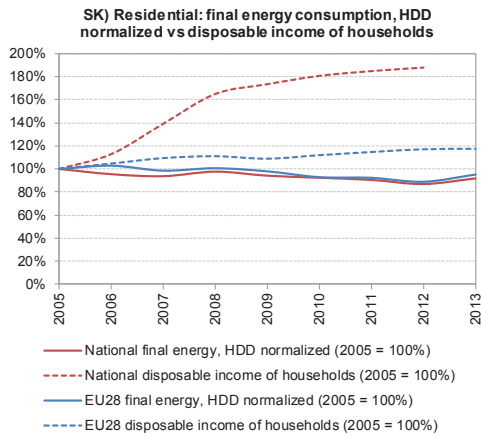
# 23. Romania



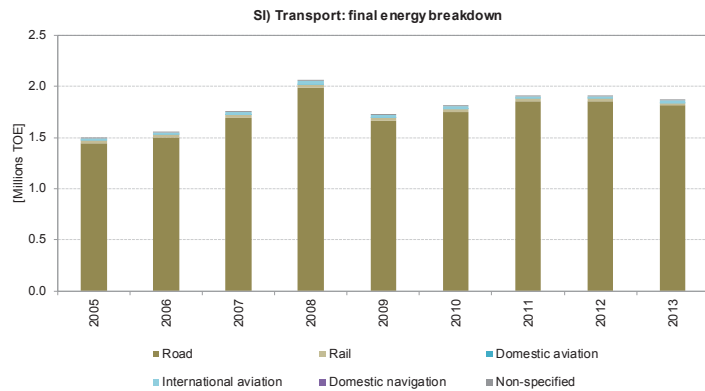
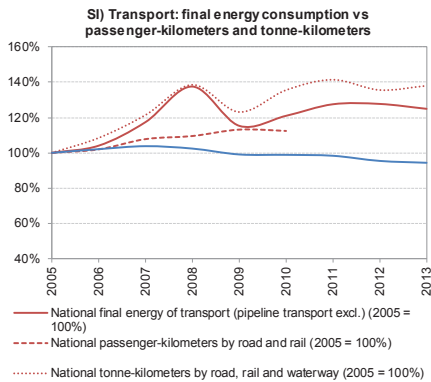
