



Council of the
European Union

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Brussels, 10 January 2019
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COVER NOTE

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| From: | Secretary-General of the European Commission, signed by Mr Jordi AYET PUIGARNAU, Director |
| date of receipt: | 9 January 2019 |
| To: | Mr Jeppe TRANHOLM-MIKKELSEN, Secretary-General of the Council of the European Union |

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| No. Cion doc.: | SWD(2019) 1 final - PART 9/11 |
| Subject: | COMMISSION STAFF WORKING DOCUMENT Accompanying the document REPORT FROM THE COMMISSION TO THE EUROPEAN PARLIAMENT, THE COUNCIL, THE EUROPEAN ECONOMIC AND SOCIAL COMMITTEE AND THE COMMITTEE OF THE REGIONS Energy prices and costs in Europe |

Delegations will find attached document SWD(2019) 1 final - PART 9/11.

Encl.: SWD(2019) 1 final - PART 9/11



EUROPEAN
COMMISSION

Brussels, 9.1.2019
SWD(2019) 1 final

PART 9/11

COMMISSION STAFF WORKING DOCUMENT

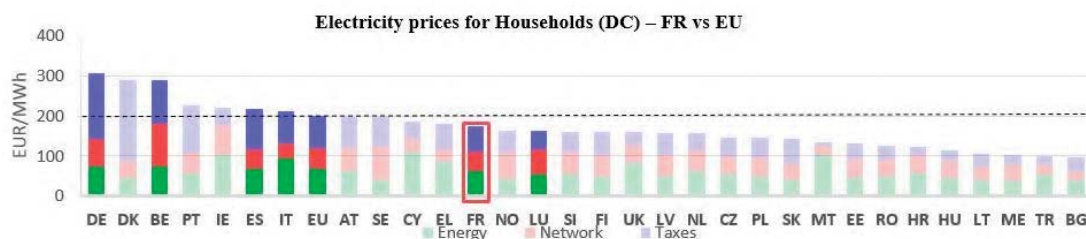
Accompanying the document

**REPORT FROM THE COMMISSION TO THE EUROPEAN PARLIAMENT, THE
COUNCIL, THE EUROPEAN ECONOMIC AND SOCIAL COMMITTEE AND THE
COMMITTEE OF THE REGIONS**

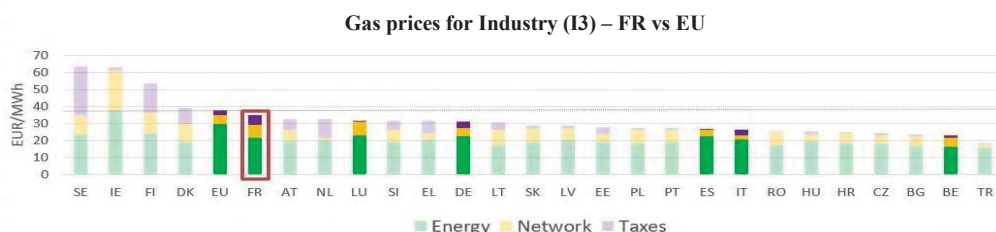
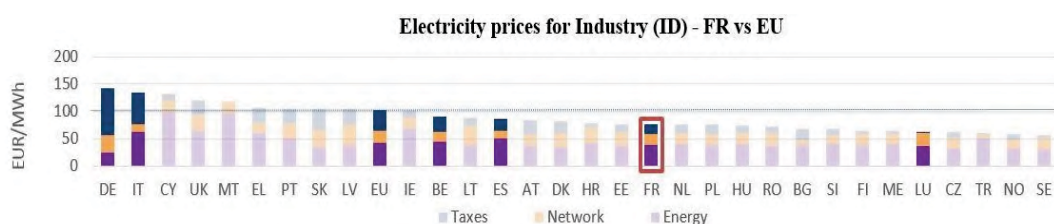
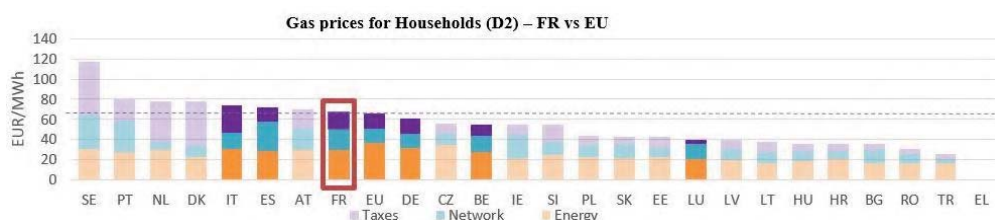
Energy prices and costs in Europe

{COM(2019) 1 final}

France



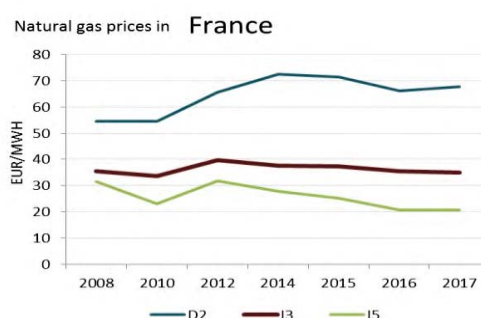
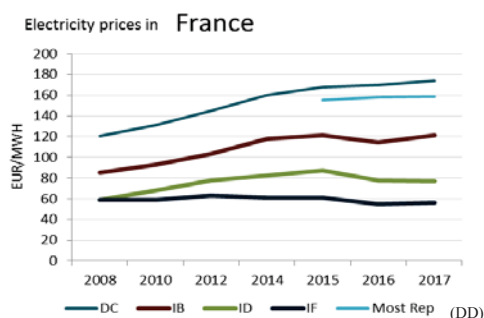
See footnote ¹



| Electricity | DC | IB | ID | IF |
|-------------|-----------|----------------|-----------------|----------------|
| | Household | Small Industry | Medium Industry | Large Industry |

| Gas | D2 | I3 | I5 |
|-----|-----------|-----------------|----------------|
| | Household | Medium Industry | Large Industry |

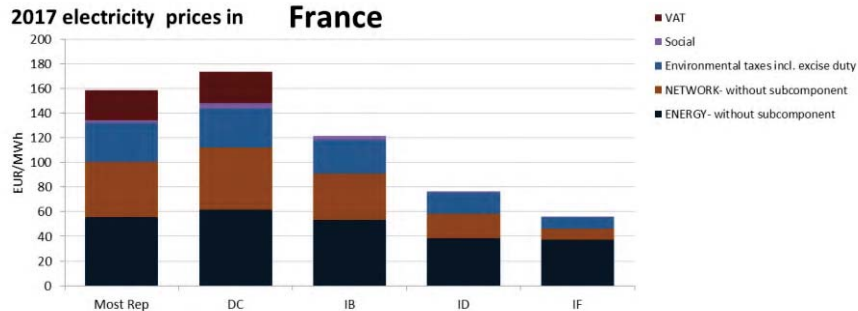
See footnote ²



¹ Neighbour countries and EU 28. No gas household prices available for Greece for 2017.

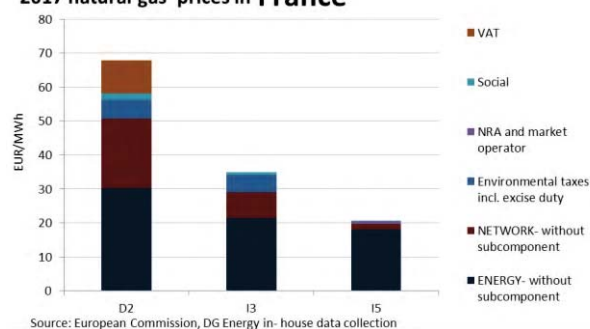
² Annual electricity consumption: DB 1 - 2.5 MWh, DC 2.5 - 5 MWh, DD 5 - 15 MWh, DE above 15 MWh, IB 20-500 MWh, ID 2000-20000 MWh, IF 70000-150000 MWh. Annual Gas consumption: D2 20-200 GJ, I3 10000-100000 GJ, I5 1 mil - 4 mil GJ.

2017 electricity prices in France



Source: European Commission, DG Energy in-house data collection

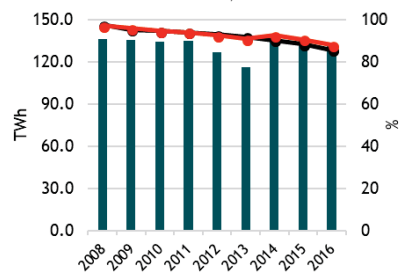
2017 natural gas prices in France



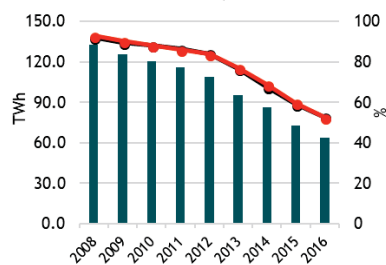
Source: European Commission, DG Energy in-house data collection

Price regulation

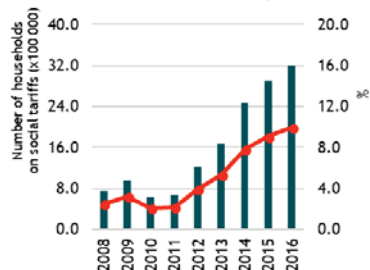
Price regulation in France, Electricity, Household (Price regulation still existent in 2016)



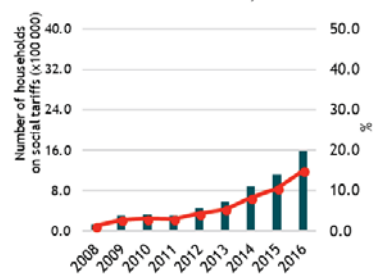
Price regulation in France, Gas, Household (Price regulation still existent in 2016)



Households on social tariffs in France, Electricity, Household (Price regulation still existent in 2016)

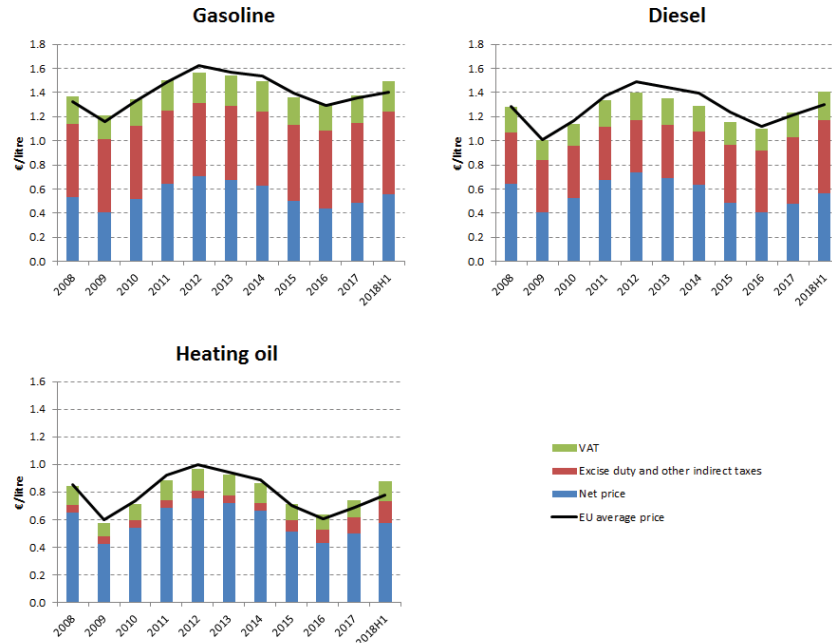


Households on social tariffs in France, Gas, Household (Price regulation still existent in 2016)



■ Volume of the consumption of consumers with regulated prices (TWh)
 ● Share of consumers with regulated prices (%)
 ● Share of the consumption of regulated consumers out of total consumption (%)
 — Regulation phased out in (if phased out between 2008-2016)

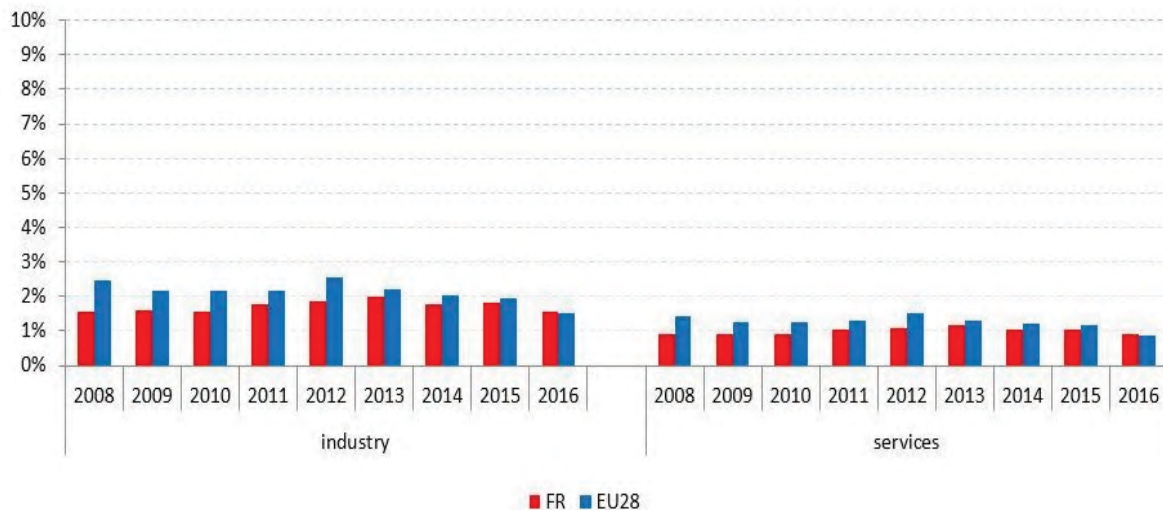
Oil product prices



Energy costs shares in total production costs

Share of energy costs in total production value in industry and services: FR vs. EU28

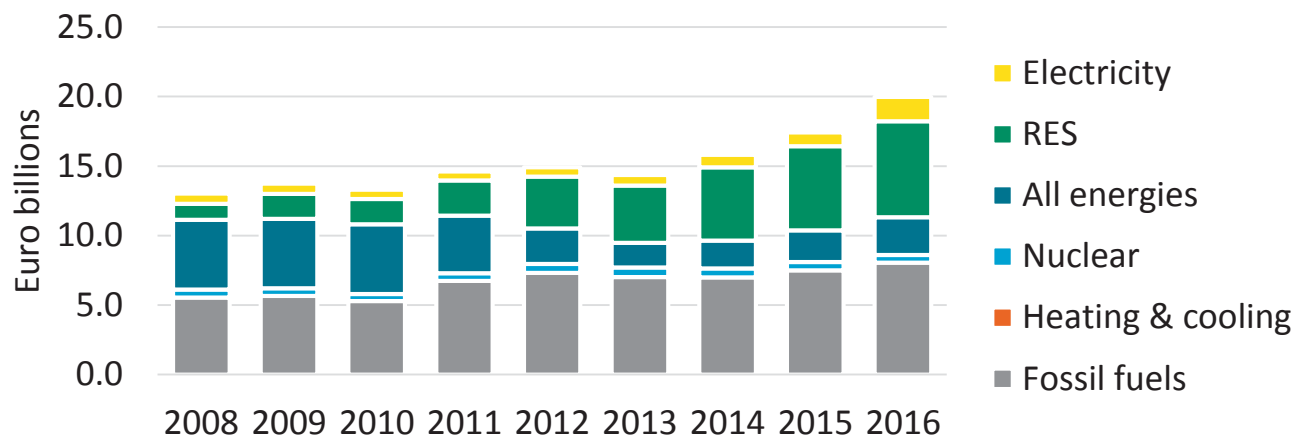
Source: ESTAT (SBS; NA), Primes, own calculations



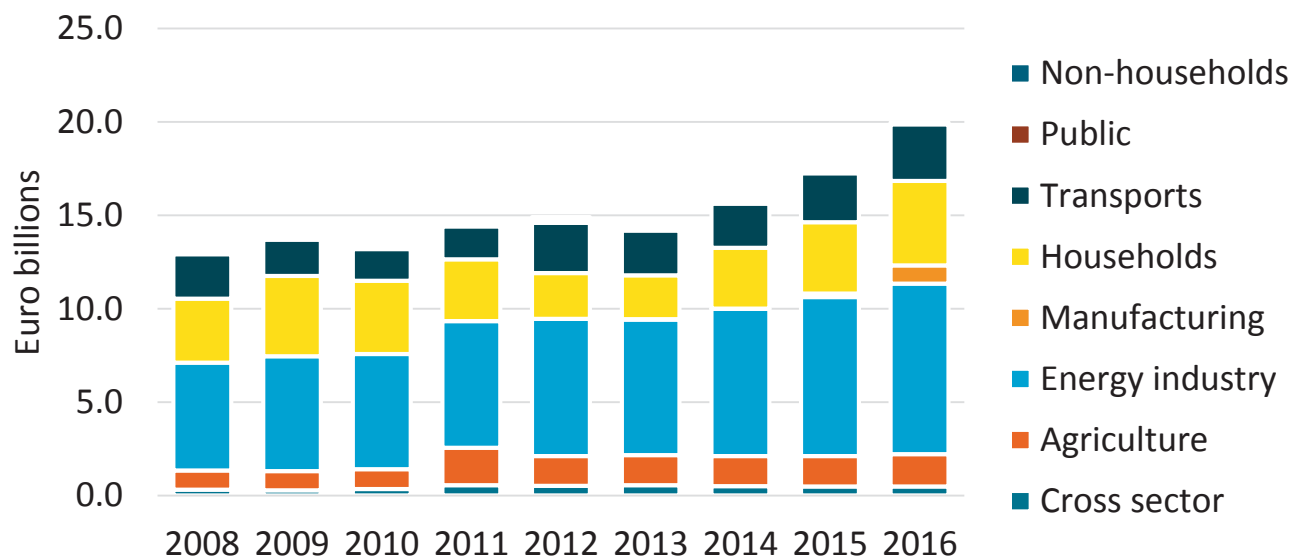
Notes: Data for Malta (prior to 2016), Poland (prior to 2015), Slovenia (prior to 2012) and Greece (prior to 2008) is not available. Data for Denmark, Sweden and the United Kingdom for 2016 was missing by the time of extraction

