



Brussels, 9.1.2019  
SWD(2019) 1 final

PART 10/11

**COMMISSION STAFF WORKING DOCUMENT**

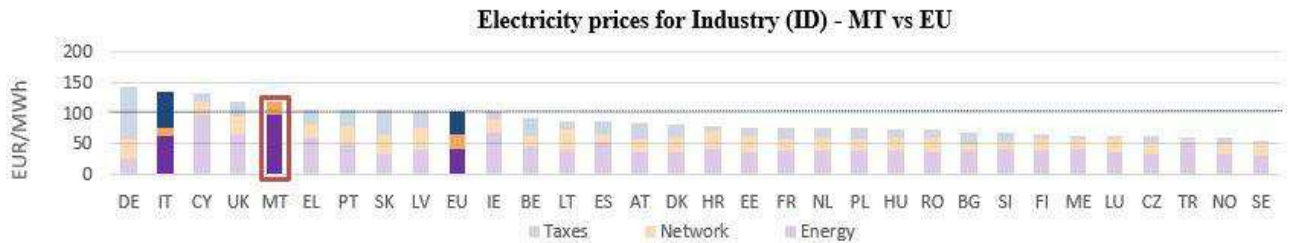
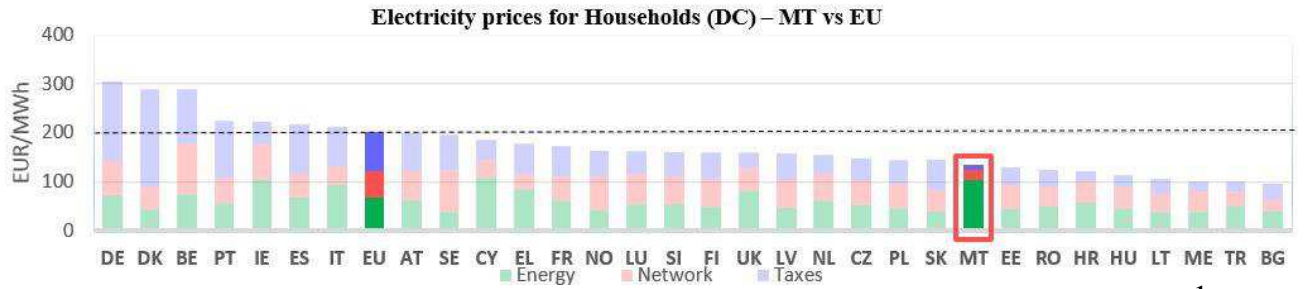
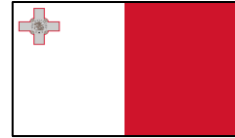
*Accompanying the document*

**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}

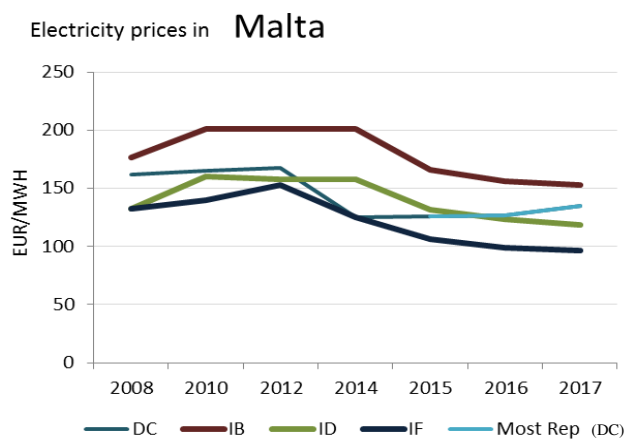
# Malta



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

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

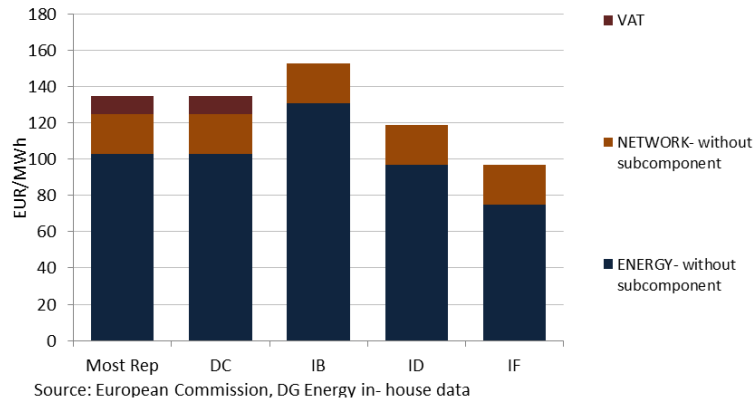
See footnote <sup>2</sup>



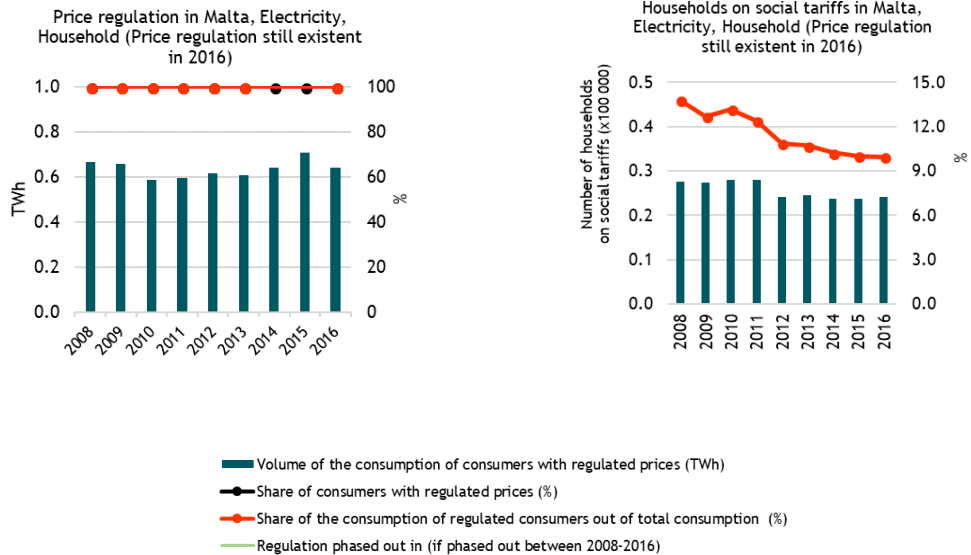
<sup>1</sup> Neighbour countries and EU 28. No gas household prices available for Greece for 2017.