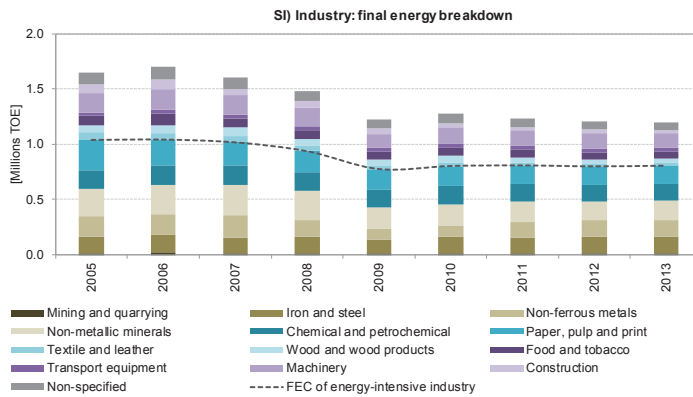
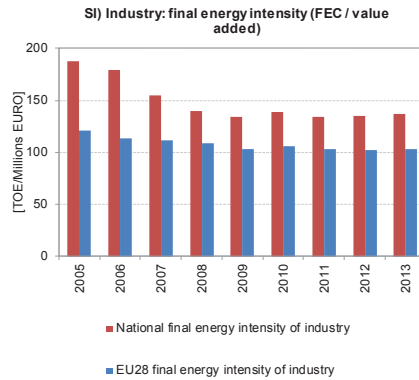
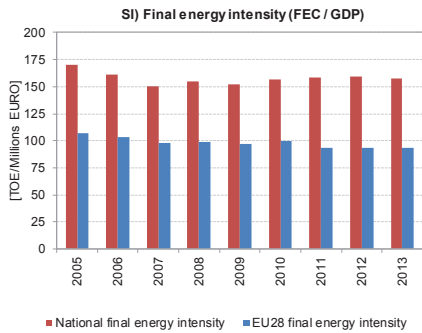
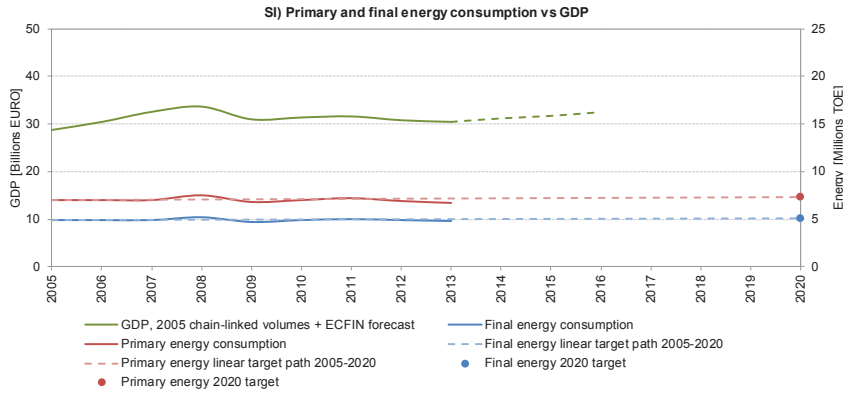