Financial support interventions

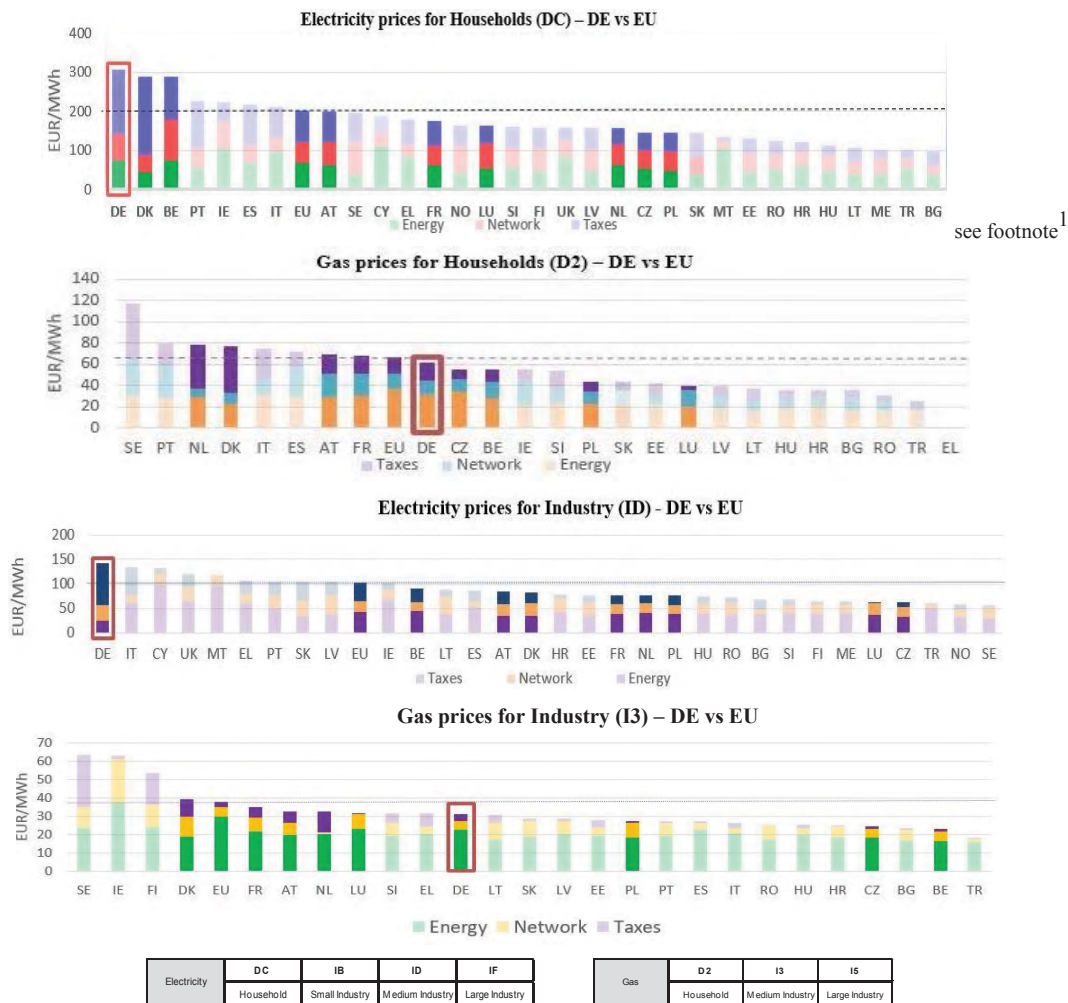
Financial support by energy/technology (billion euros)



Financial support by sector (billion euros)

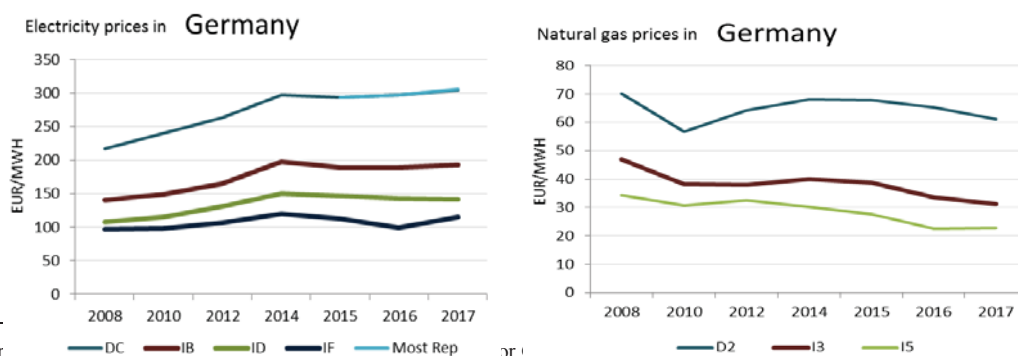


Germany



see footnote¹

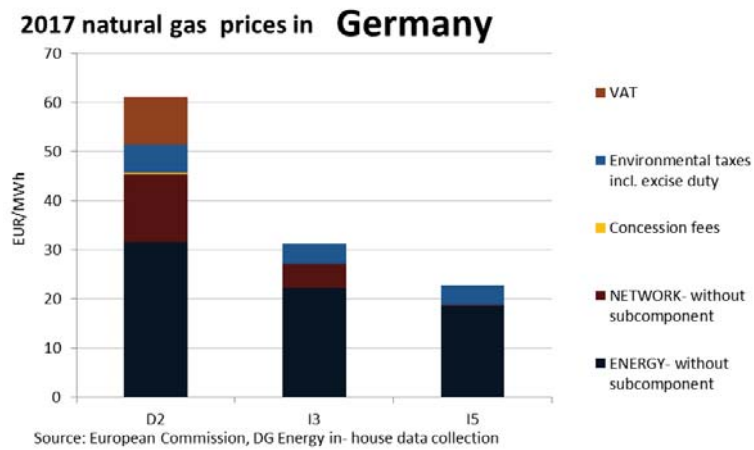
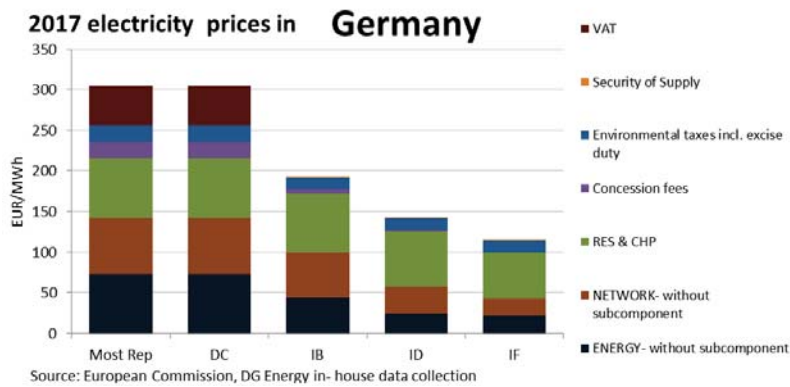
See footnote²



¹ Neighbour

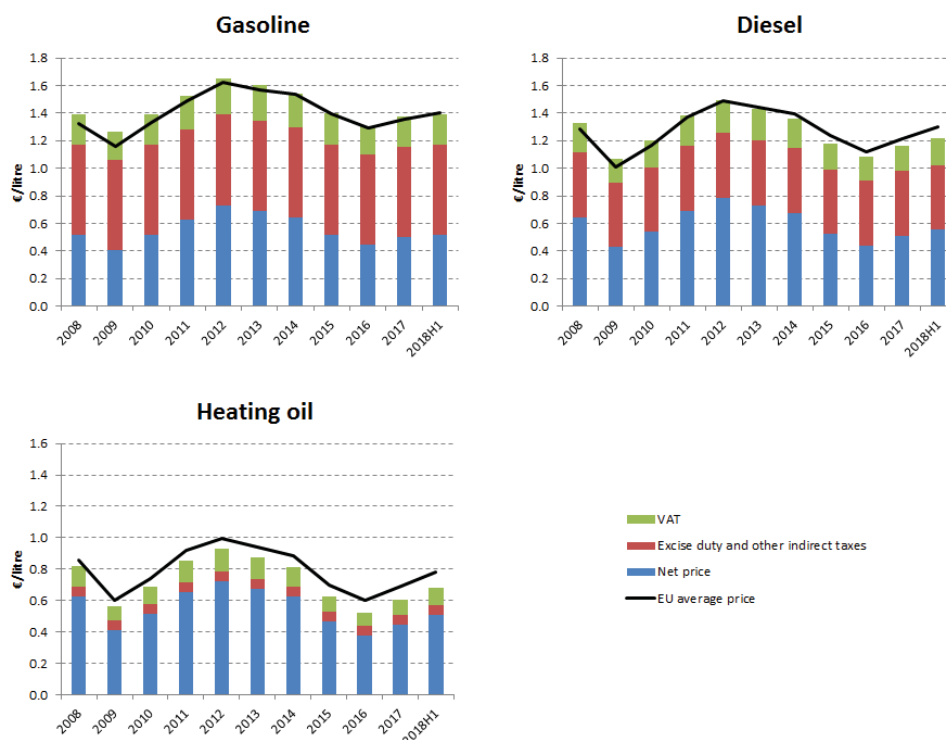
² Annual electricity consumption: DB 1 - 2.5 MWh, DC 2.5 - 5 MWh, DD 5 - 15 MWh, DE above 15 MWh, IB 20-50 MWh, ID 2000-20000 MWh, IF 70000-150000 MWh. Annual Gas consumption: D2 20-200 GJ, I3 10000-100000 GJ, I5 1 mil - 4 mil GJ.

(DC)



This country liberalised prices before 2008.
No social tariffs identified.

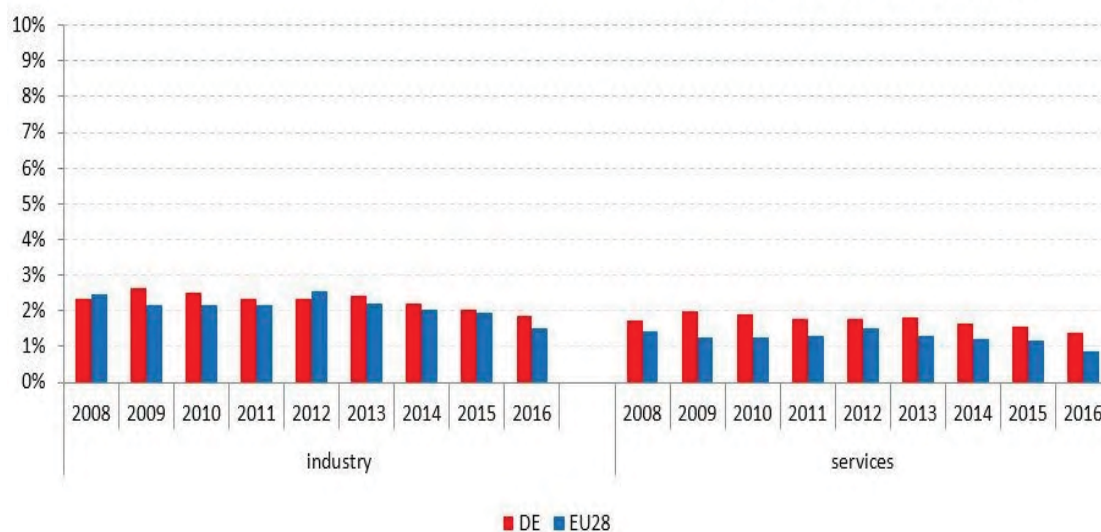
Oil products prices



Energy costs shares in total production costs

Share of energy costs in total production value in industry and services: DE vs. EU28

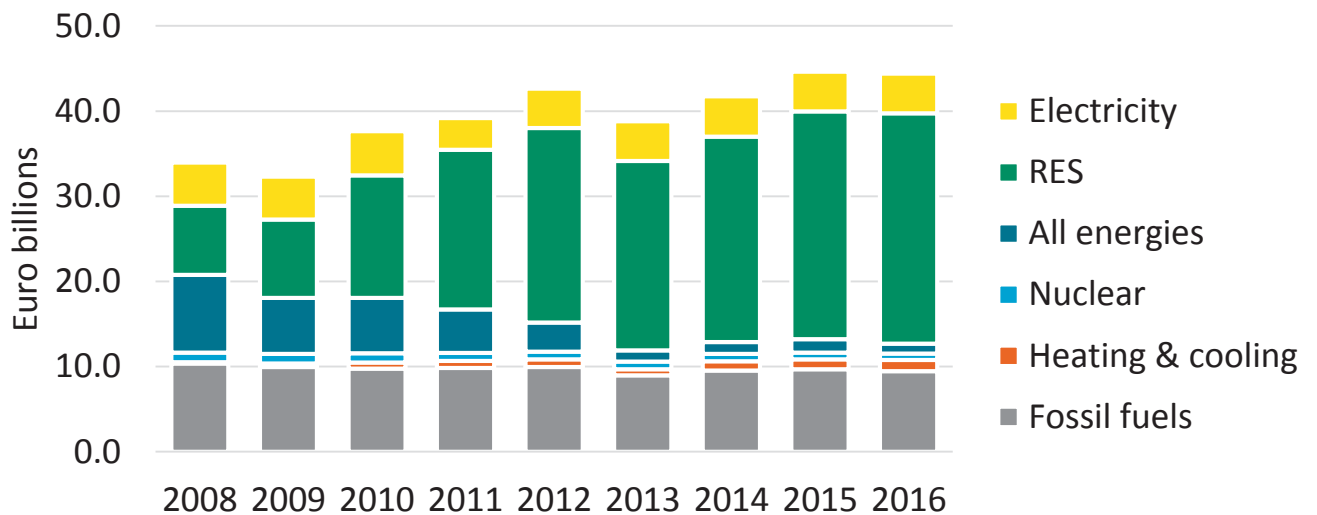
Source: ESTAT (SBS; NA), Primes, own calculations



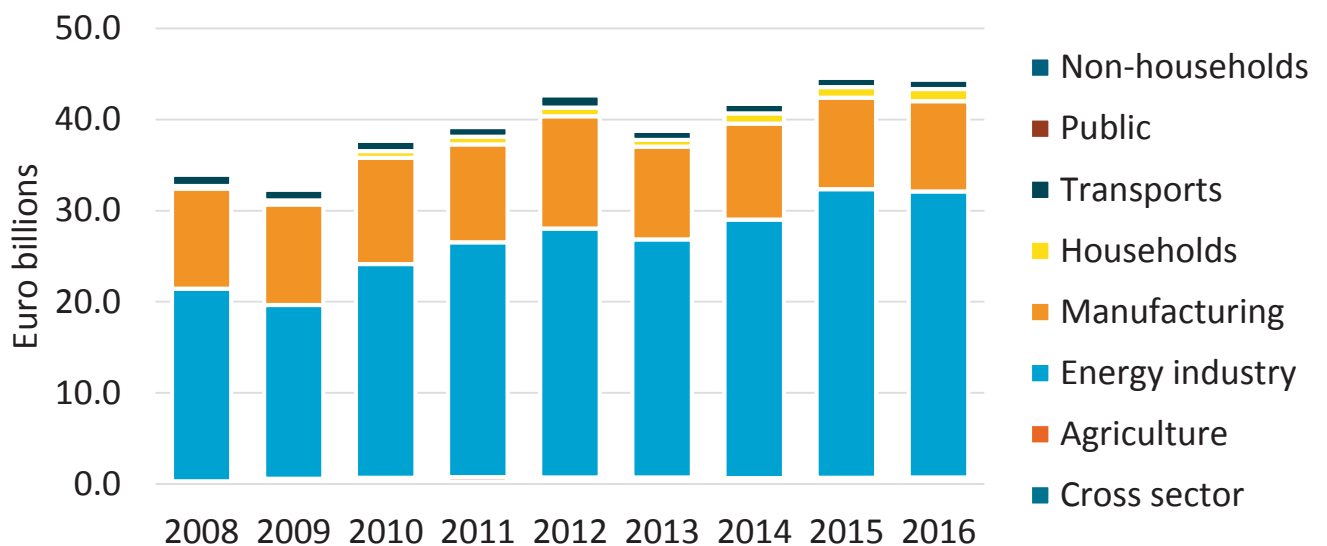
Notes: Data for Malta (prior to 2016), Poland (prior to 2015), Slovenia (prior to 2012) and Greece (prior to 2008) is not available. Data for Denmark, Sweden and the United Kingdom for 2016 was missing by the time of extraction

Financial support interventions

Financial support by energy/technology (billion euros)



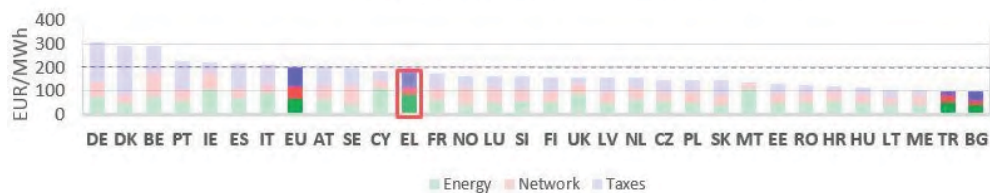
Financial support by sector (billion euros)



Greece

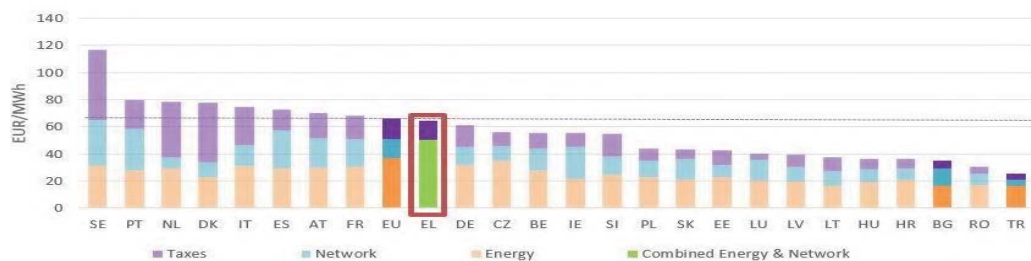


Electricity prices for Households (DC) – EL vs EU

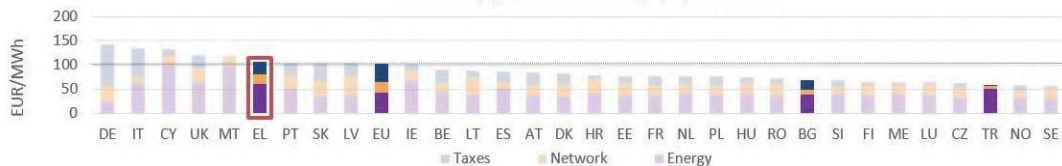


See footnote¹

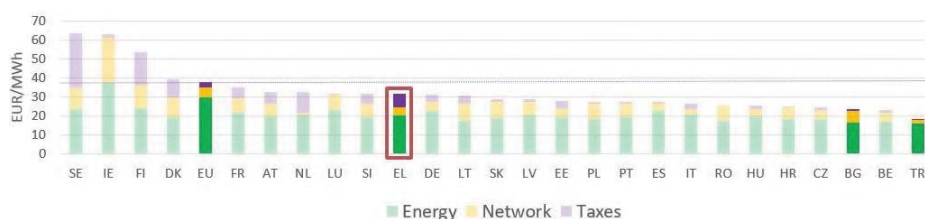
Gas prices for Households (ID) – EL vs EU