<sup>2</sup> 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.

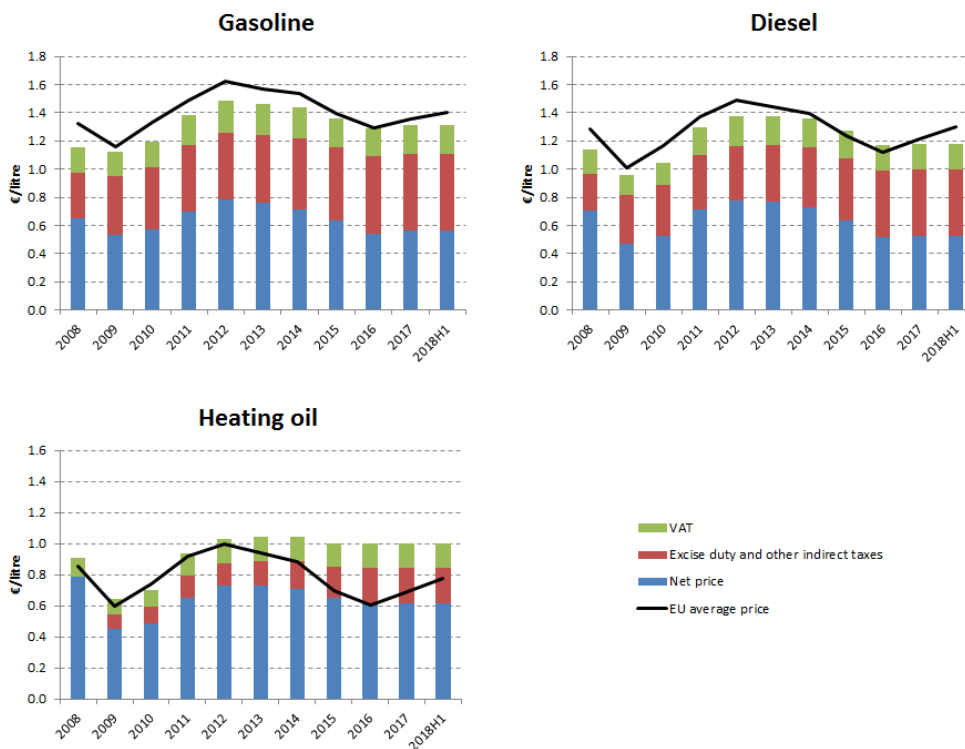
## 2017 electricity prices in Malta



## Price regulation



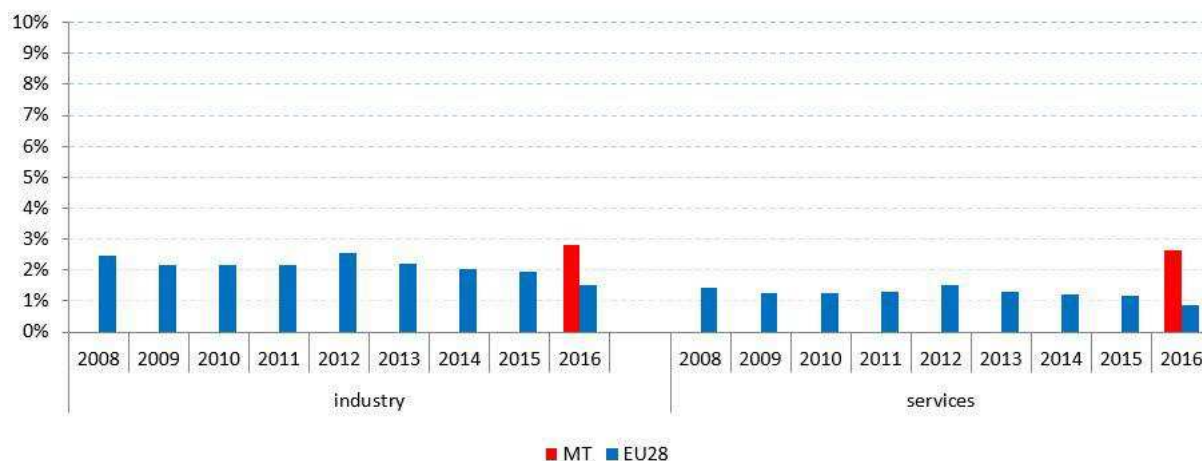
## Oil products prices



## Energy costs shares in total production costs

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

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

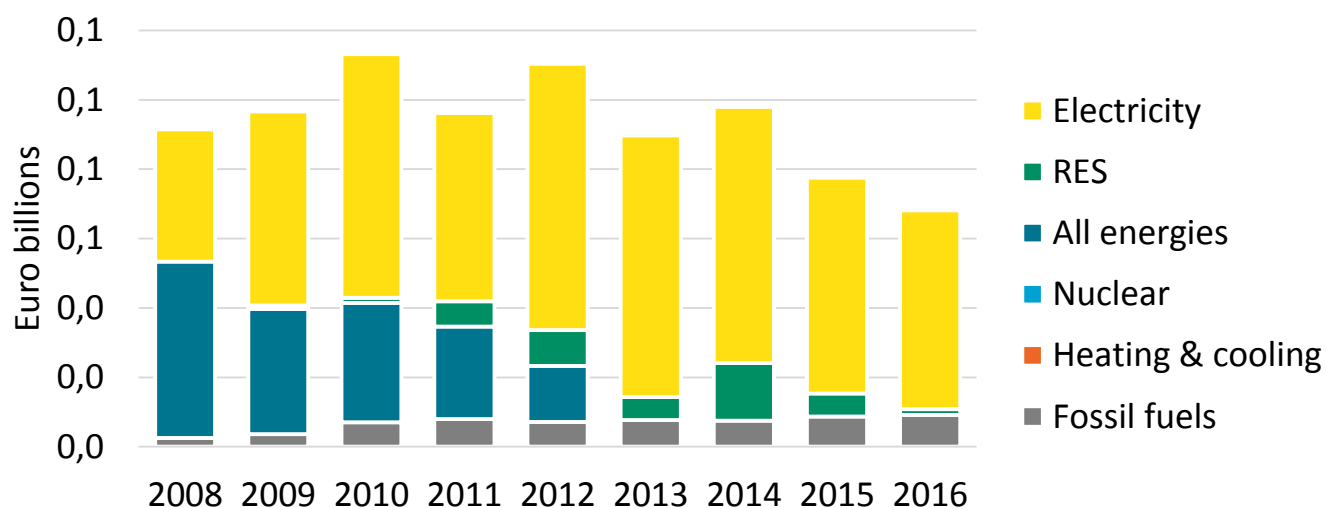