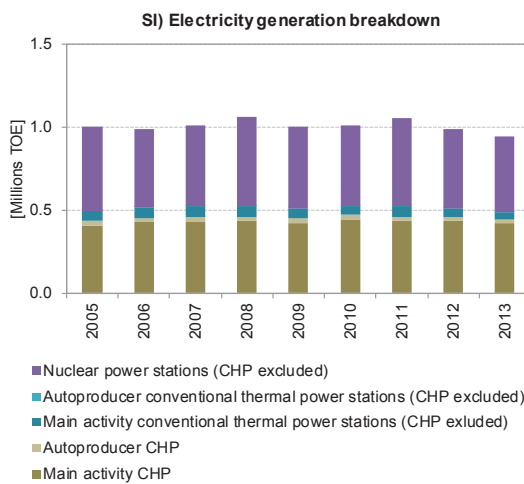
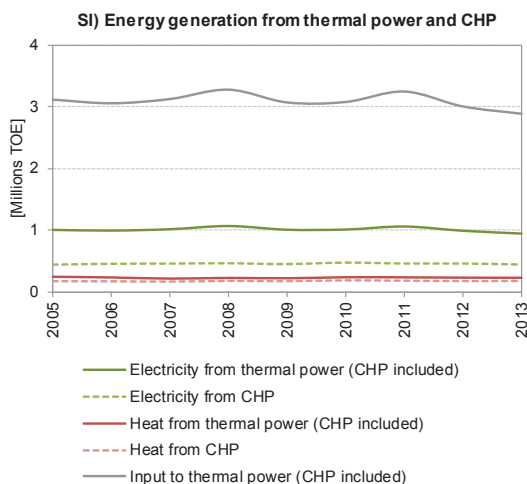
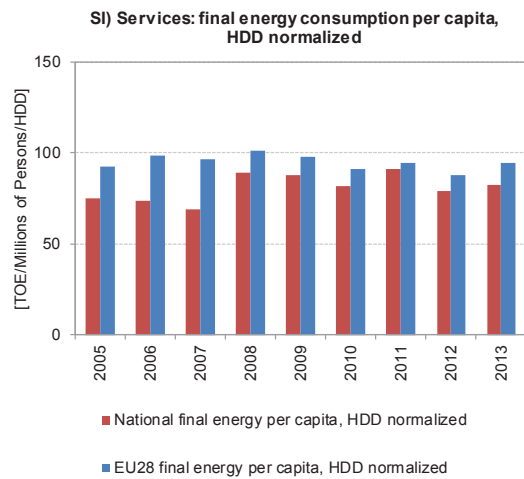
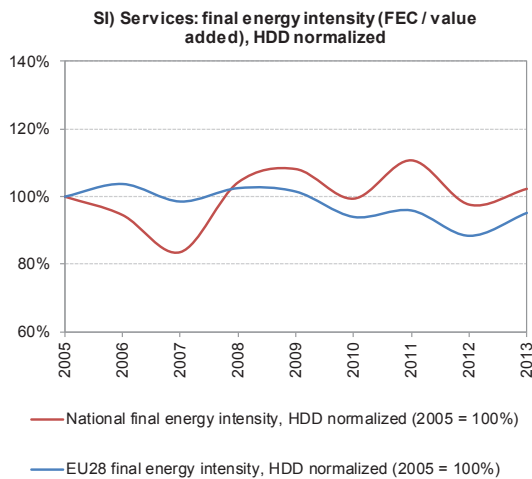
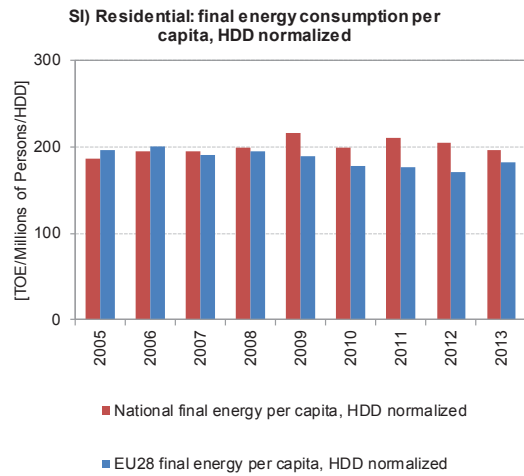
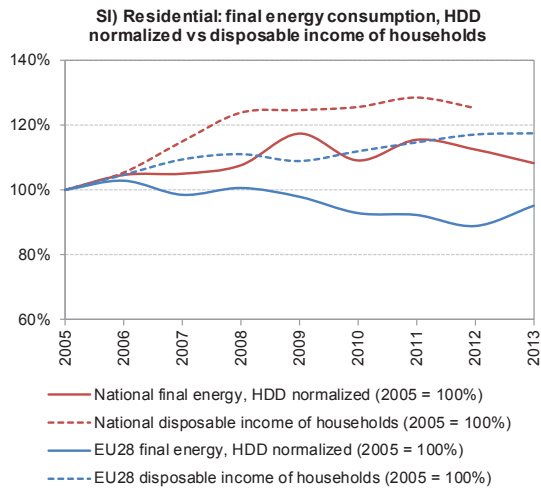
## 24. Slovakia