Electricity prices for Industry (ID) – EL vs EU



Gas prices for Industry (I3) – EL vs EU

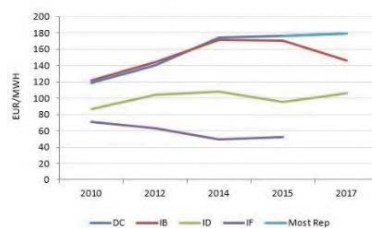


| Electricity | DC | IB | ID | IF |
|-------------|-----------|----------------|-----------------|----------------|
| | Household | Small Industry | Medium Industry | Large Industry |

| Gas | D2 | I3 | I5 |
|-----|-----------|-----------------|----------------|
| | Household | Medium Industry | Large Industry |

See footnote²

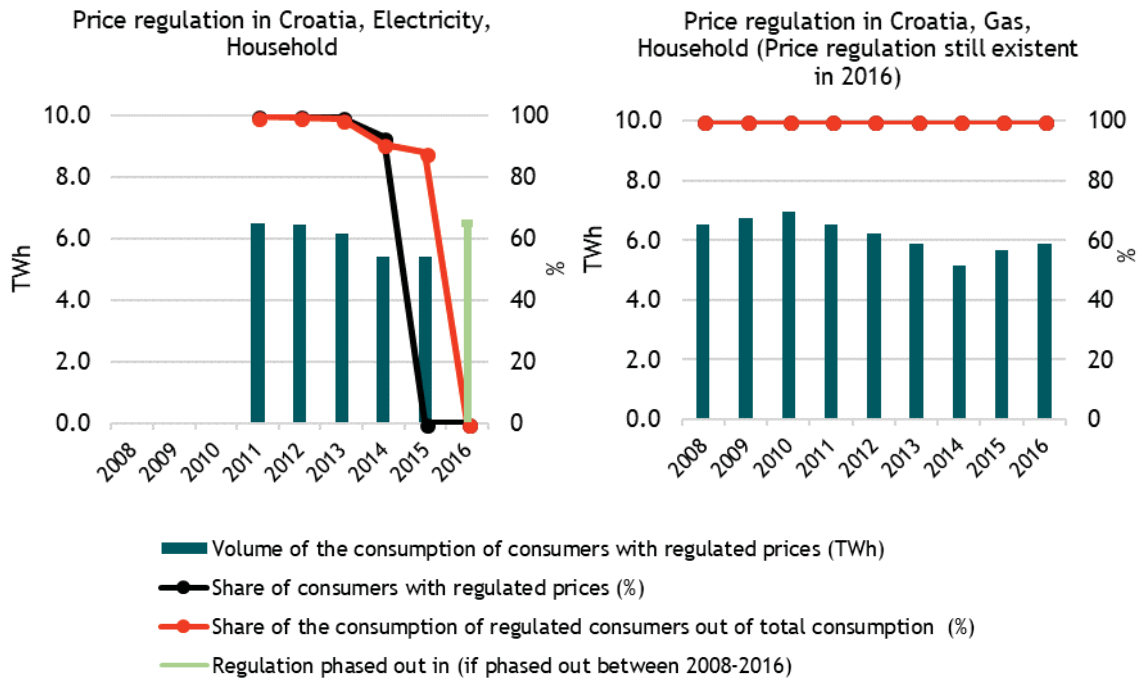
Electricity prices in Greece



¹ Neighbour countries and EU 28. Please note that gas household prices available for Greece refer to 2015 (2017 not available).

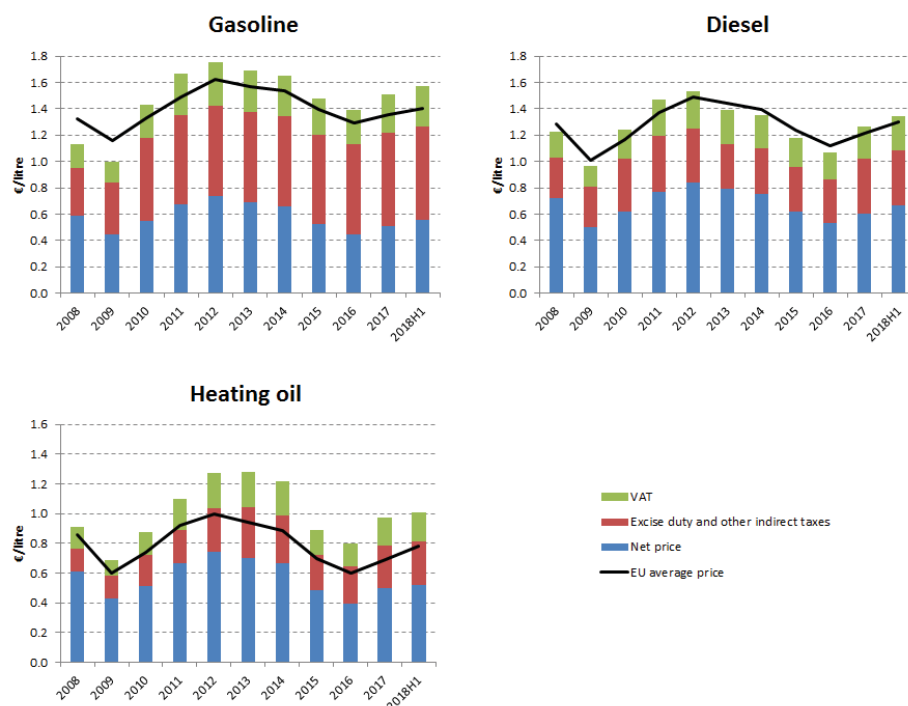
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Price regulation



No data available for 2017 electricity
and natural gas prices

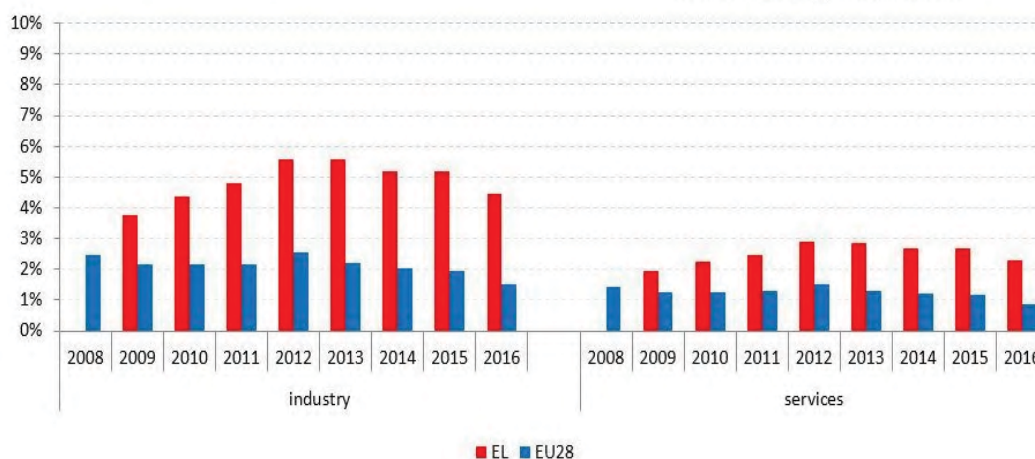
Oil products prices



Energy costs shares in total production costs

Share of energy costs in total production value in industry and services: EL vs. EU28

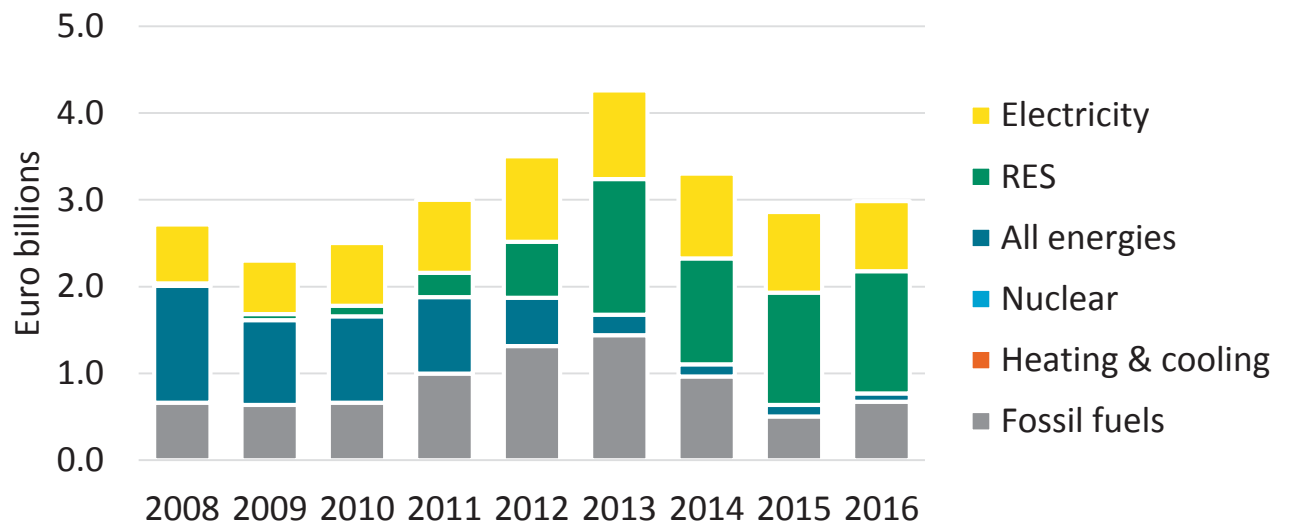
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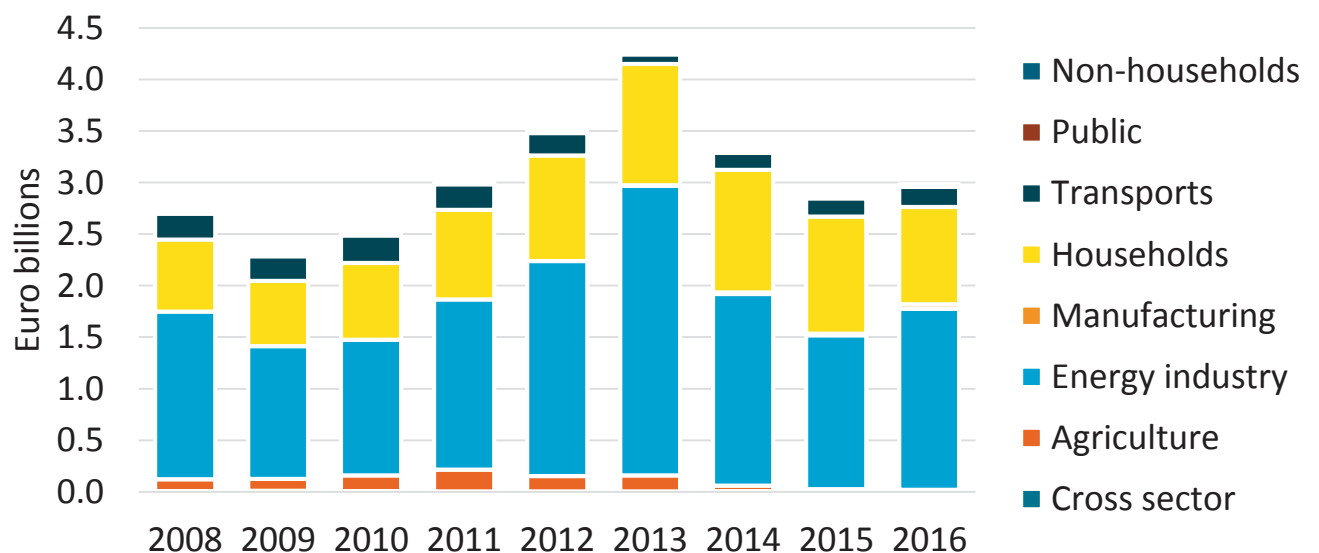
Notes: Data for Malta (prior to 2016), Poland (prior to 2015), Slovenia (prior to 2012) and Greece (prior to 2008) is not available. Data for Denmark, Sweden and the United Kingdom for 2016 was missing by the time of extraction

Financial support interventions

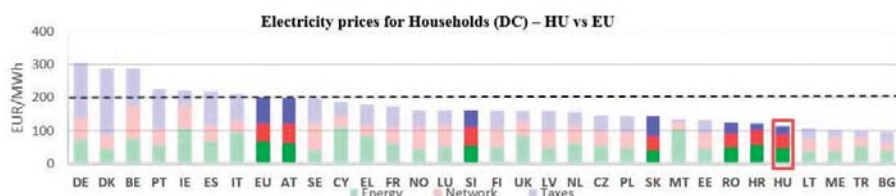
Financial support by energy/technology (billion euros)



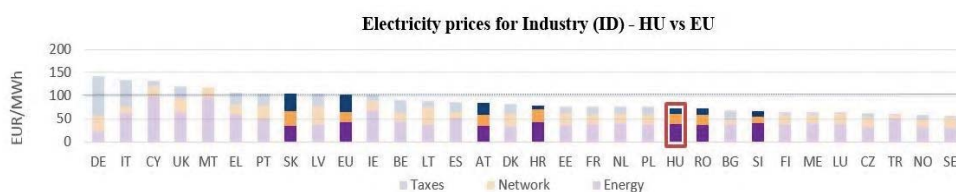
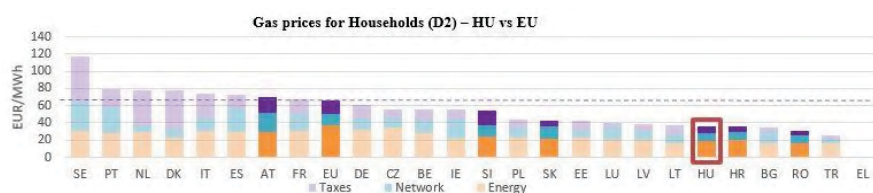
Financial support by sector (billion euros)



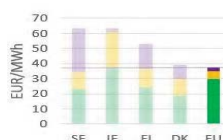
Hungary



See footnote ¹



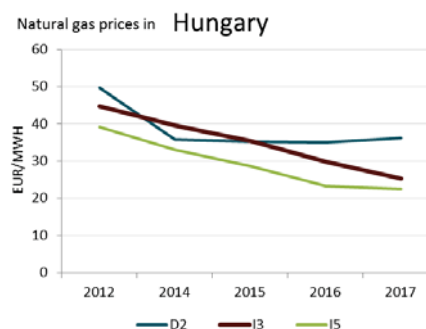
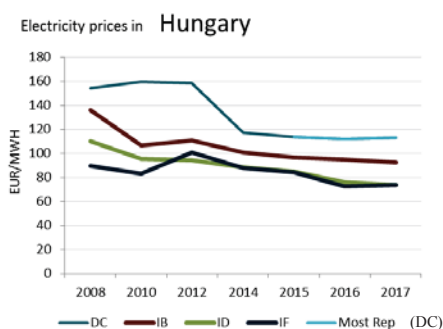
Gas prices for Industry (I3) – HU vs EU



| Electricity | DC | IB | ID | IF |
|-------------|-----------|----------------|-----------------|----------------|
| | Household | Small Industry | Medium Industry | Large Industry |

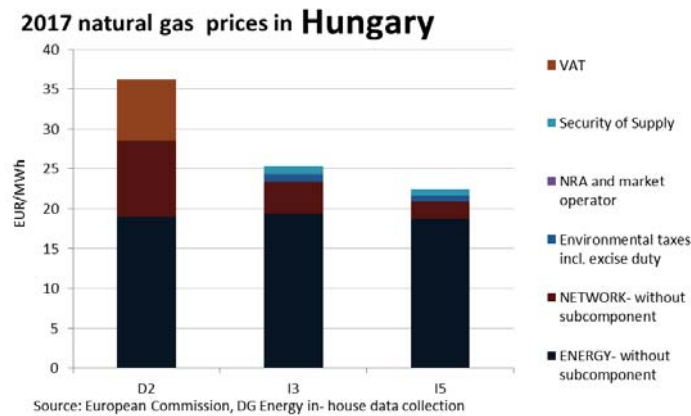
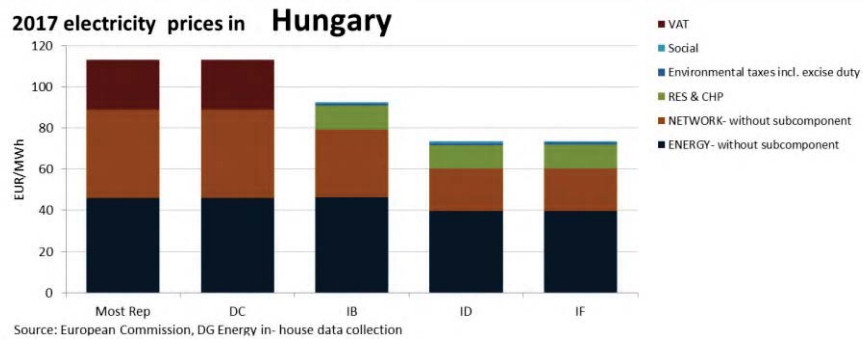
| Gas | D2 | I3 | I5 |
|-----|-----------|-----------------|----------------|
| | Household | Medium Industry | Large Industry |

See footnote ²

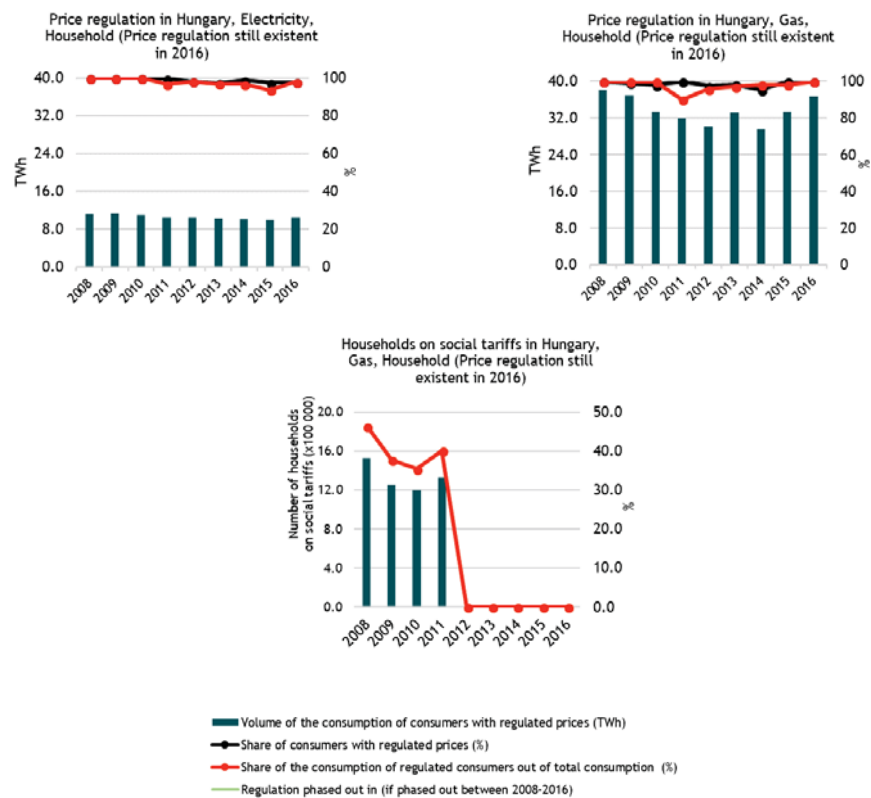


¹ Neighbour countries and EU 28. No gas household prices available for Greece for 2017.