*Eurostat SBS data not available due to confidentiality issues*

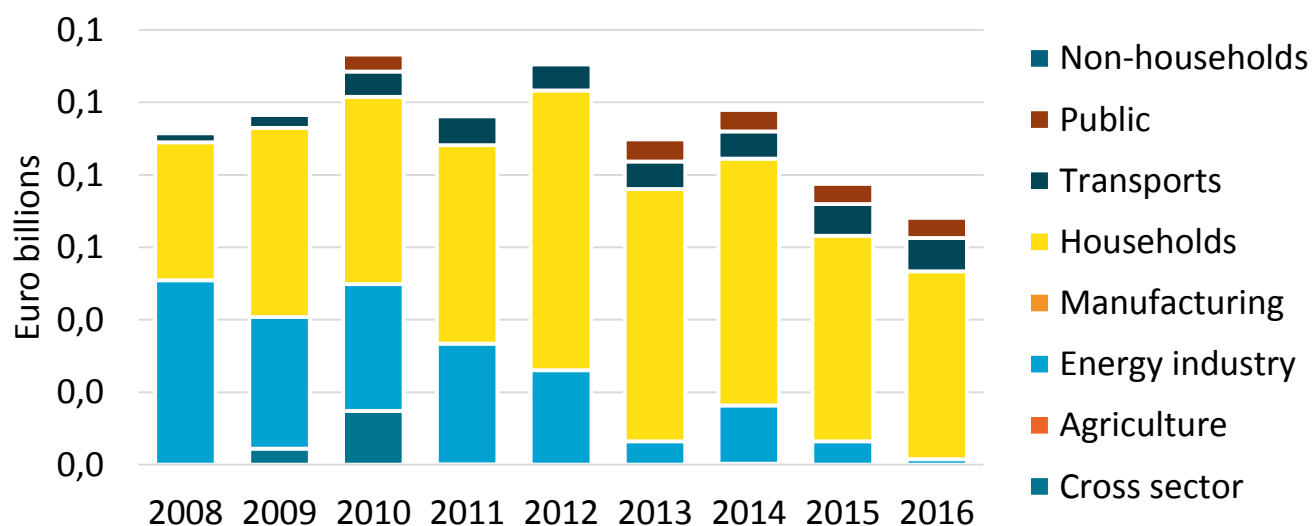
Notes: Data for Malta (prior to 2016), Poland (prior to 2015), Slovenia (prior to 2012) and Greece (prior to 2008) is not available. Data for Denmark, Sweden and the United Kingdom for 2016 was missing by the time of extraction

## Financial support interventions

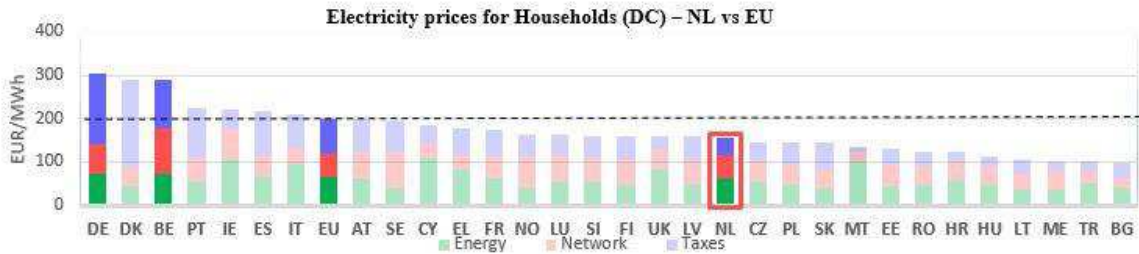
### Financial support by energy/technology (billion euros)