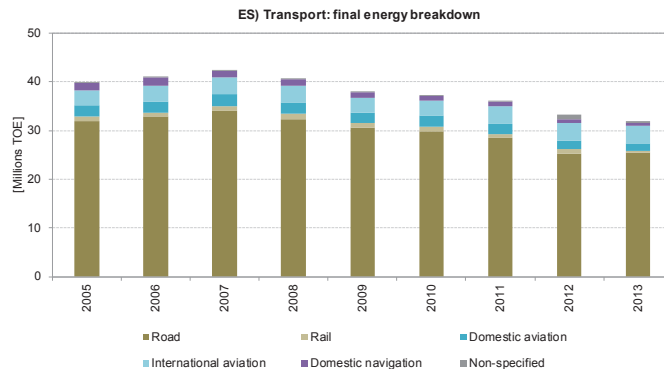
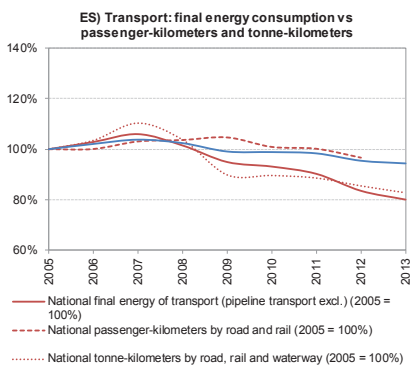
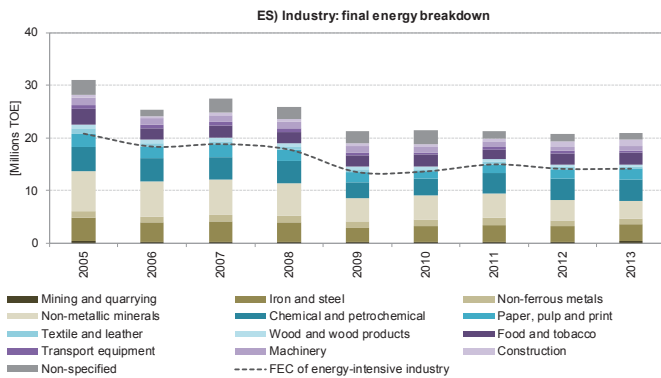
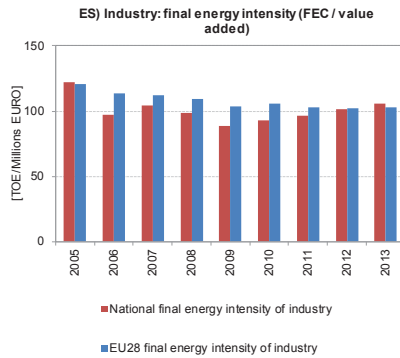
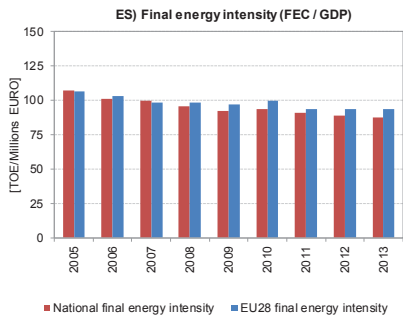
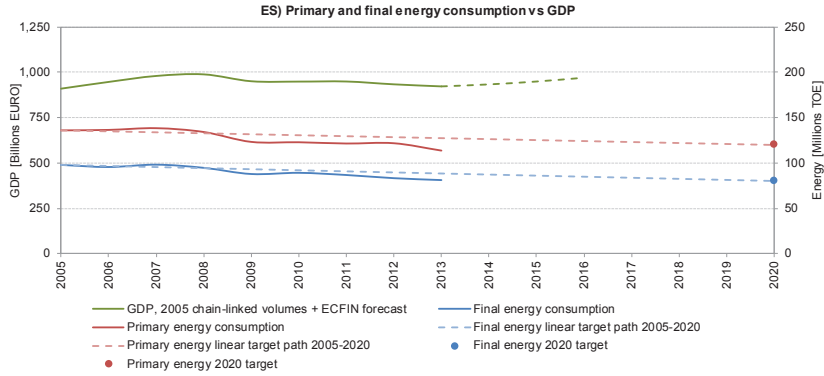