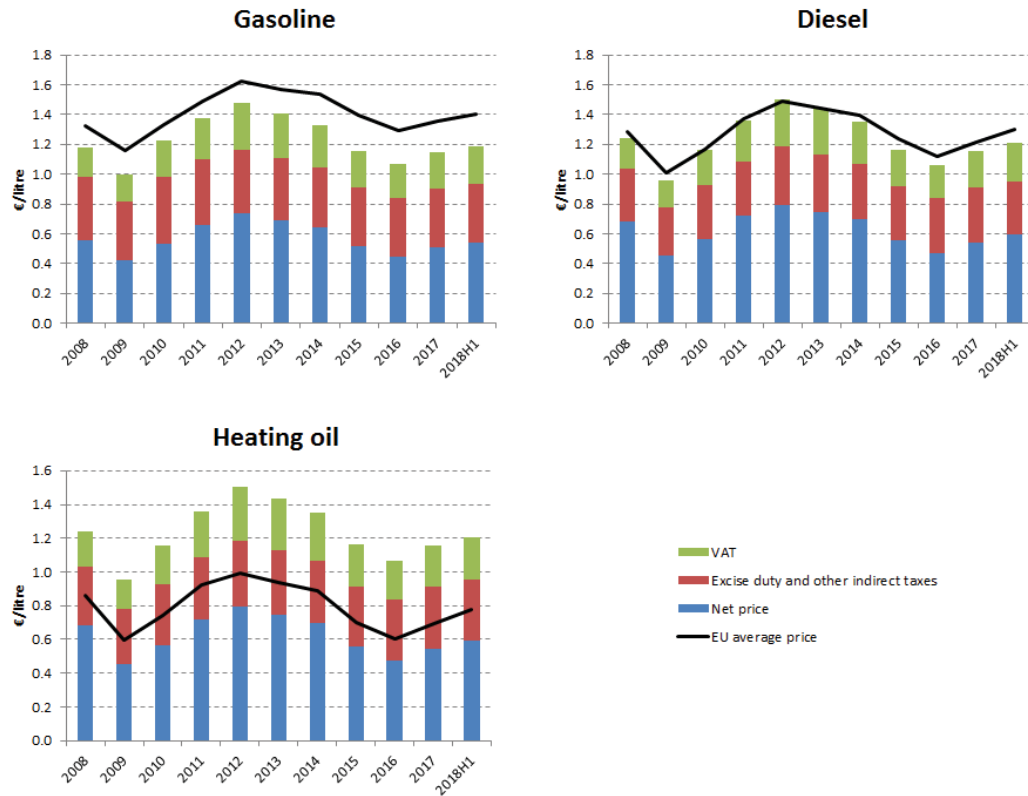
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Price regulation



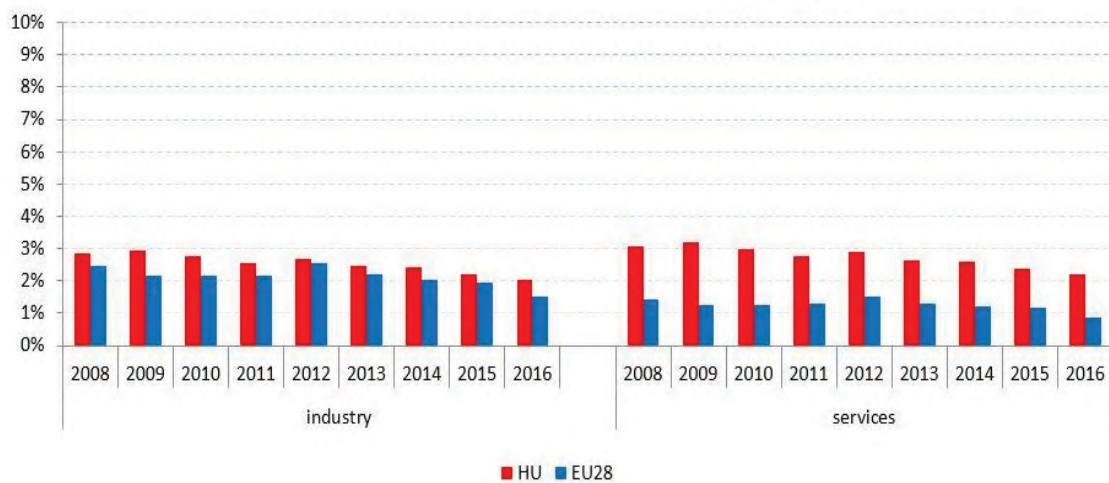
Oil product prices



Energy costs shares in total production costs

Share of energy costs in total production value in industry and services: HU vs. EU28

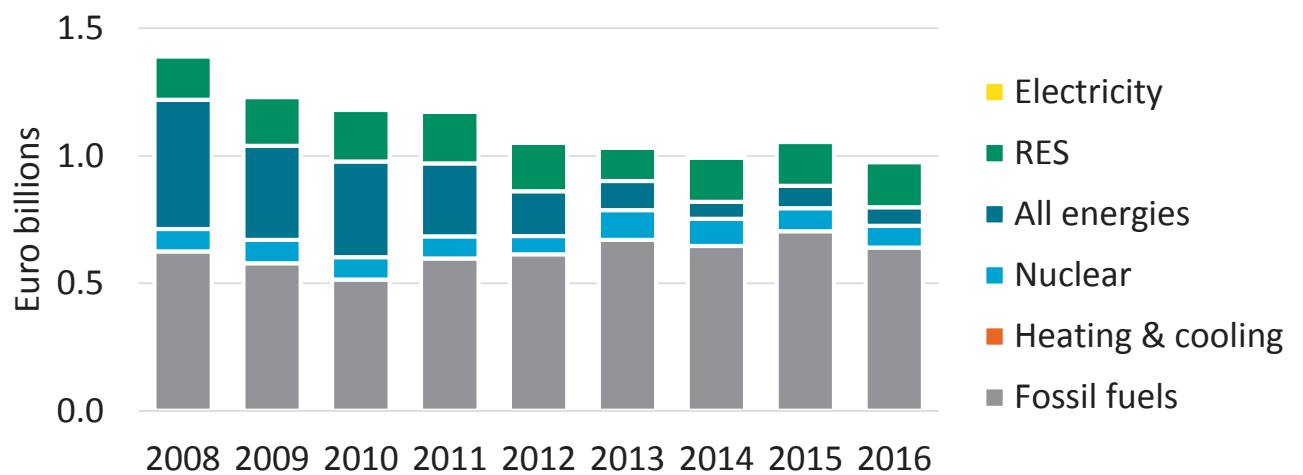
Source: ESTAT (SBS; NA), Primes, own calculations



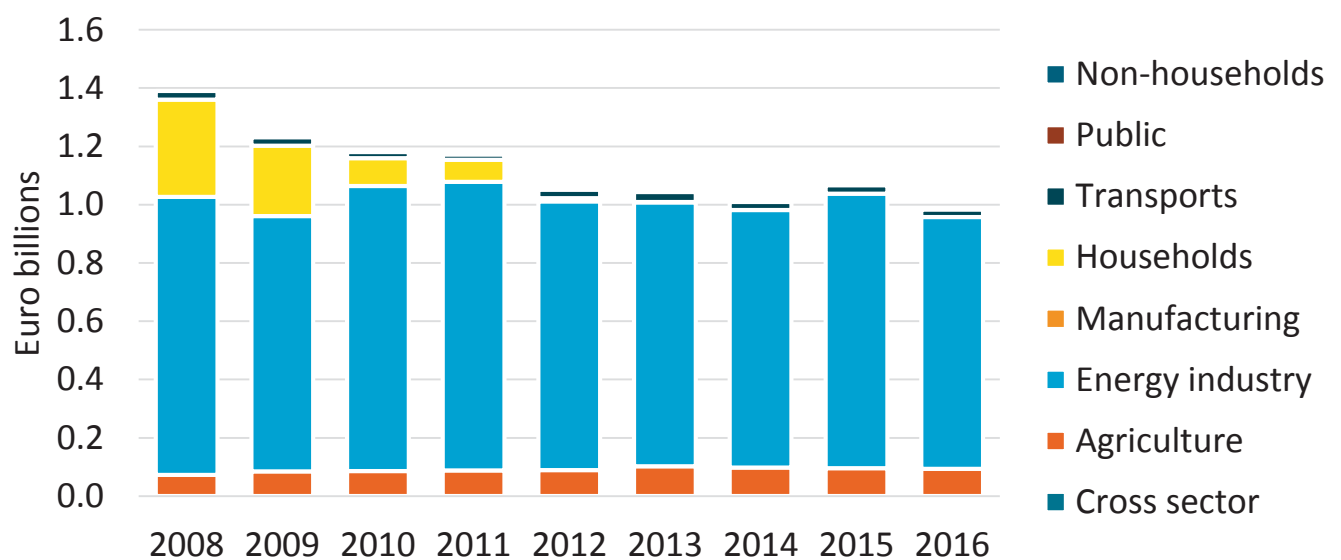
Notes: Data for Malta (prior to 2016), Poland (prior to 2015), Slovenia (prior to 2012) and Greece (prior to 2008) is not available. Data for Denmark, Sweden and the United Kingdom for 2016 was missing by the time of extraction

Financial support interventions

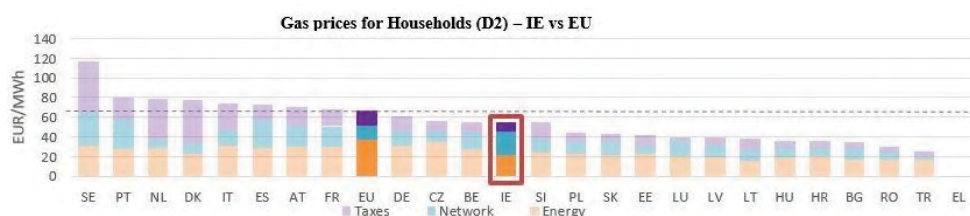
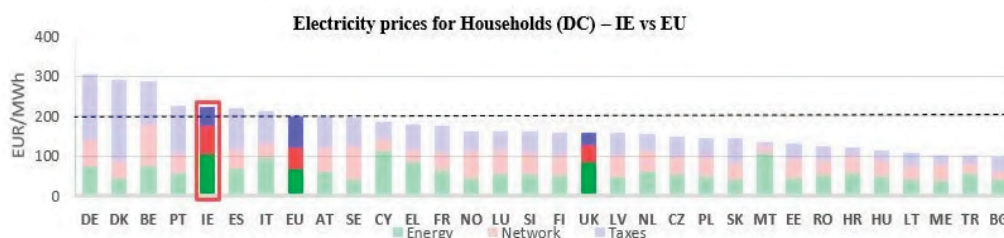
Financial support by energy/technology (billion euros)



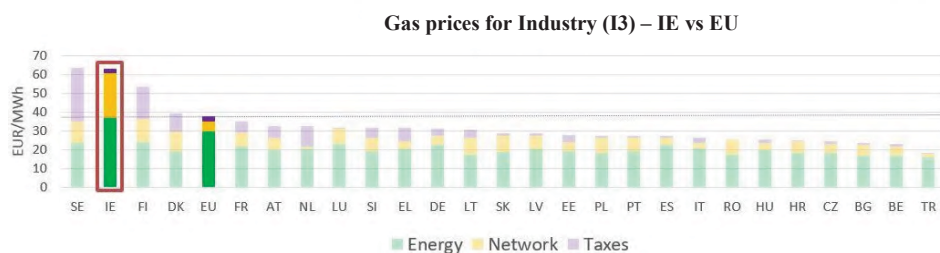
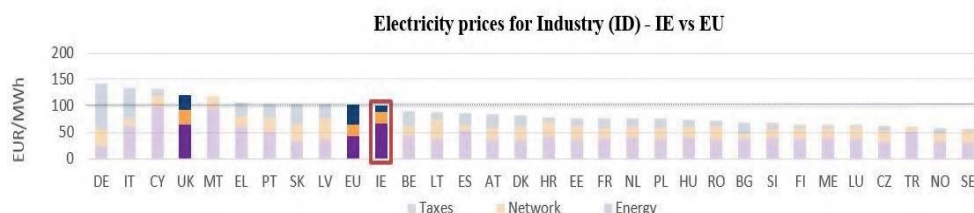
Financial support by sector (billion euros)



Ireland



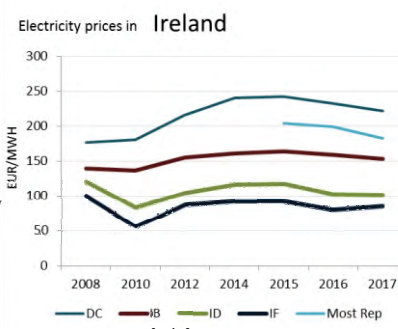
see footnote¹



See footnote²

¹ Neighbour countries and EU 28. No gas household

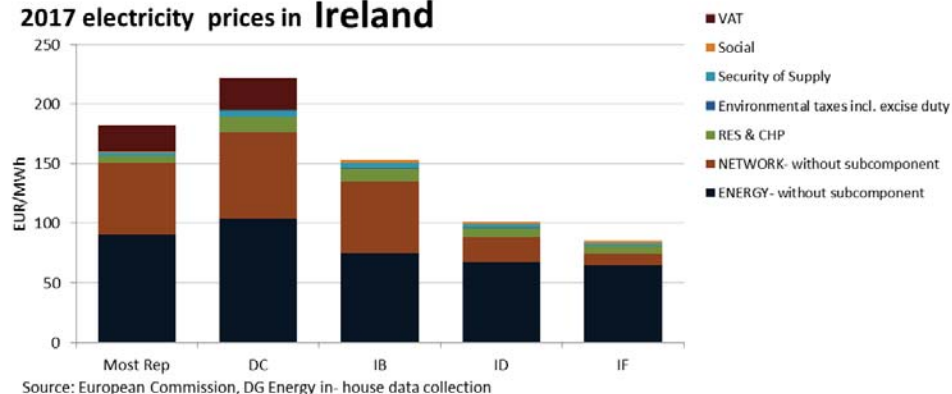
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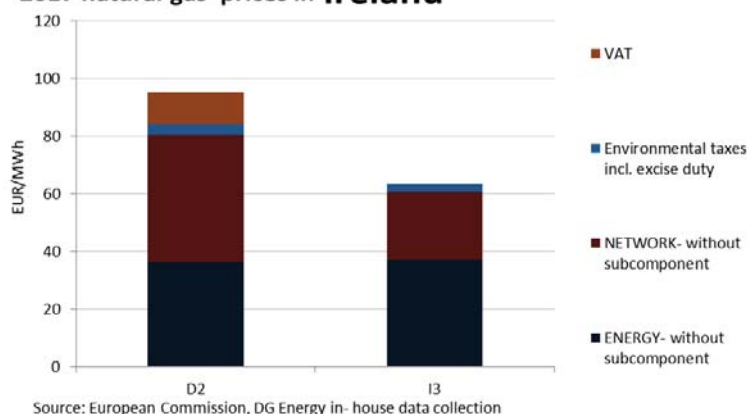
DB 15 MWh, IB 20-500 MWh, ID 2000-3000 MWh, IF 1 mil - 4 mil GJ.