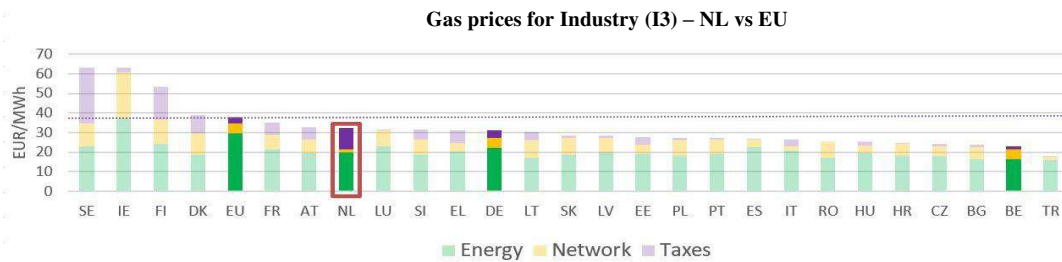
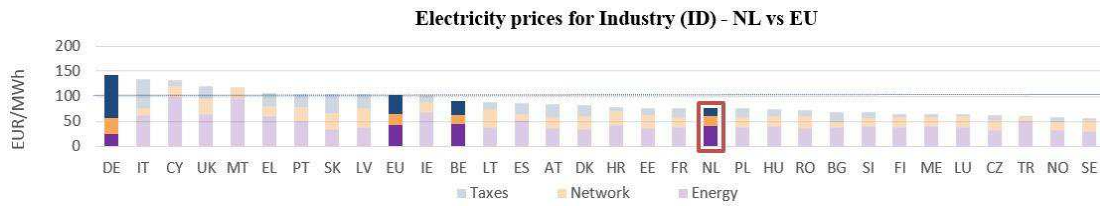
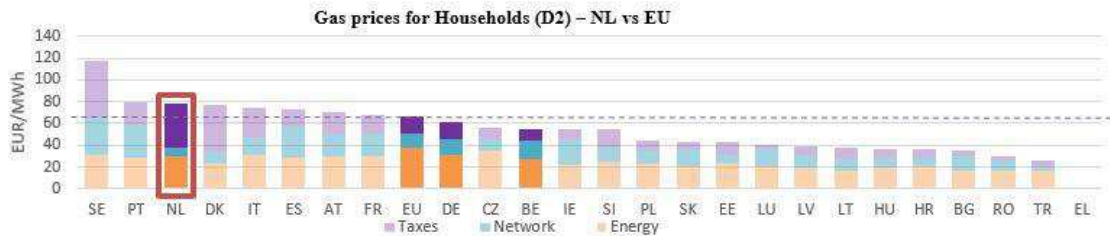
### Financial support by sector (billion euros)



# Netherlands



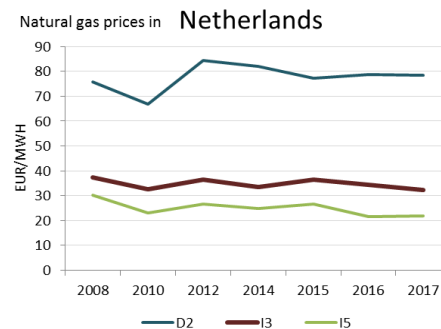
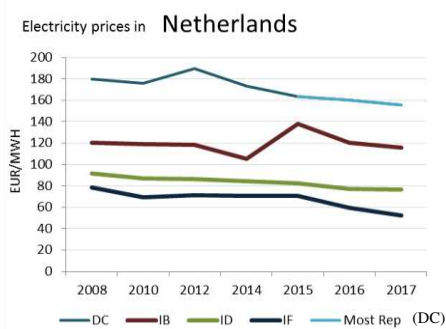
<sup>1</sup> see footnote



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

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

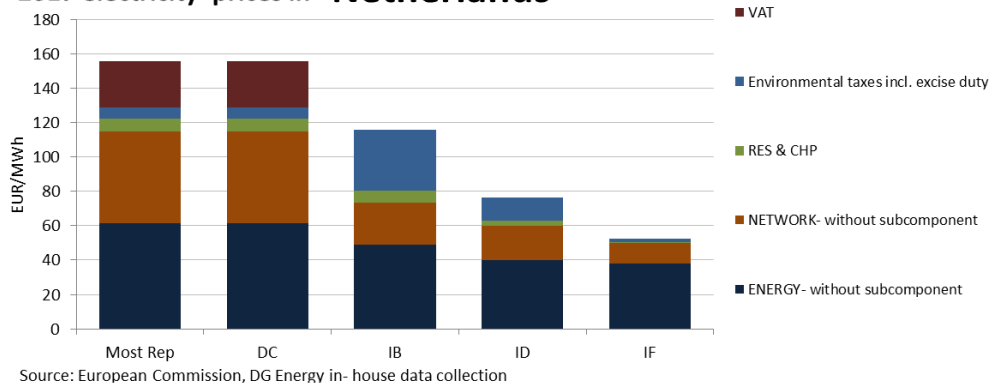
<sup>2</sup> See footnote



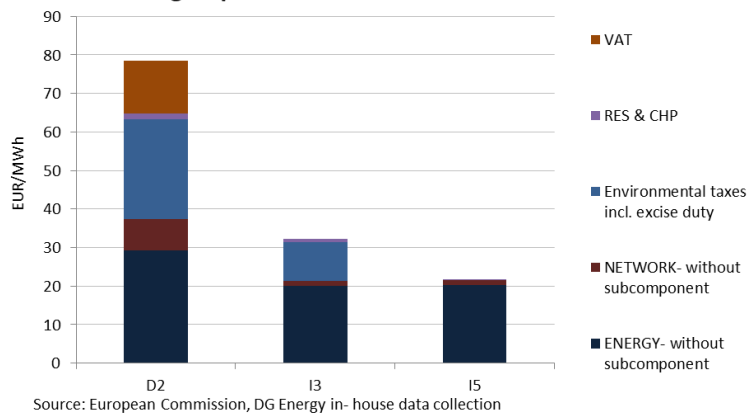
<sup>1</sup> Neighbour countries and EU 28. No gas household prices available for Greece for 2017.