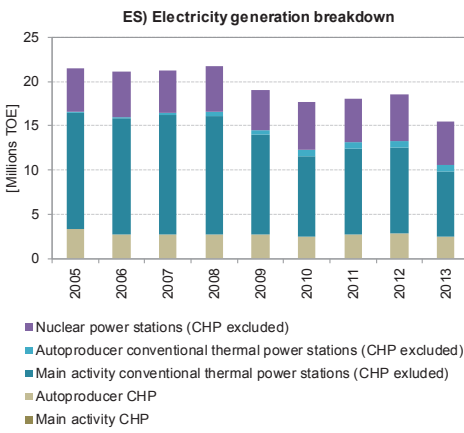
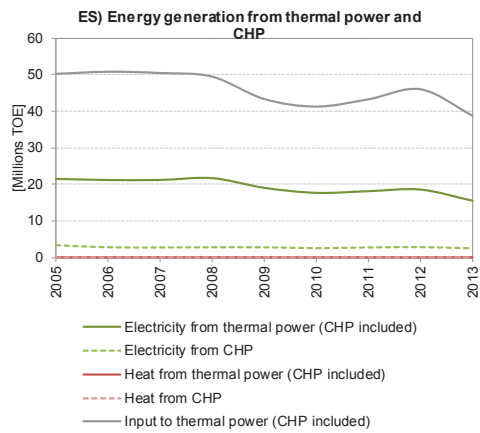
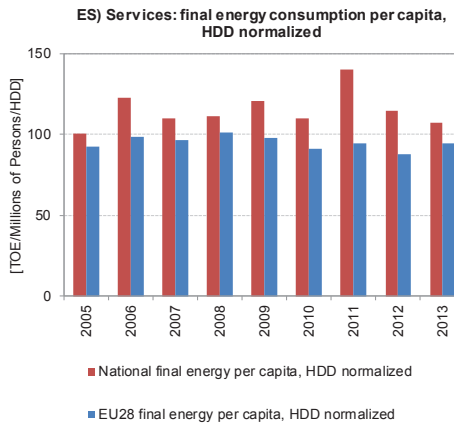
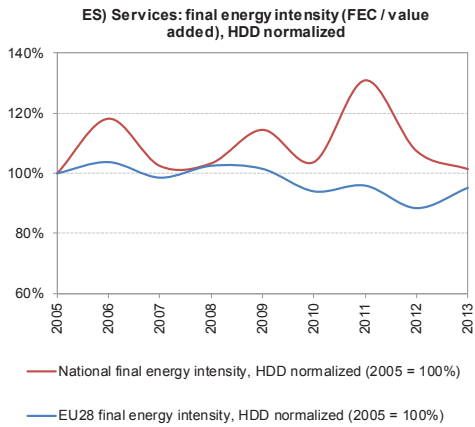
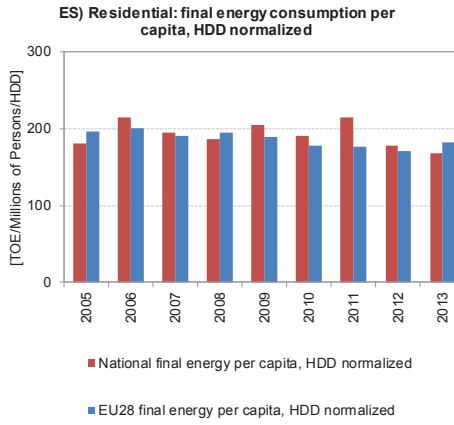
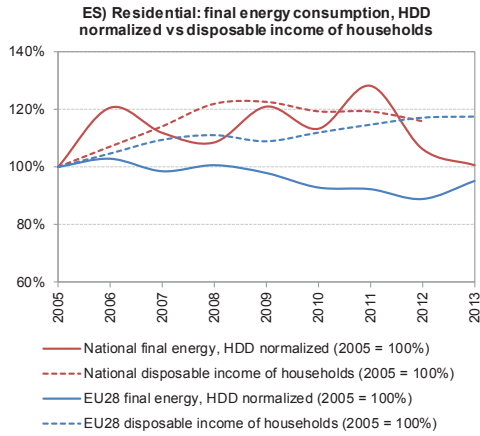
## 25. Slovenia