(DD)

2017 electricity prices in Ireland

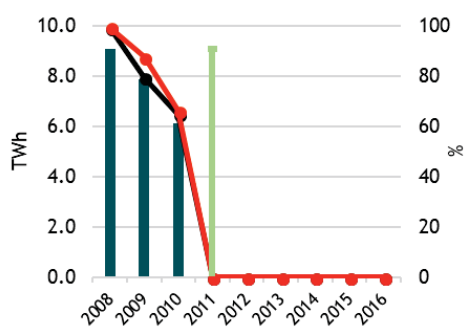


2017 natural gas prices in Ireland

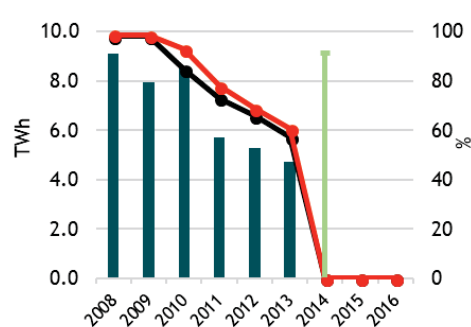


Price regulation

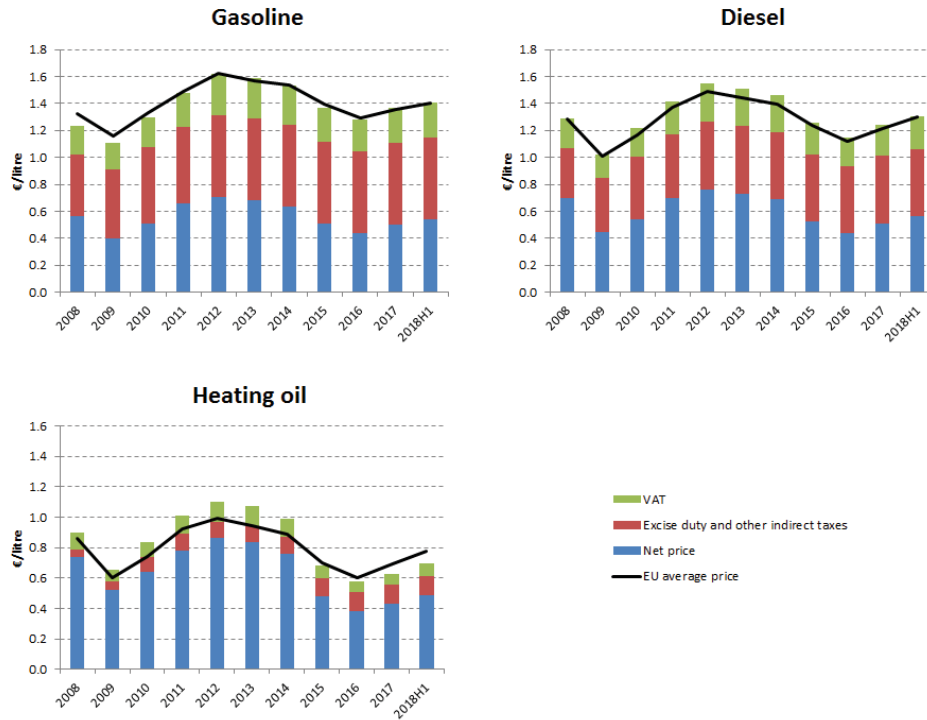
Price regulation in Ireland, Electricity, Household



Price regulation in Ireland, Gas, Household



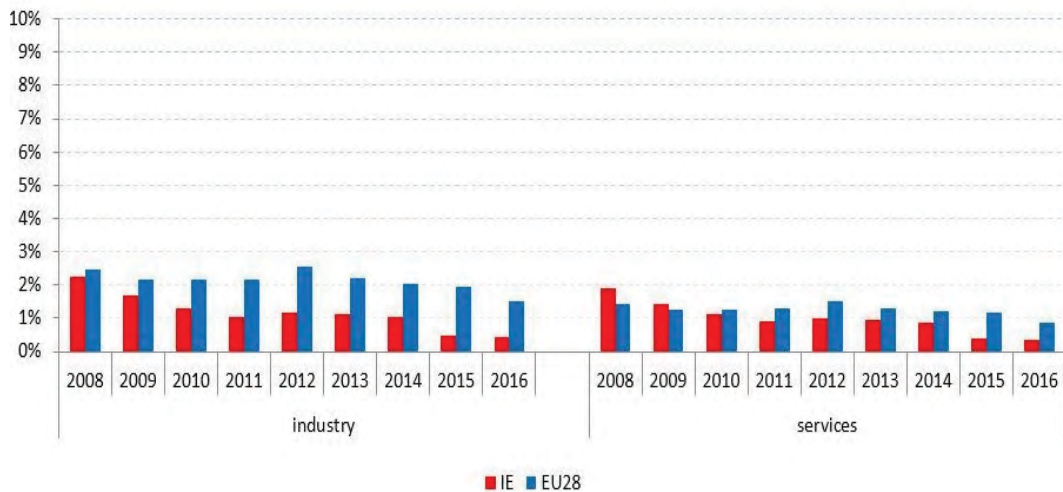
Oil products prices



Energy costs shares in total production costs

Share of energy costs in total production value in industry and services: IE vs. EU28

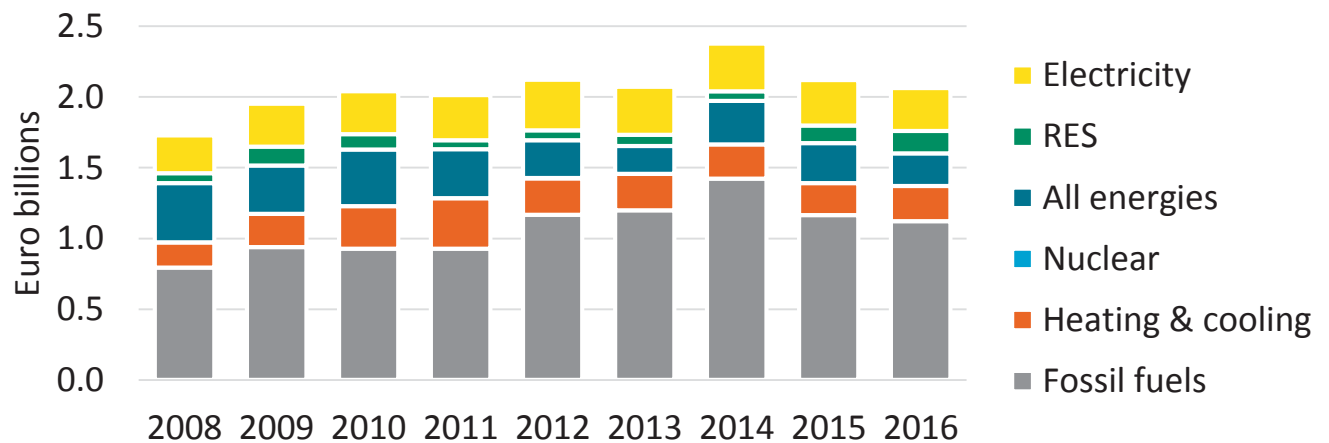
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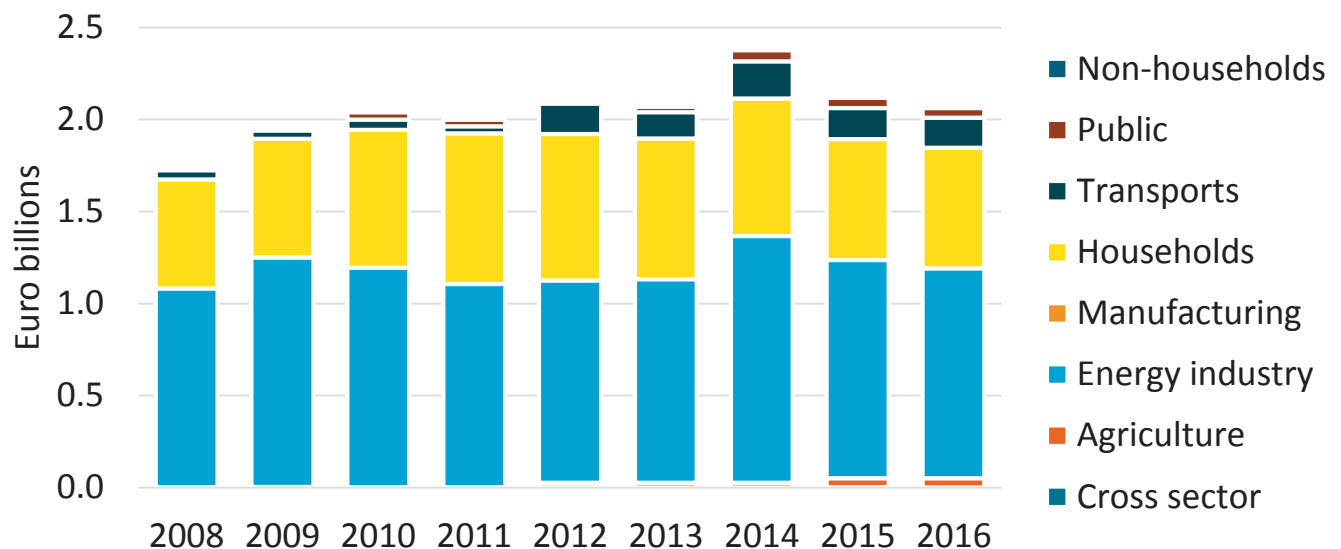
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Financial support interventions

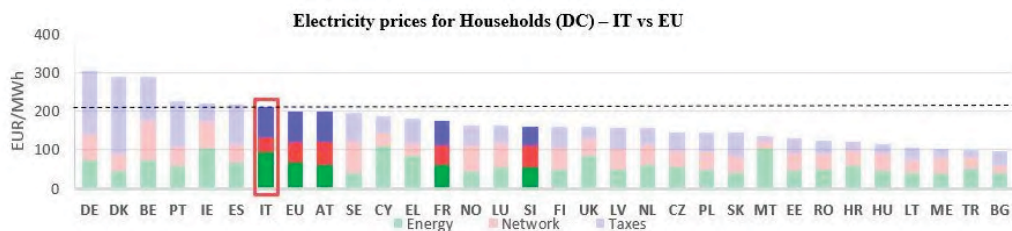
Financial support by energy/technology (billion euros)



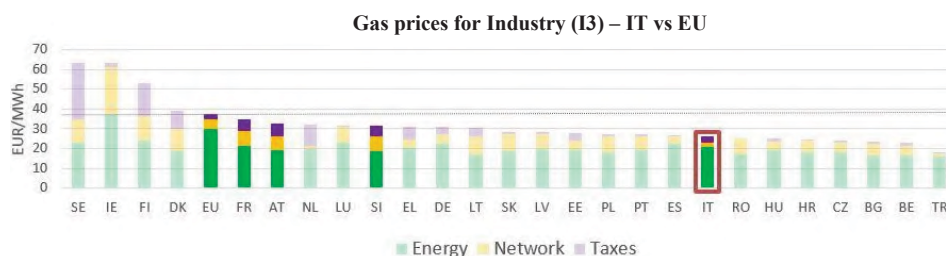
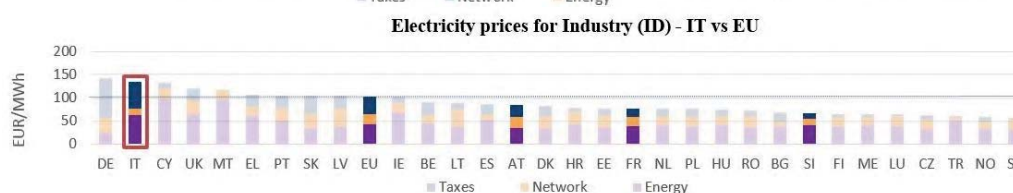
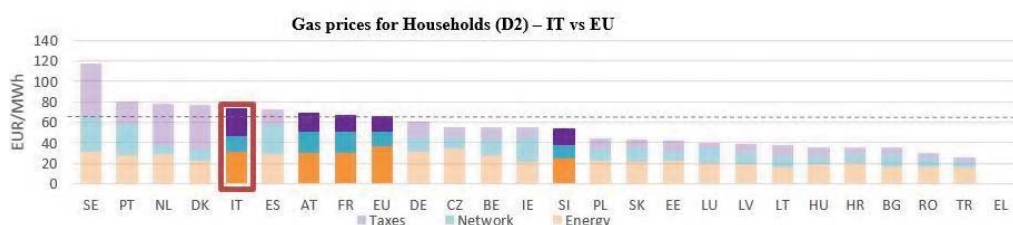
Financial support by sector (billion euros)



Italy



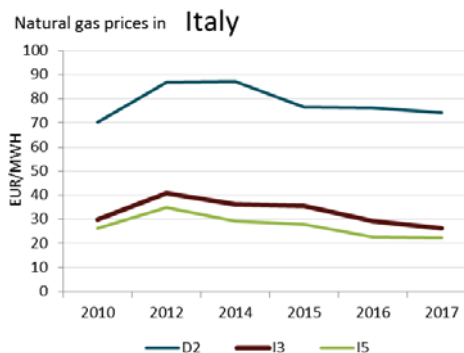
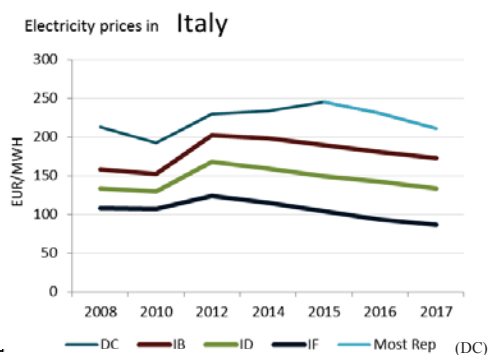
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| Electricity | DC | IB | ID | IF |
|-------------|-----------|----------------|-----------------|----------------|
| | Household | Small Industry | Medium Industry | Large Industry |

| Gas | D2 | I3 | I5 |
|-----|-----------|-----------------|----------------|
| | Household | Medium Industry | Large Industry |

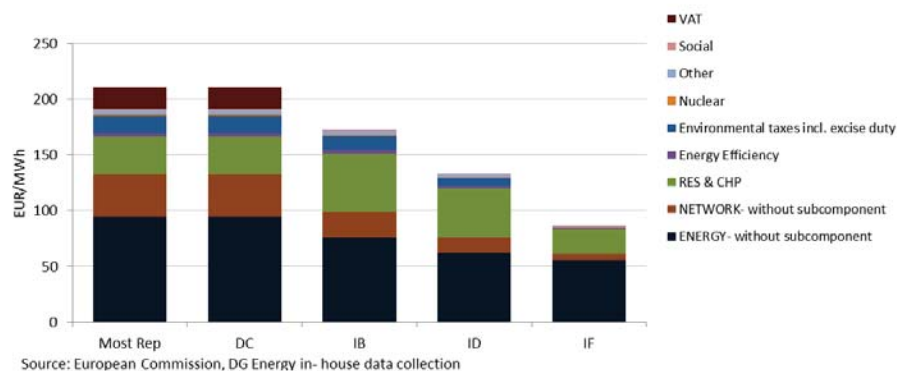
See footnote²



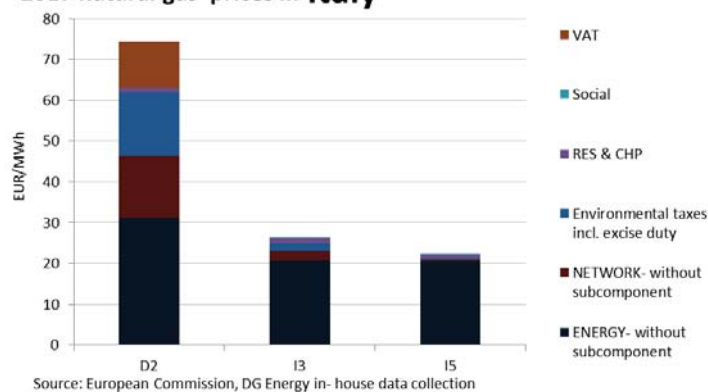
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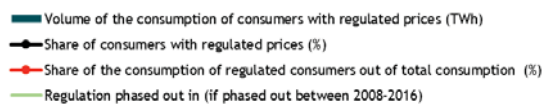
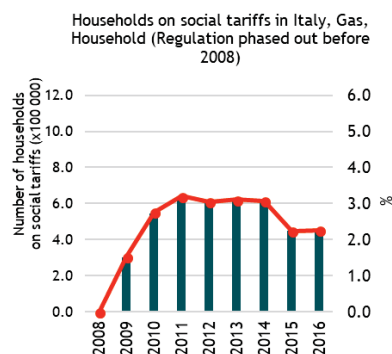
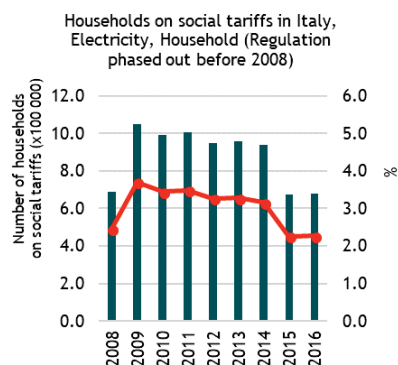
2017 electricity prices in Italy



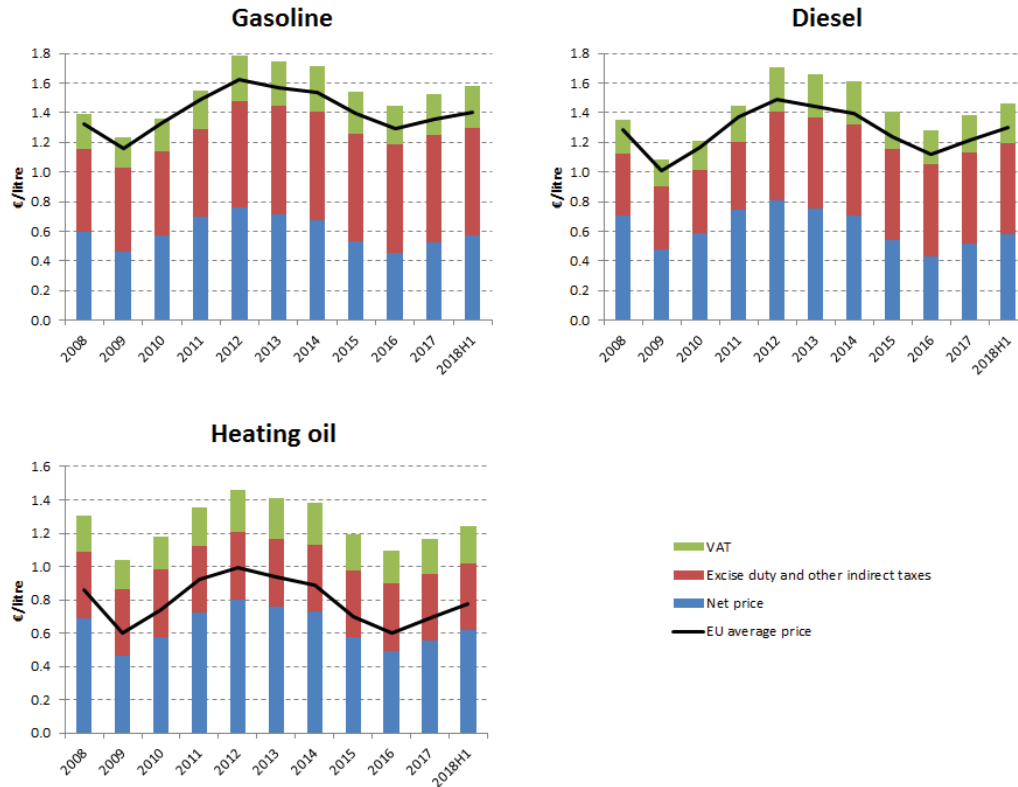
2017 natural gas prices in Italy



Price regulation



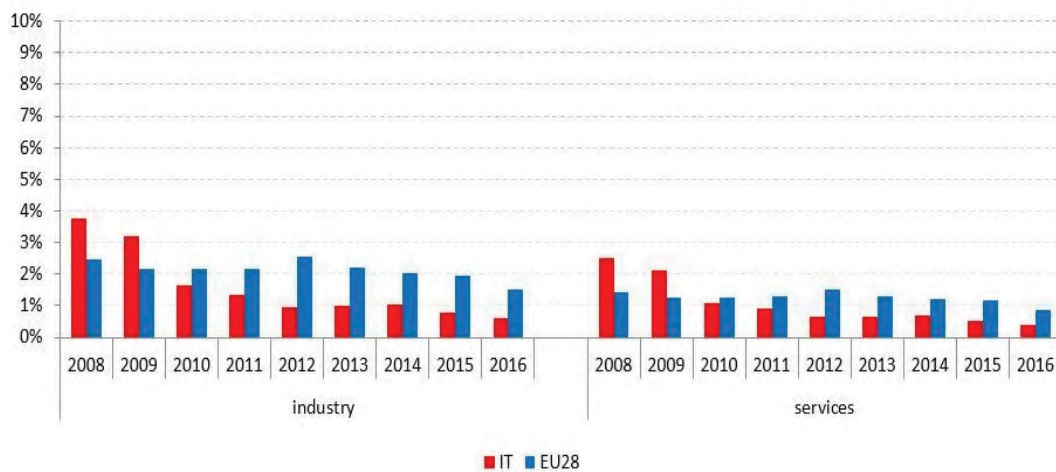
Oil products prices



Energy costs shares in total production costs

Share of energy costs in total production value in industry and services: IT vs. EU28