<sup>2</sup> 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 Netherlands



## 2017 natural gas prices in Netherlands

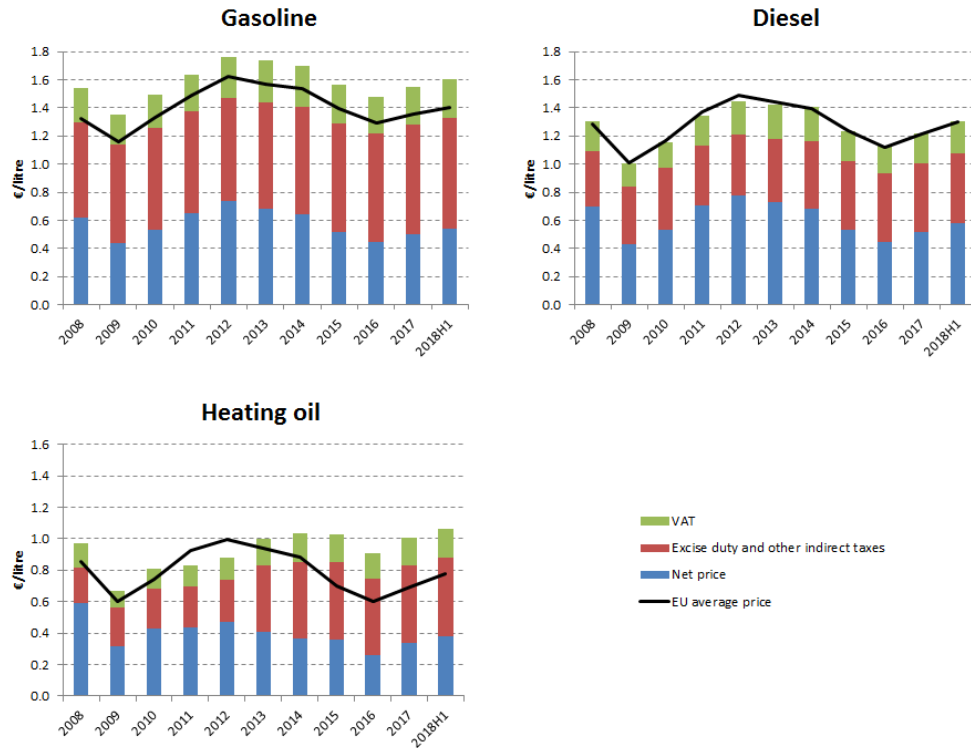



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This country liberalised prices before 2008.  
No social tariffs identified.

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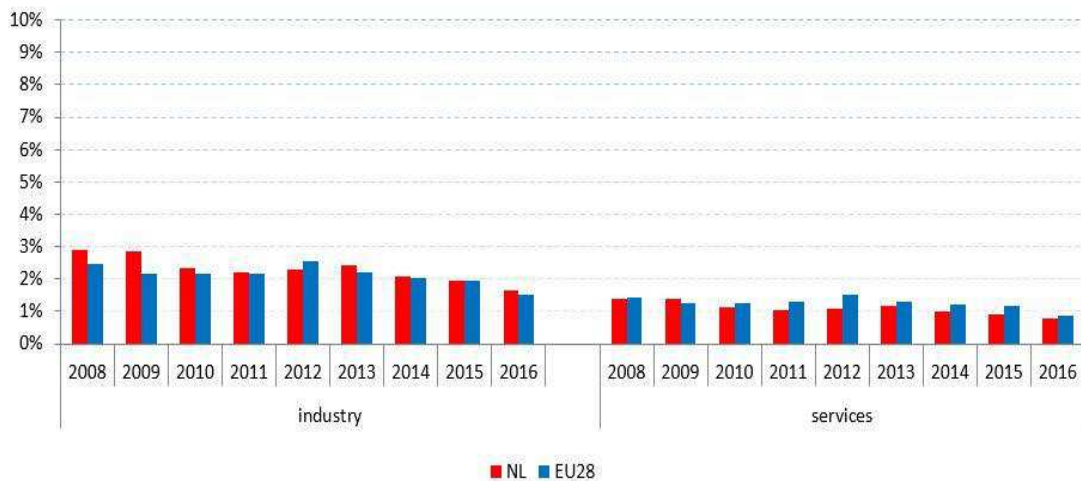
## Oil products prices



## Energy costs shares in total production costs

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

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

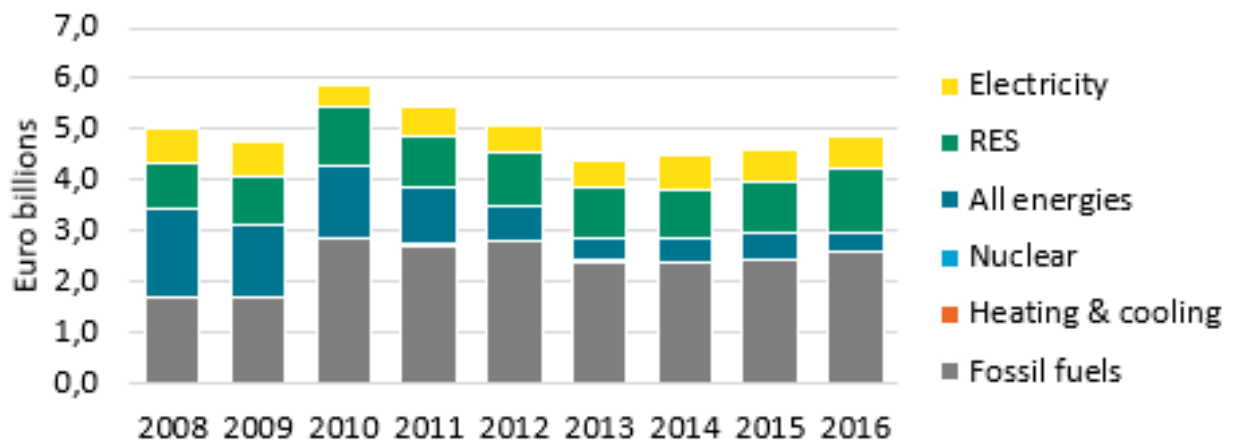


Notes: Data for Malta (prior to 2016), Poland (prior to 2015), Slovenia (prior to 2012) and Greece (prior to 2008) is not available. Data for Denmark, Sweden and the United Kingdom for 2016 was missing by the time of extraction