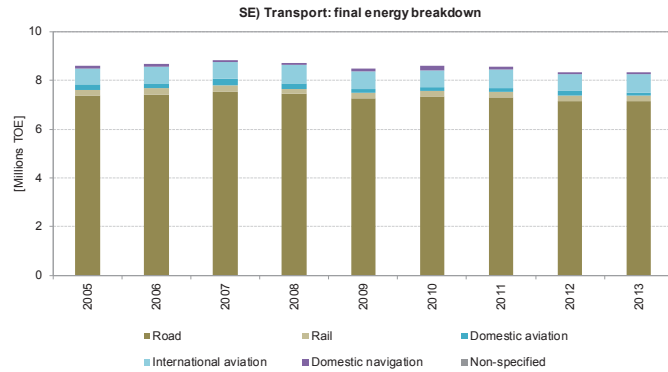
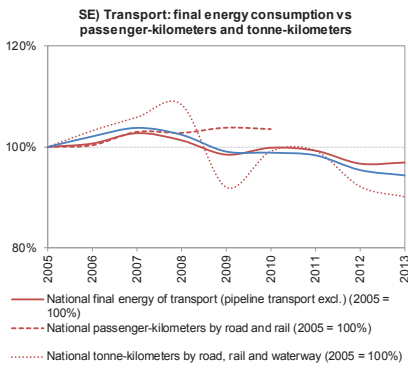
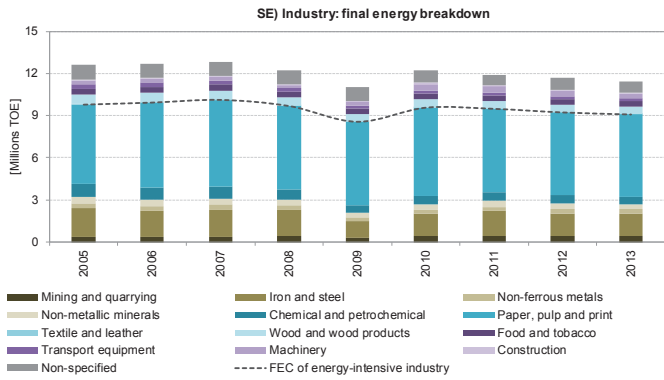
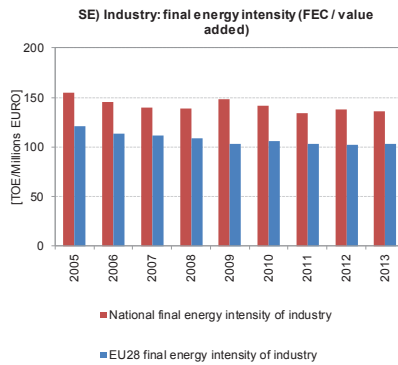
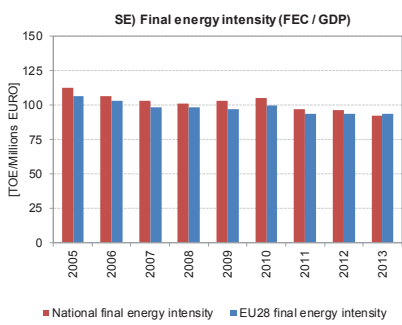
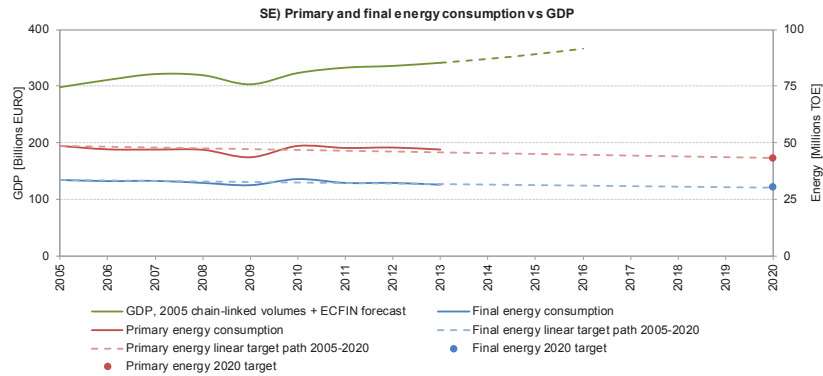
## 26. Spain