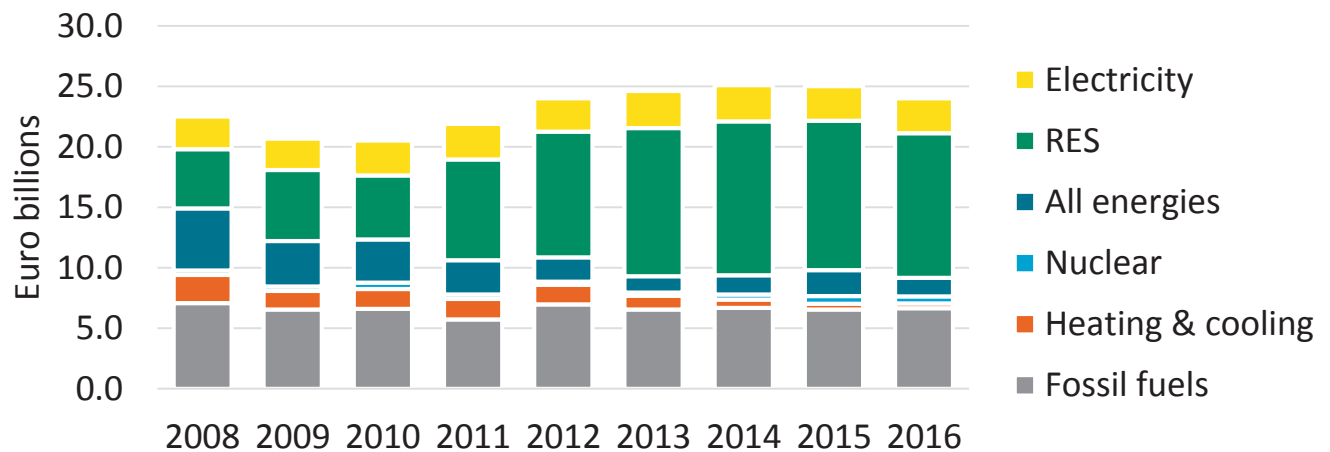
Source: ESTAT (SBS; NA), Primes, own calculations



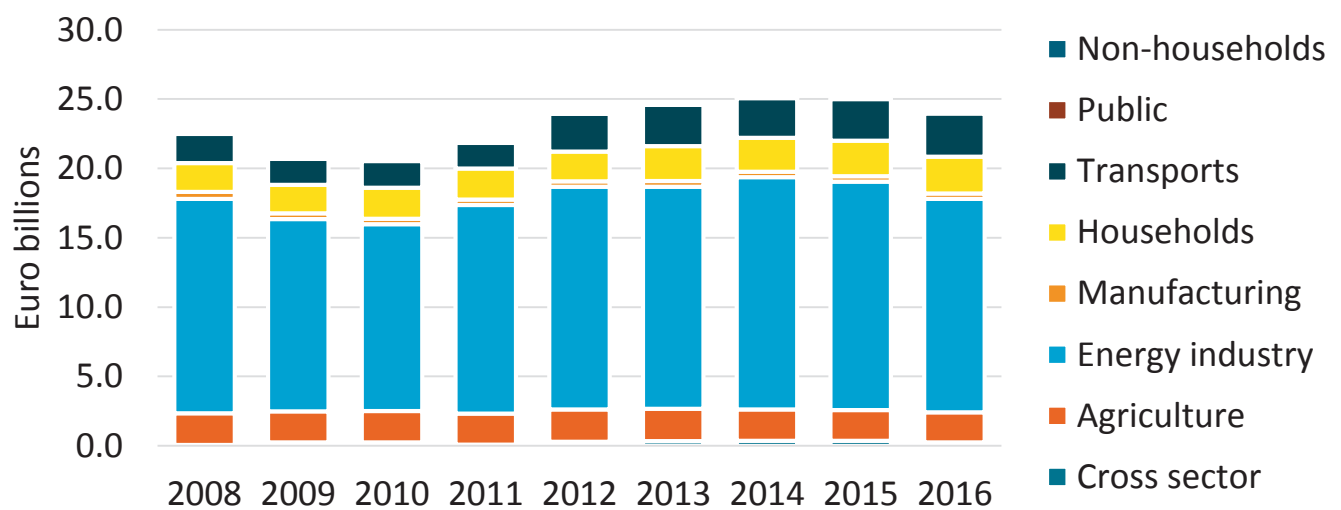
Notes: Data for Malta (prior to 2016), Poland (prior to 2015), Slovenia (prior to 2012) and Greece (prior to 2008) is not available. Data for Denmark, Sweden and the United Kingdom for 2016 was missing by the time of extraction

Financial support interventions

Financial support by energy/technology (billion euros)



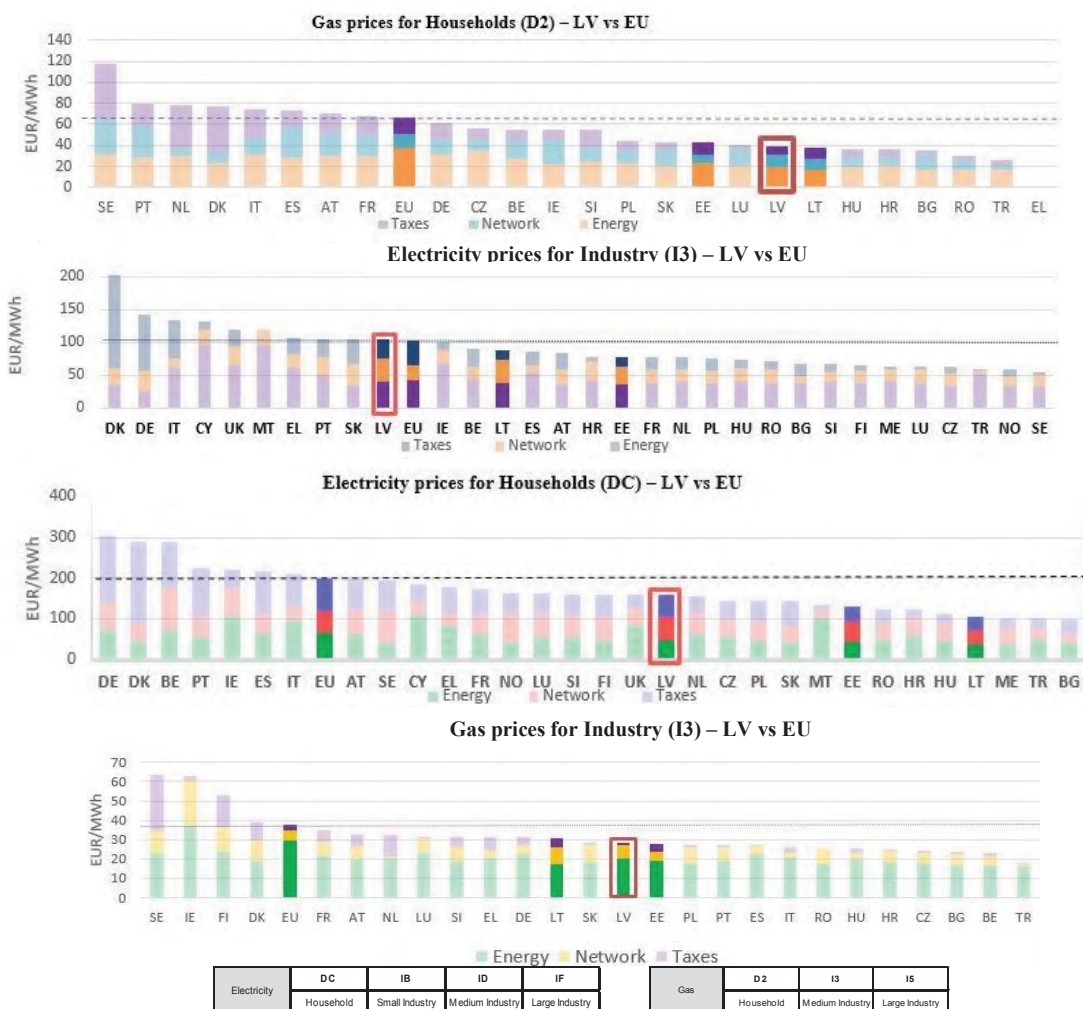
Financial support by sector (billion euros)



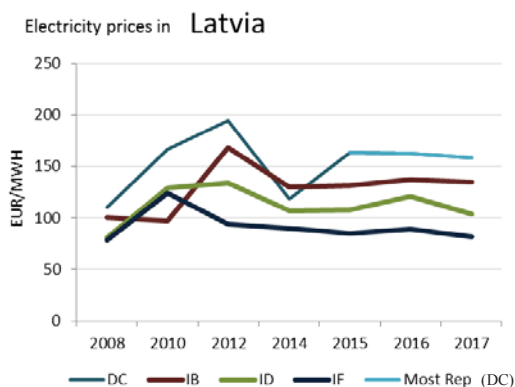
Latvia



See footnote¹



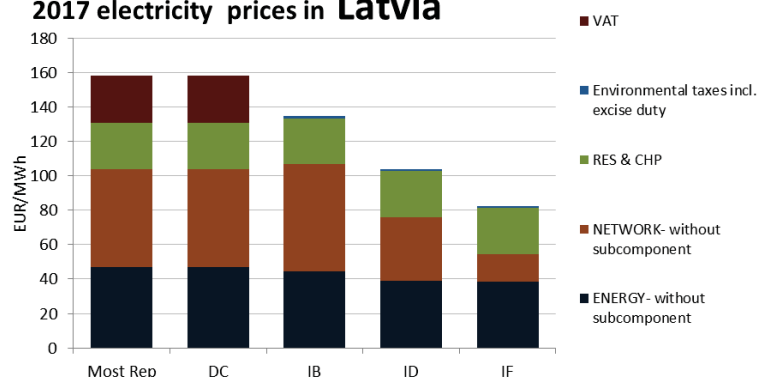
See footnote²



¹ Neighbour countries and EU 28. No gas household prices available for Greece for 2017.

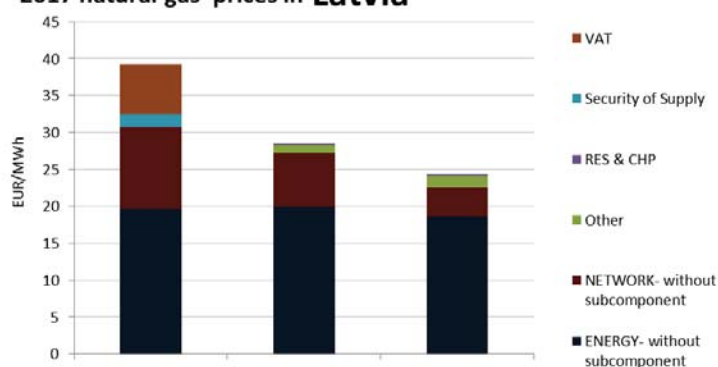
² Annual electricity consumption: DB 1 - 2.5 MWh, DC 2.5 - 5 MWh, DD 5 - 15 MWh, DE above 15 MWh, IB 20-500 MWh, ID 2000-20000 MWh, IF 70000-150000 MWh. Annual Gas consumption: D2 20-200 GJ, I3 10000-100000 GJ, I5 1 mil - 4 mil GJ.

2017 electricity prices in Latvia



Source: European Commission, DG Energy in- house data

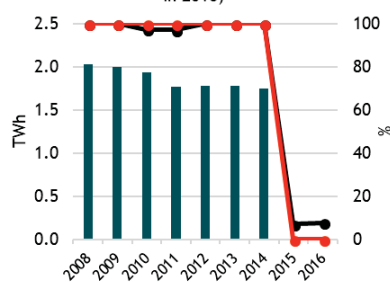
2017 natural gas prices in Latvia



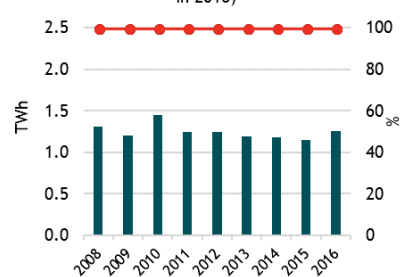
Source: European Commission, DG Energy in- house data collection

Price regulation

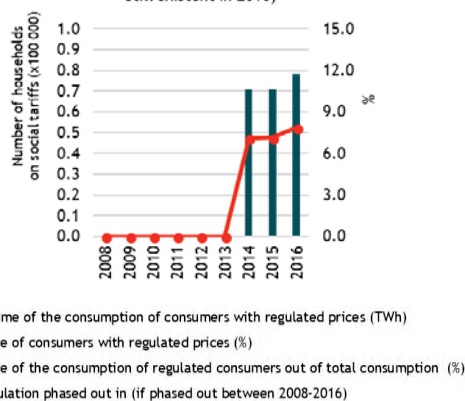
Price regulation in Latvia, Electricity, Household (Price regulation still existent in 2016)



Price regulation in Latvia, Gas, Household (Price regulation still existent in 2016)

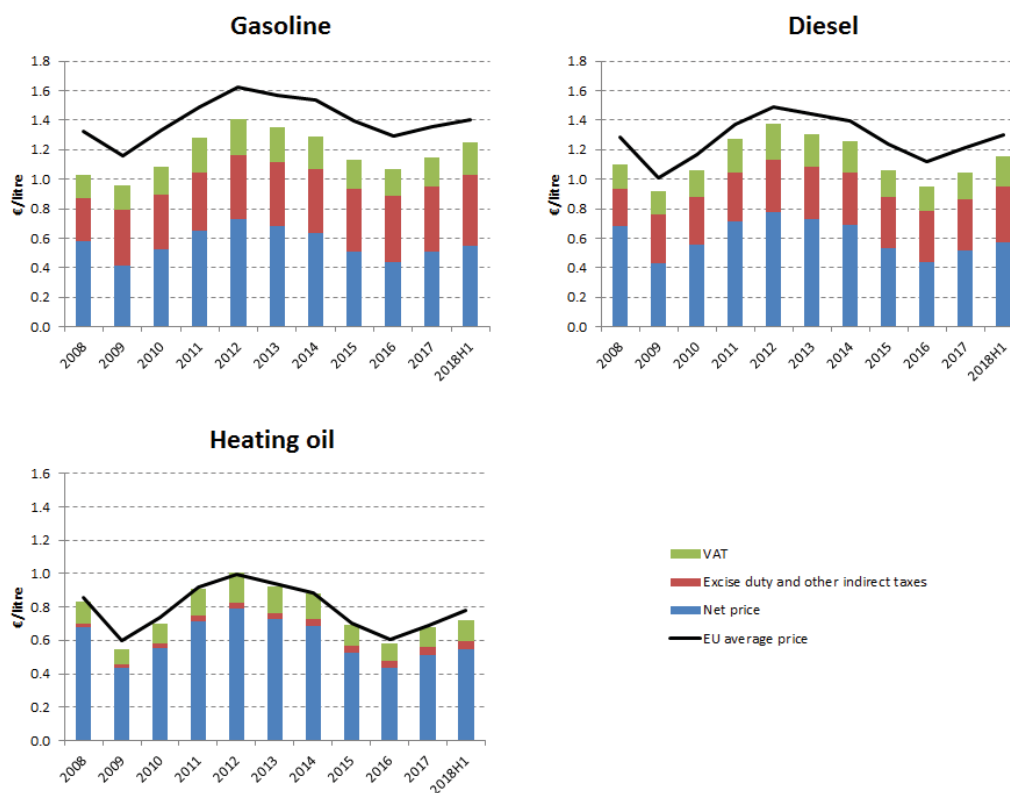


Households on social tariffs in Latvia, Electricity, Household (Price regulation still existent in 2016)



■ Volume of the consumption of consumers with regulated prices (TWh)
 ● Share of consumers with regulated prices (%)
 ● Share of the consumption of regulated consumers out of total consumption (%)
 ■ Regulation phased out in (if phased out between 2008-2016)