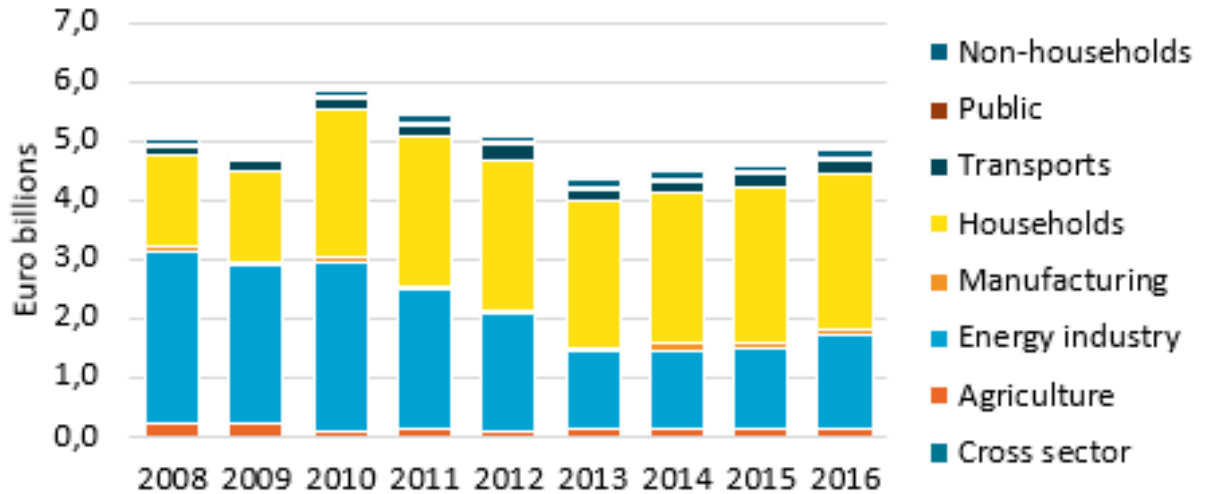


## Financial support interventions

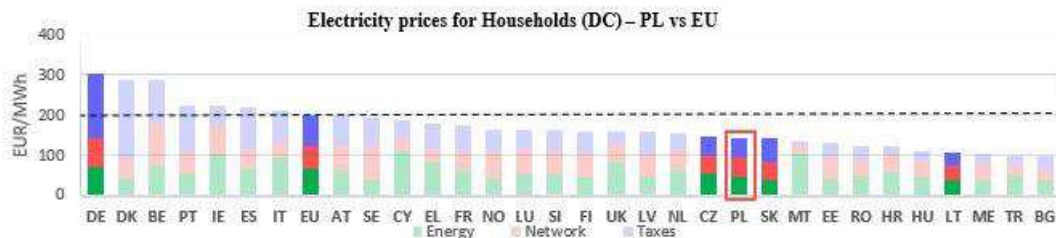
**Financial support by energy/technology (billion euros)**



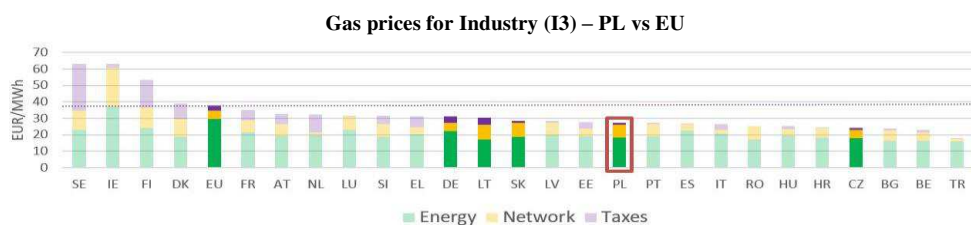
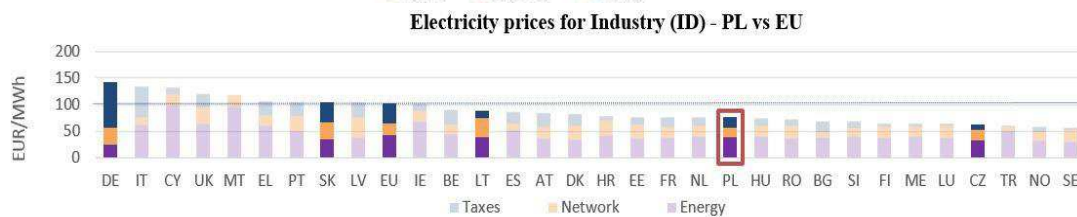
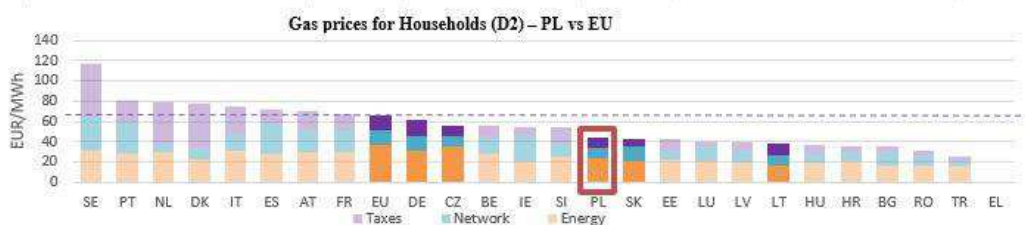
**Financial support by sector (billion euros)**



# Poland



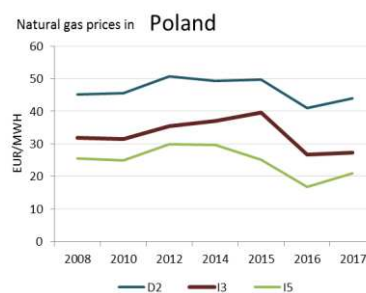
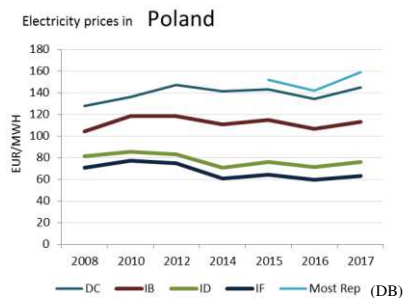
see footnote <sup>1</sup>