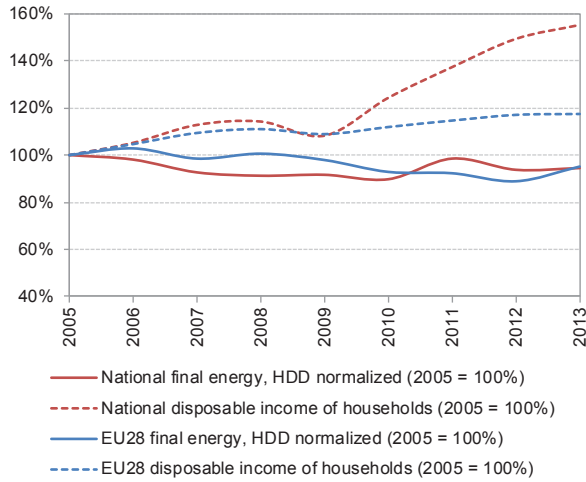




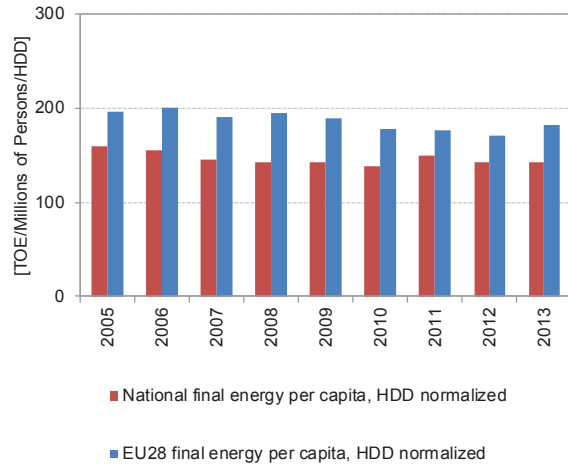
# 27. Sweden



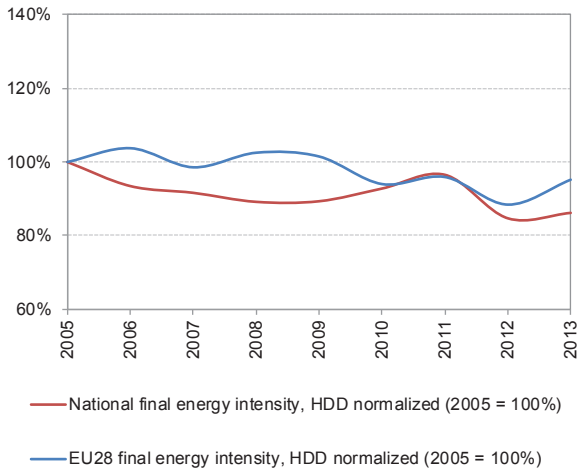
**SE) Residential: final energy consumption, HDD normalized vs disposable income of households**



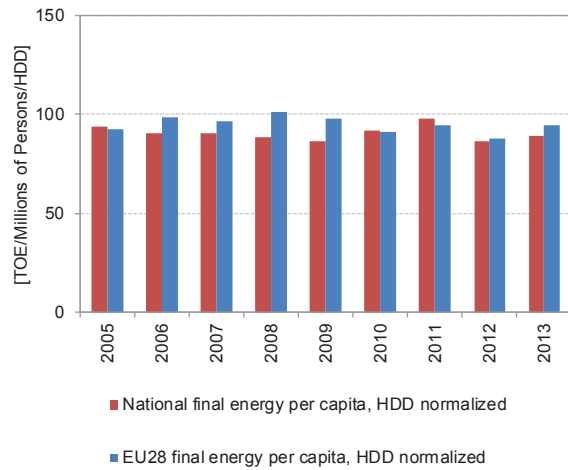
**SE) Residential: final energy consumption per capita, HDD normalized**



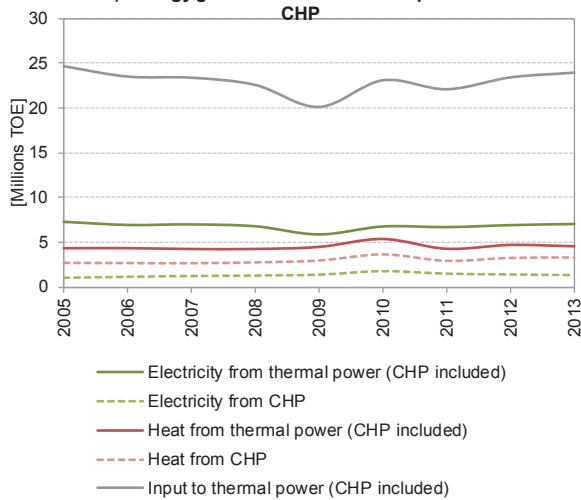
**SE) Services: final energy intensity (FEC / value added), HDD normalized**