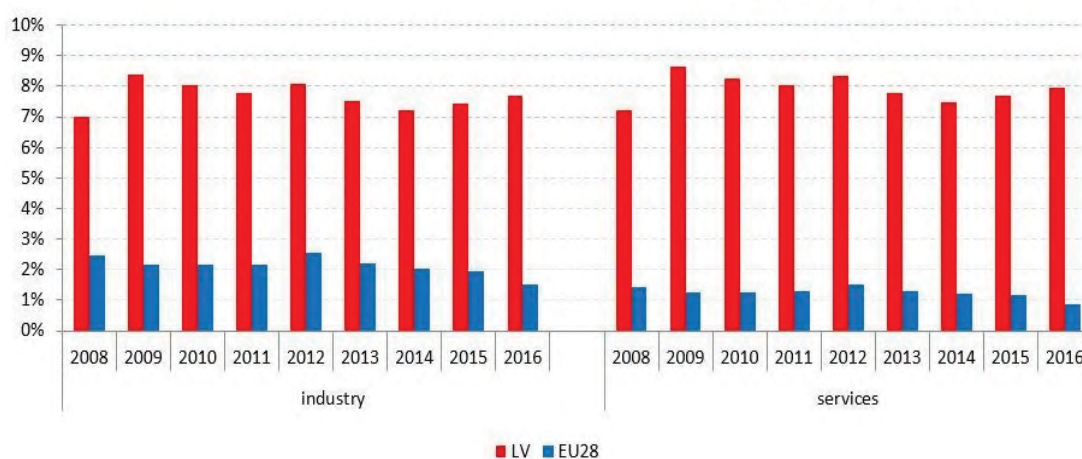
Oil products prices



Energy costs shares in total production costs

Share of energy costs in total production value in industry and services: LV vs. EU28

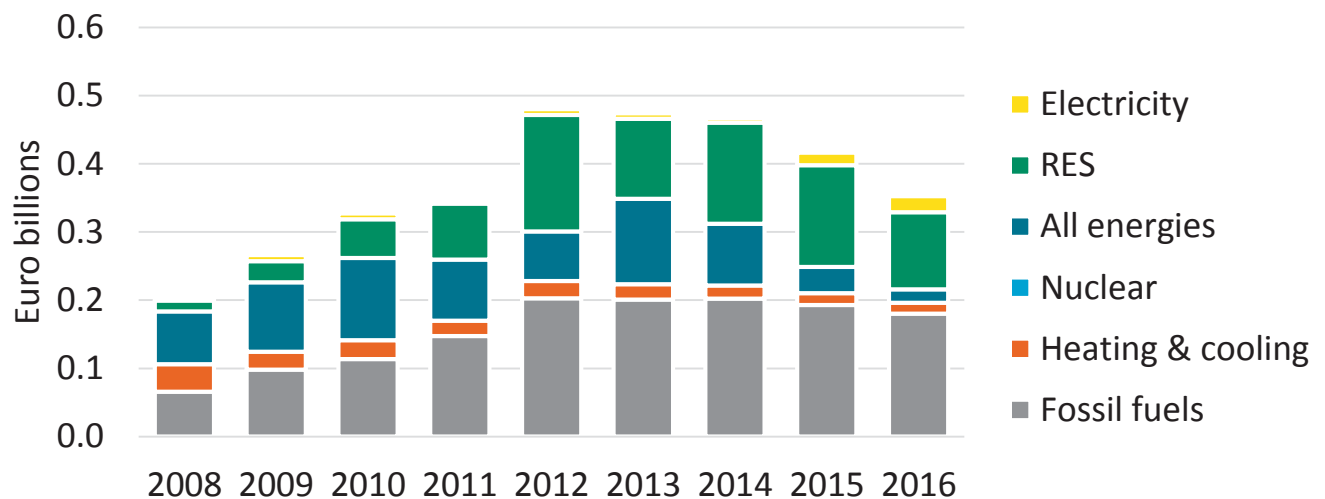
Source: ESTAT (SBS; NA), Primes, own calculations



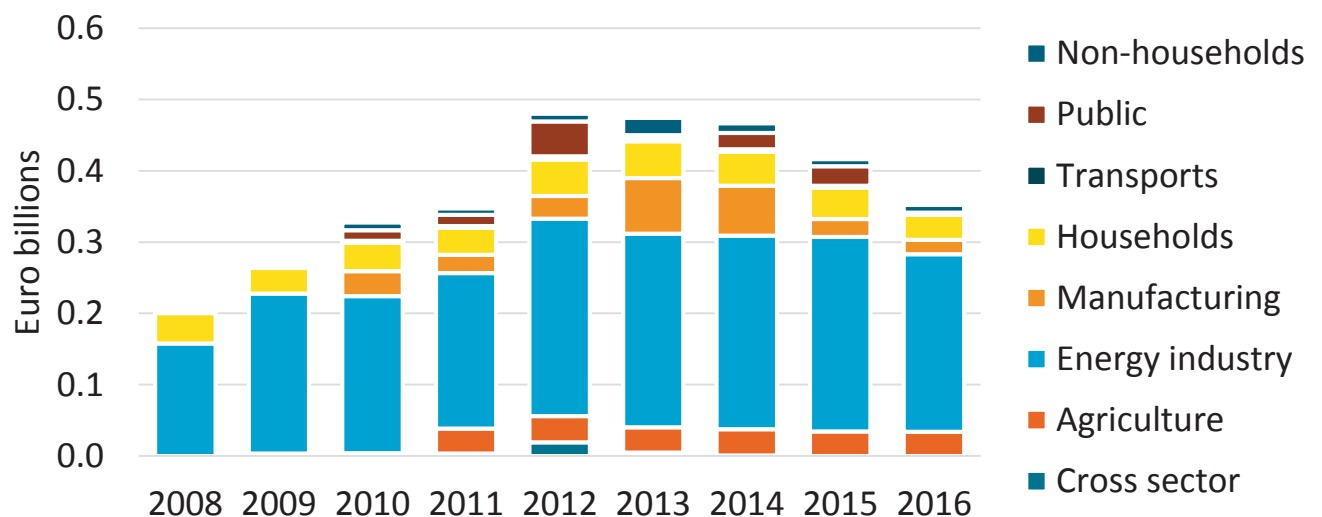
Notes: Data for Malta (prior to 2016), Poland (prior to 2015), Slovenia (prior to 2012) and Greece (prior to 2008) is not available. Data for Denmark, Sweden and the United Kingdom for 2016 was missing by the time of extraction

Financial support interventions

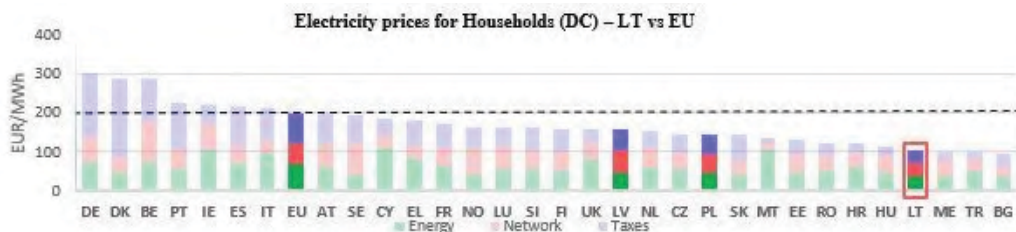
Financial support by energy/technology (billion euros)



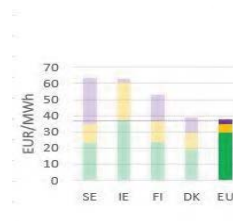
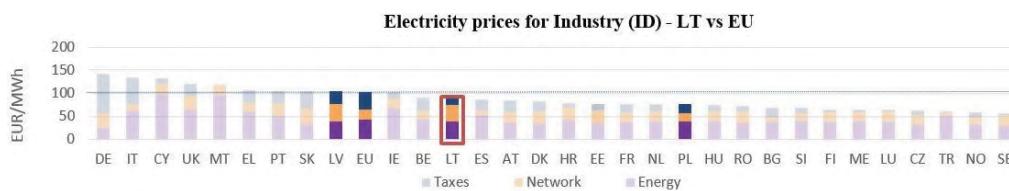
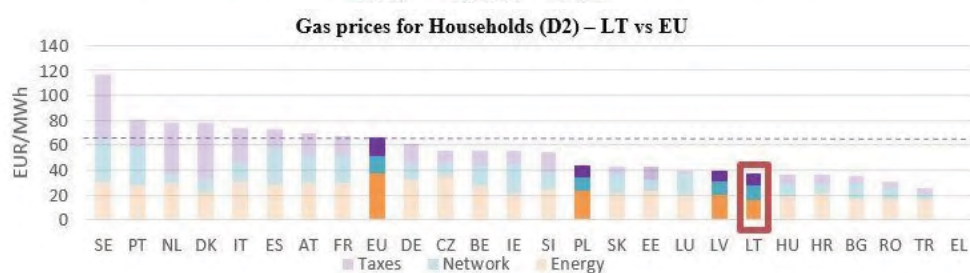
Financial support by sector (billion euros)



Lithuania



see footnote¹

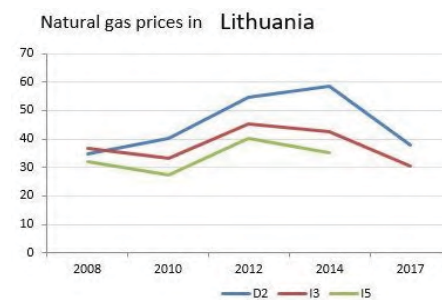
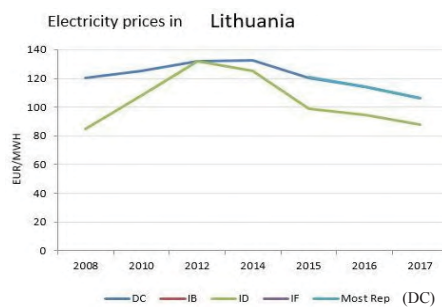


Gas prices for Industry (I3) – LT vs EU

| Electricity | DC | IB | ID | IF |
|-------------|-----------|----------------|-----------------|----------------|
| | Household | Small Industry | Medium Industry | Large Industry |

| Gas | D2 | I3 | I5 |
|-----|-----------|-----------------|----------------|
| | Household | Medium Industry | Large Industry |

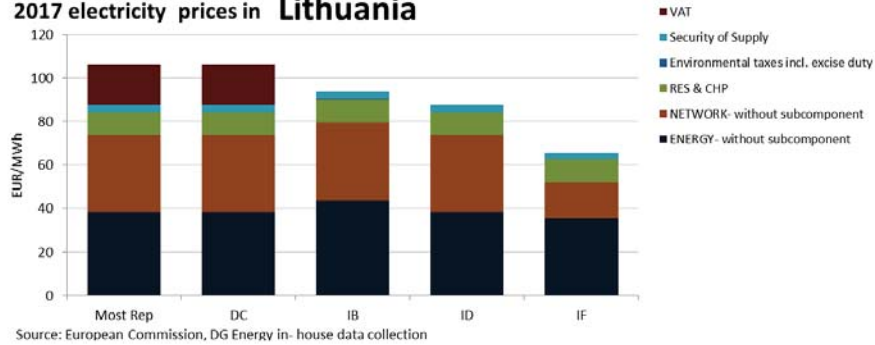
See footnote²



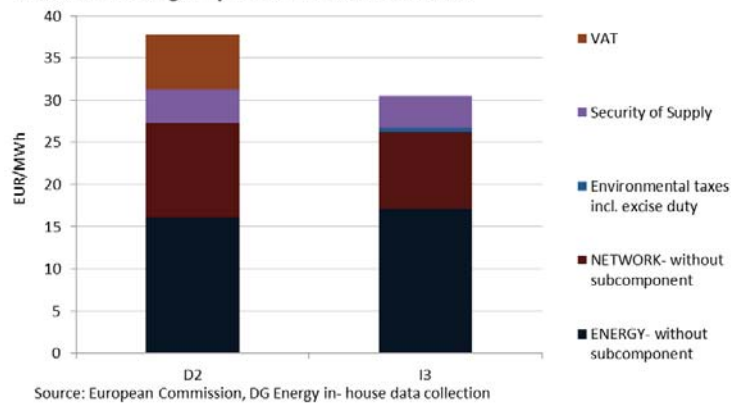
¹ Neighbour countries and EU 28. No gas household prices available for Greece for 2017.

² Annual electricity consumption: DB 1 - 2.5 MWh, DC 2.5 - 5 MWh, DD 5 - 15 MWh, DE above 15 MWh, IB 20-500 MWh, ID 2000-20000 MWh, IF 70000-150000 MWh. Annual Gas consumption: D2 20-200 GJ, I3 10000-100000 GJ, I5 1 mil - 4 mil GJ.

2017 electricity prices in Lithuania

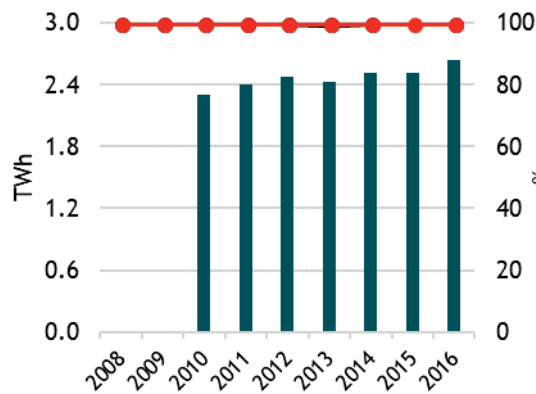


2017 natural gas prices in Lithuania

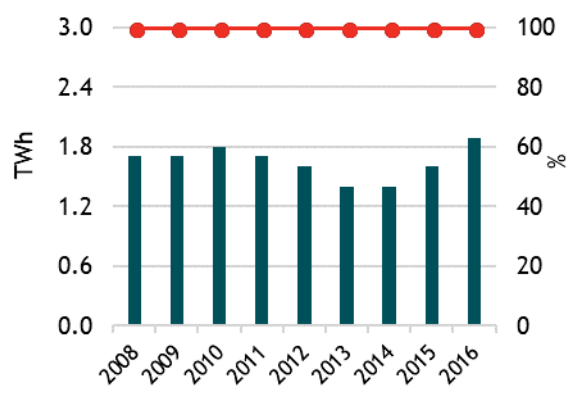


Price regulation

Price regulation in Lithuania, Electricity, Household (Price regulation still existent in 2016)

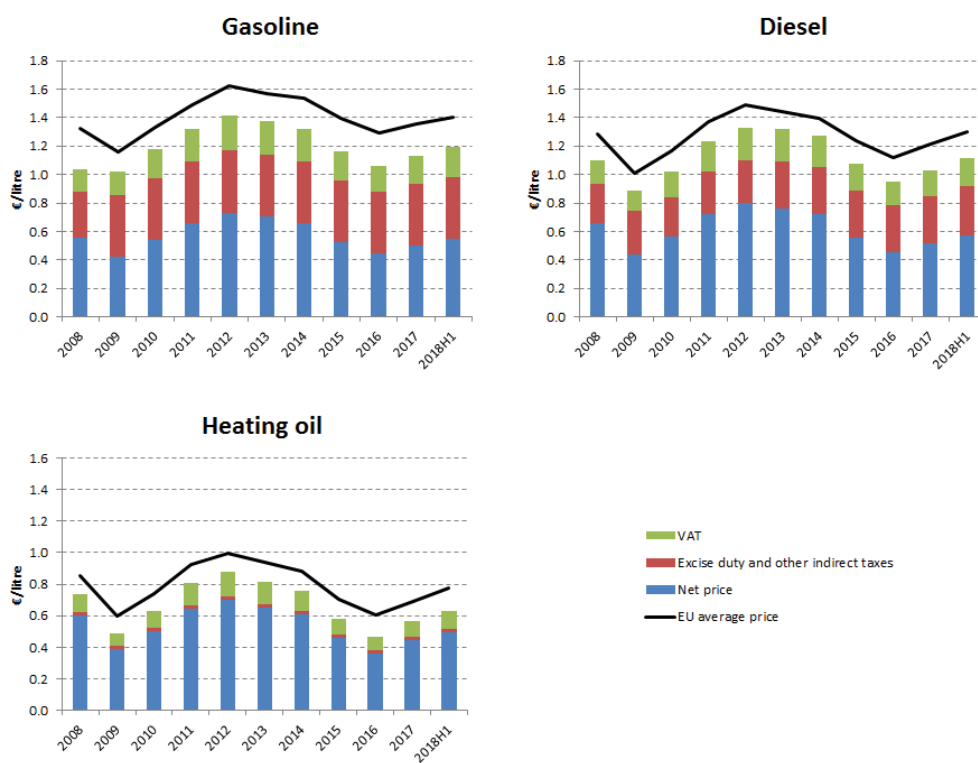


Price regulation in Lithuania, Gas, Household (Price regulation still existent in 2016)



■ Volume of the consumption of consumers with regulated prices (TWh)
 ● Share of consumers with regulated prices (%)
 ● Share of the consumption of regulated consumers out of total consumption (%)
 — Regulation phased out in (if phased out between 2008-2016)

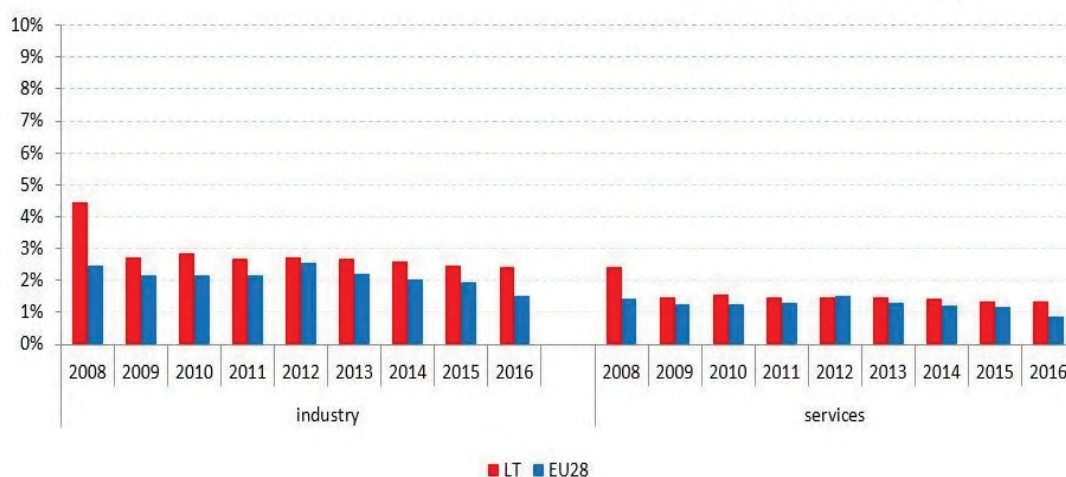
Oil products prices



Energy costs shares in total production costs

Share of energy costs in total production value in industry and services: LT vs. EU28