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

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

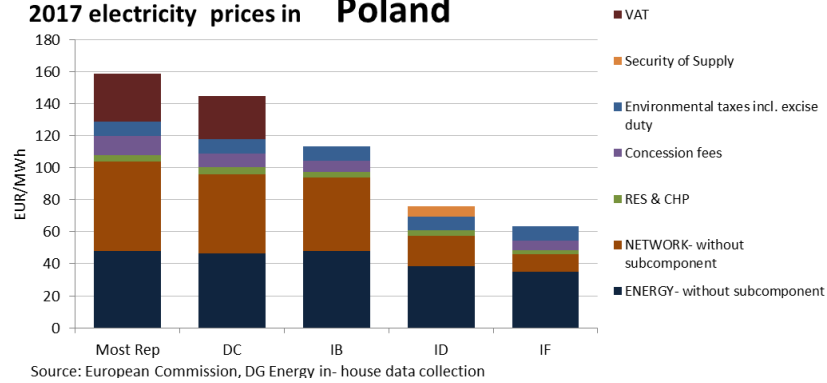
See footnote <sup>2</sup>



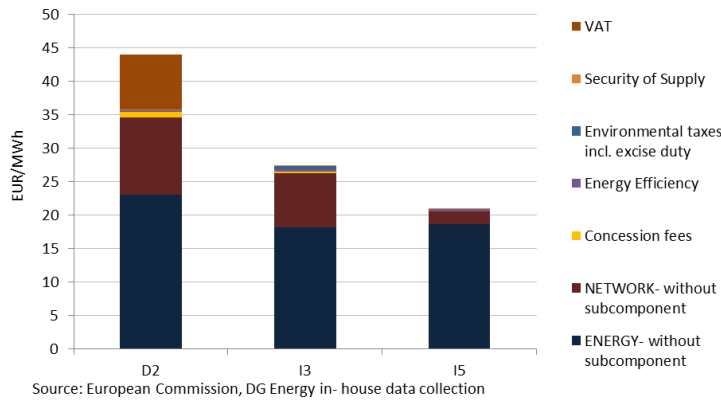
<sup>1</sup> Neighbour countries and EU 28. No gas household prices available for Greece for 2017.

<sup>2</sup> 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 Poland

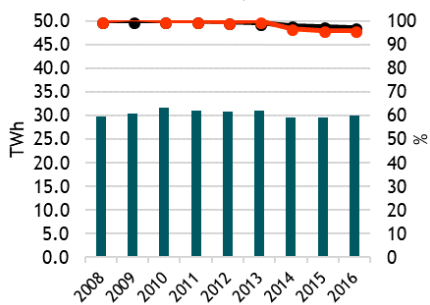


## 2017 natural gas prices in Poland

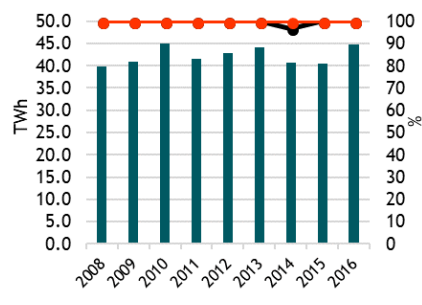


## Price regulation

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

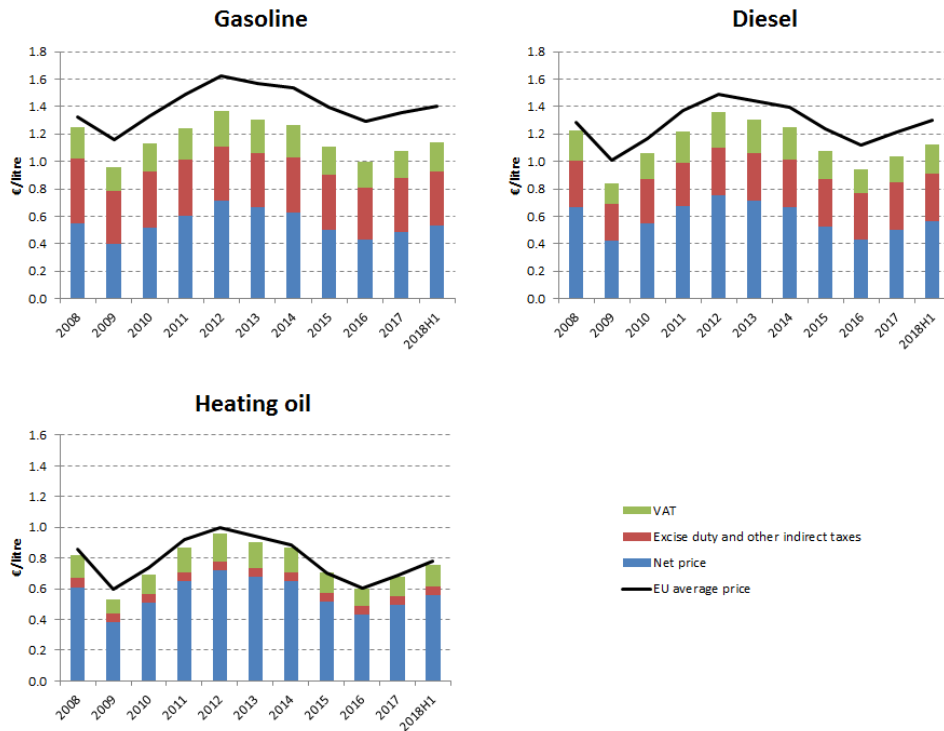


Price regulation in Poland, Gas, Household (Price regulation still existent in 2016)



■ 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)