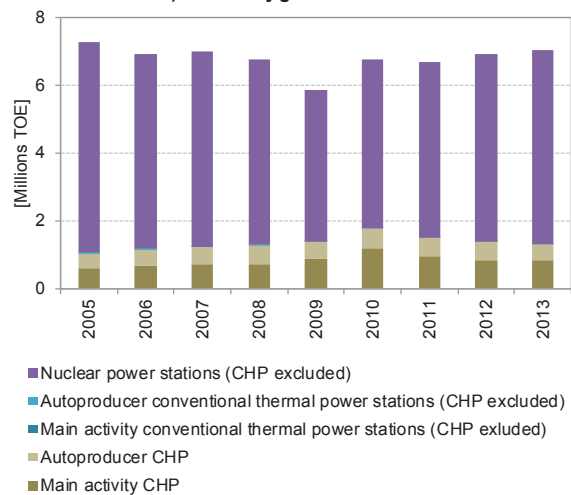
**SE) Services: final energy consumption per capita, HDD normalized**



**SE) Energy generation from thermal power and CHP**

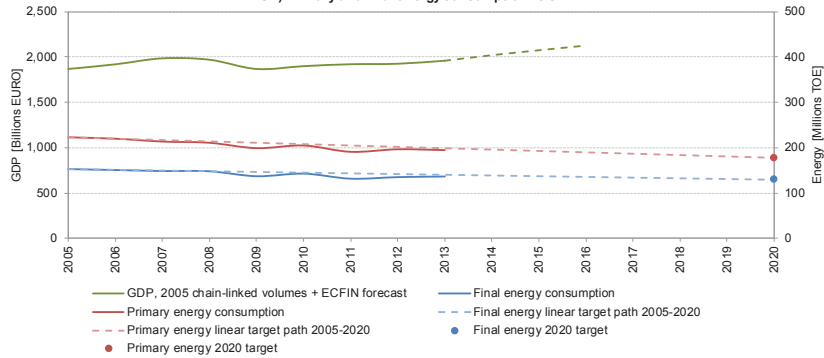


**SE) Electricity generation breakdown**

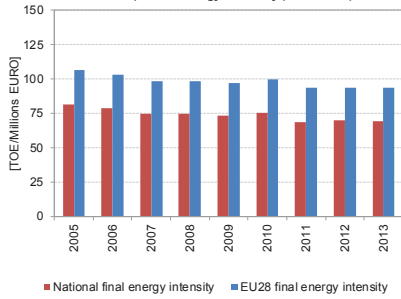


# 28. UK

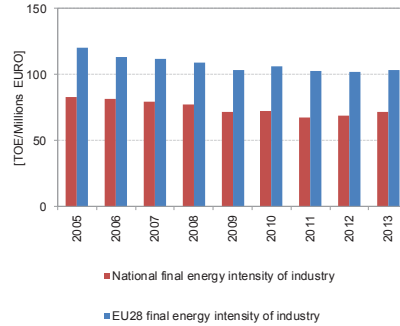
UK) Primary and final energy consumption vs GDP



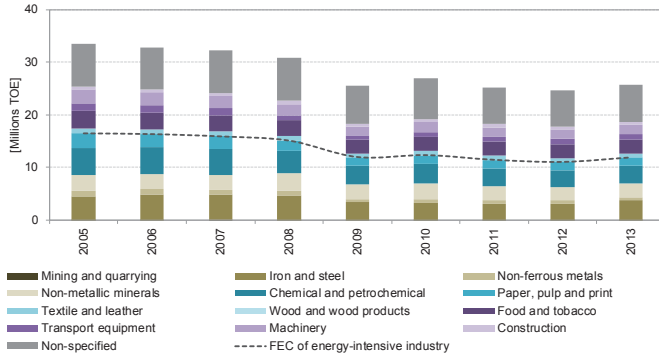
UK) Final energy intensity (FEC / GDP)



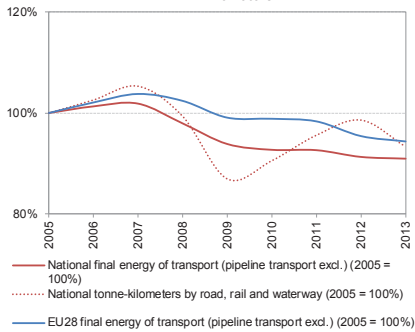
UK) Industry: final energy intensity (FEC / value added)



UK) Industry: final energy breakdown



UK) Transport: final energy consumption vs tonne-kilometers



UK) Transport: final energy breakdown