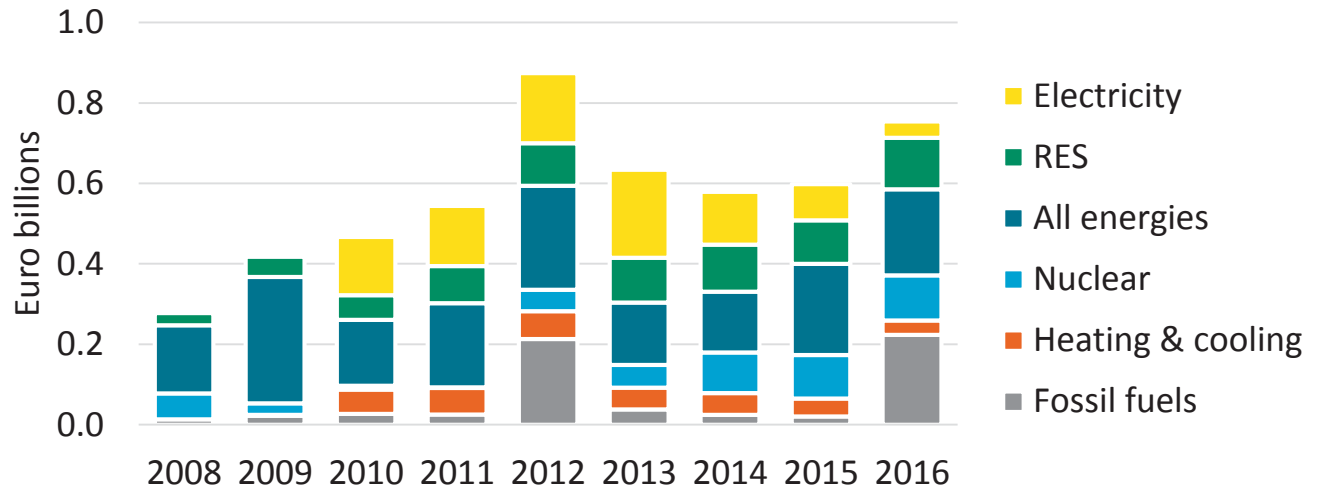
Source: ESTAT (SBS; NA), Primes, own calculations



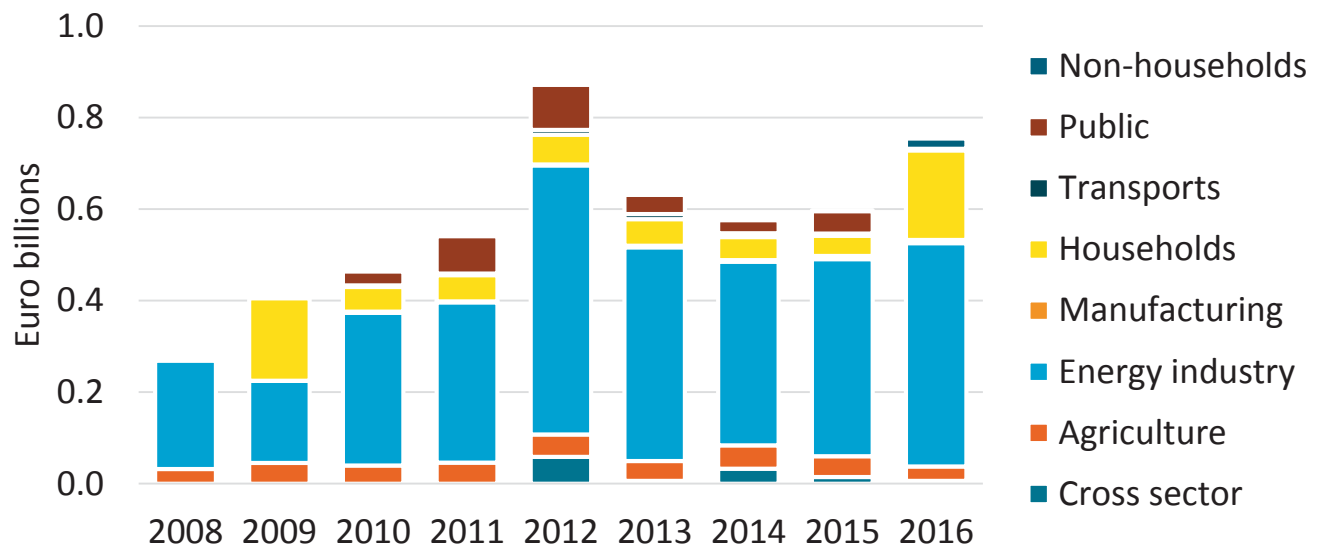
Notes: Data for Malta (prior to 2016), Poland (prior to 2015), Slovenia (prior to 2012) and Greece (prior to 2008) is not available. Data for Denmark, Sweden and the United Kingdom for 2016 was missing by the time of extraction

Financial support interventions

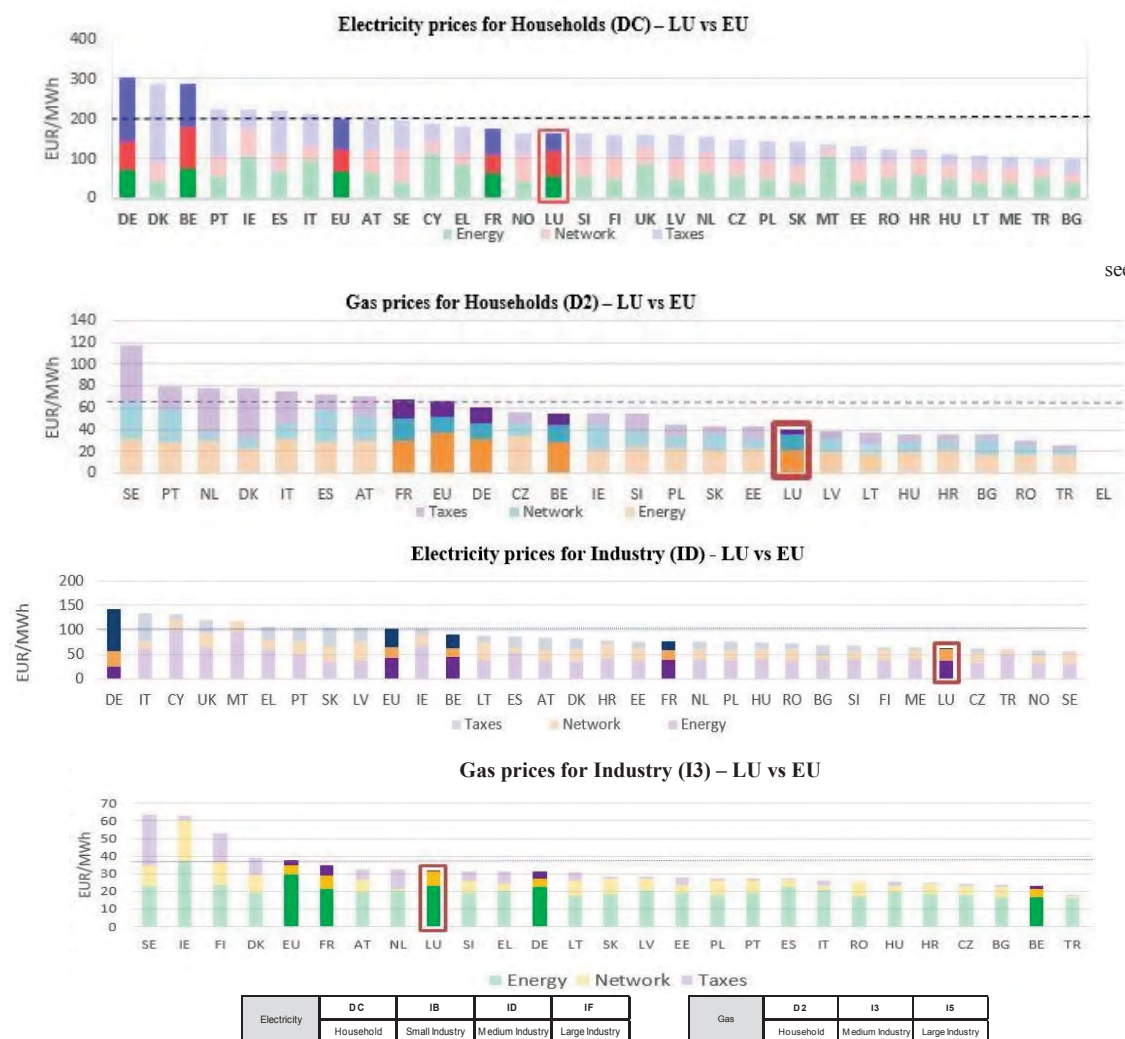
Financial support by energy/technology (billion euros)



Financial support by sector (billion euros)

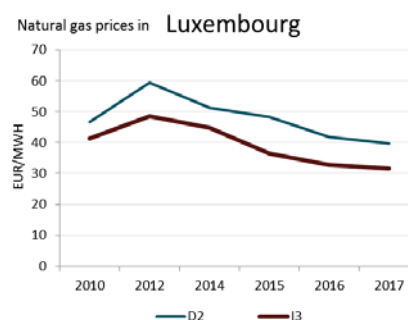
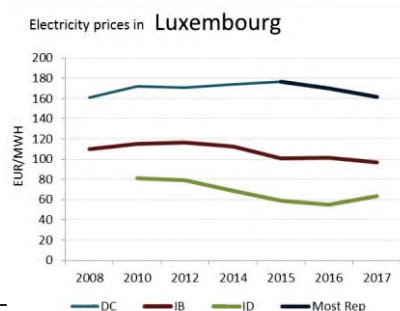


Luxembourg



see footnote¹

See footnote²

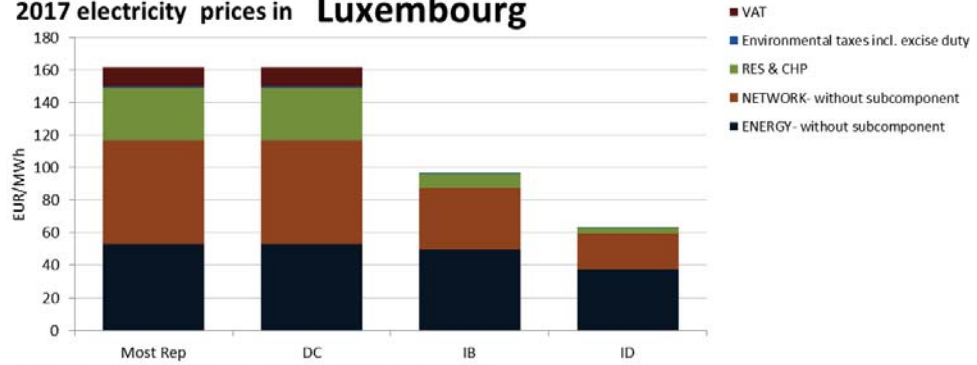


¹ Neighbour countries and EU 28. No gas household prices available for Greece for 2017.

² Annual electricity consumption: DB 1 - 2.5 MWh, DC 2.5 - 5 MWh, DD 5 - 15 MWh, DE above 15 MWh, IB 20-500 MWh, ID 2000-20000 MWh, IF 70000-150000 MWh. Annual Gas consumption: D2 20-200 GJ, I3 10000-100000 GJ, I5 1 mil - 4 mil GJ.

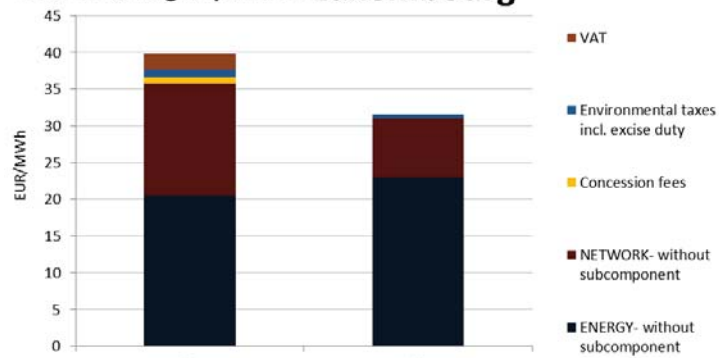
(DC)

2017 electricity prices in Luxembourg



Source: European Commission, DG Energy in- house data collection

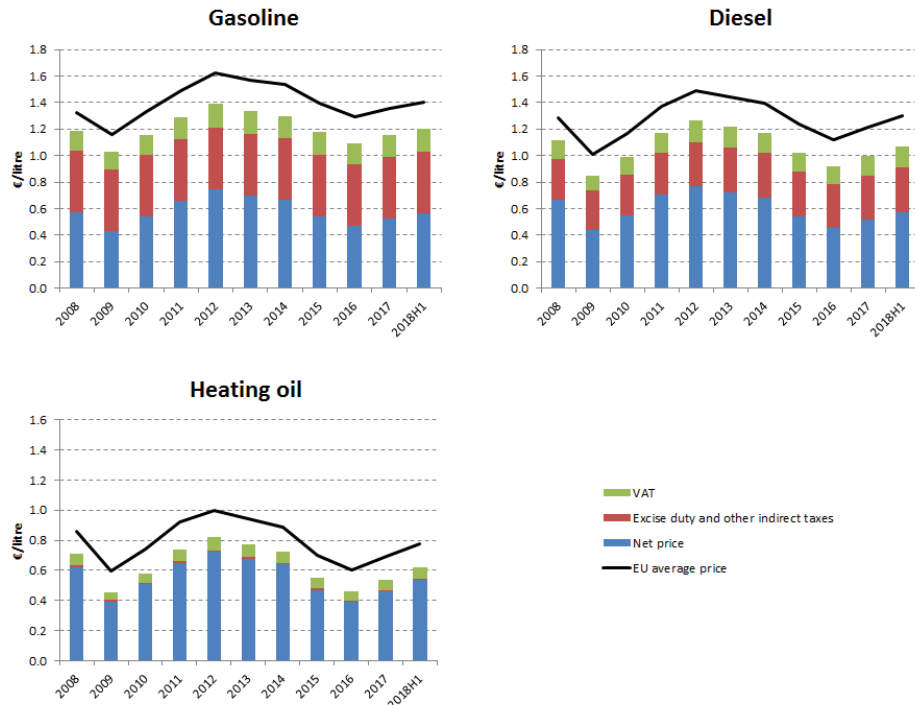
2017 natural gas prices in Luxembourg



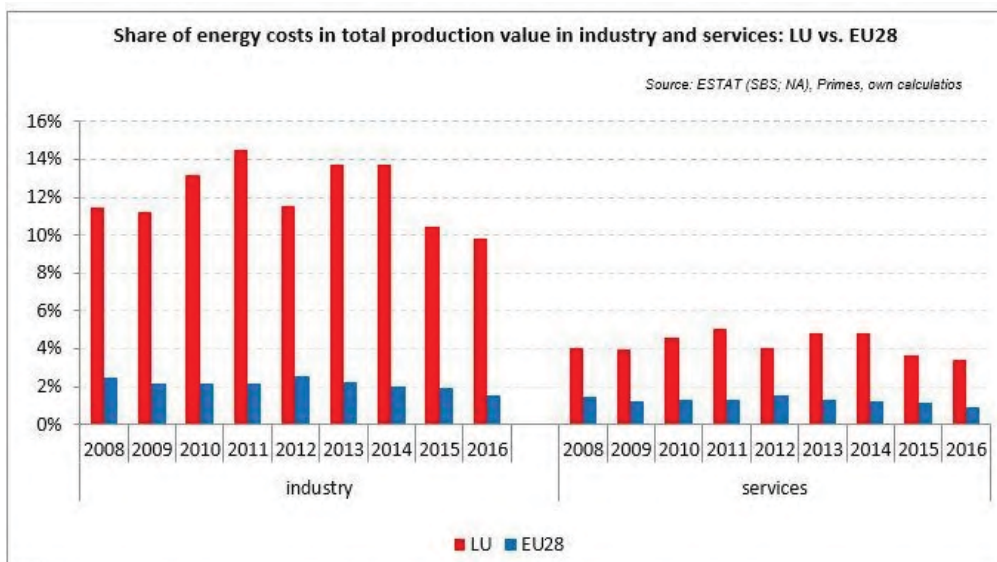
Source: European Commission, DG Energy in- house data collection

This country liberalised prices before 2008.
No social tariffs identified.

Oil products prices



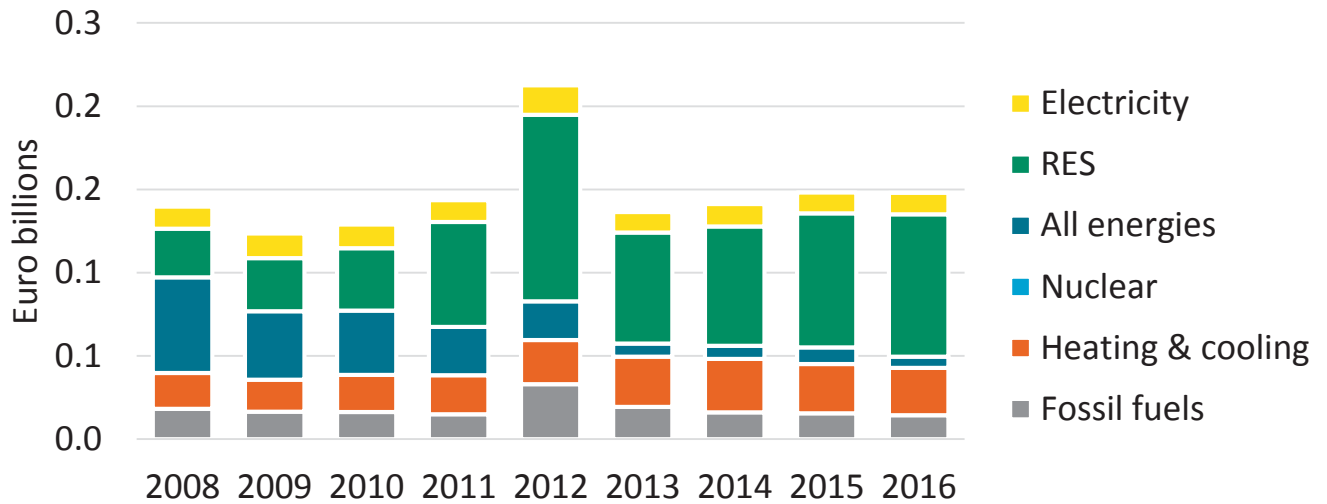
Energy costs shares in total production costs



Notes
 Data for Malta (prior to 2016), Poland (prior to 2015), Slovenia (prior to 2012) and Greece (prior to 2008) is not available
 Data for Denmark, Sweden and the United Kingdom for 2016 was missing by the time of extraction

Financial support interventions

Financial support by energy/technology (billion euros)



Financial support by sector (billion euros)