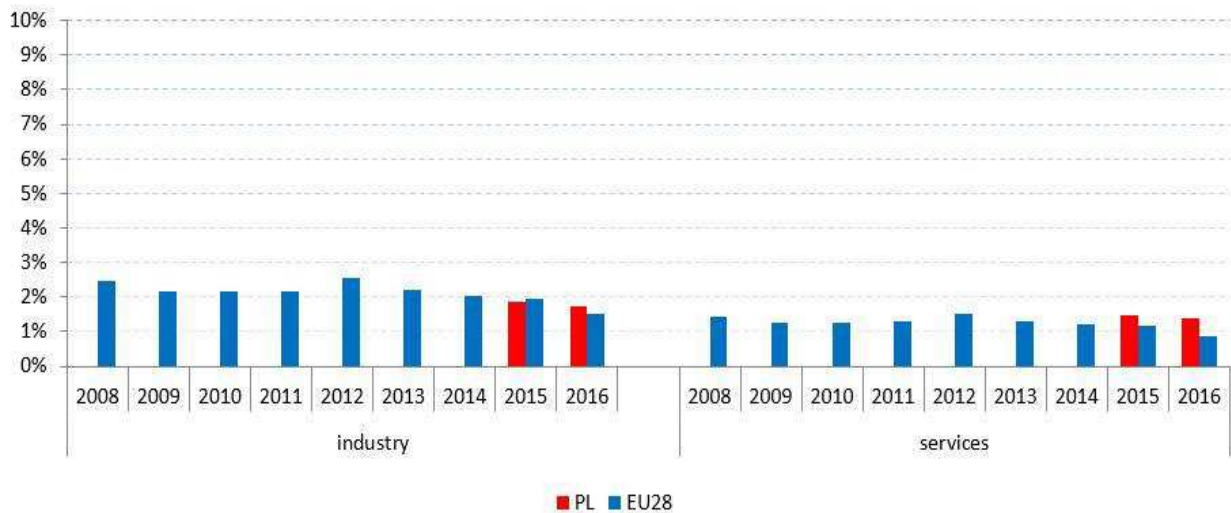
## Oil products prices



## Energy costs shares in total production costs

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

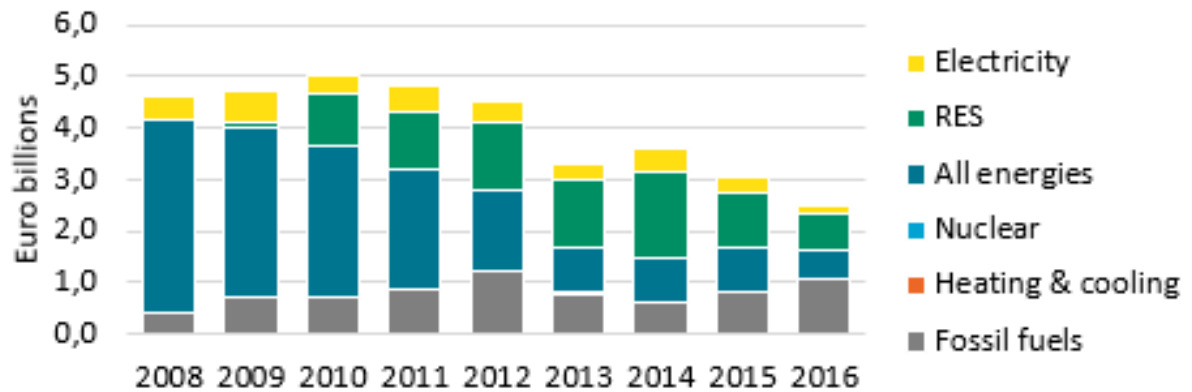
Source: ESTAT (SBS; NA), Primes, own calculations



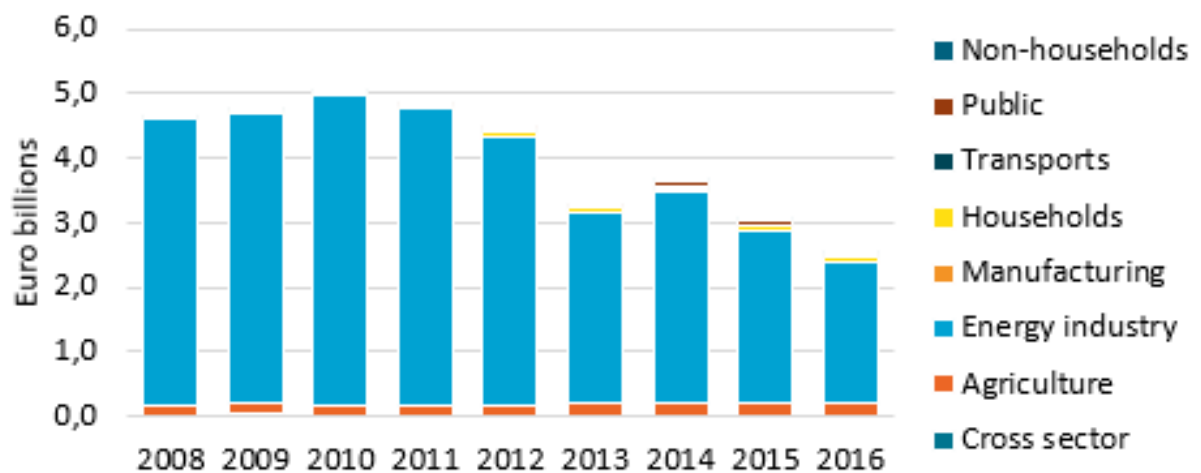
Notes: Data for Malta (prior to 2016), Poland (prior to 2015), Slovenia (prior to 2012) and Greece (prior to 2008) is not available. Data for Denmark, Sweden and the United Kingdom for 2016 was missing by the time of extraction

## Financial support interventions

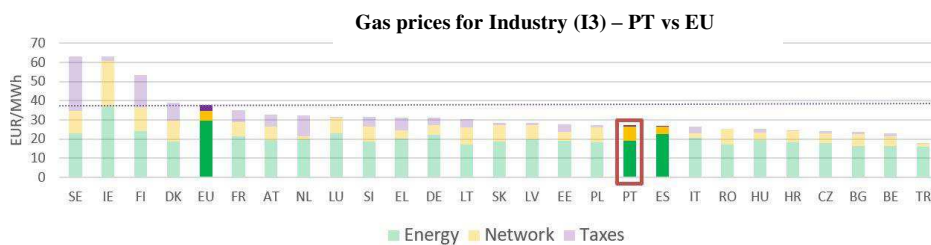
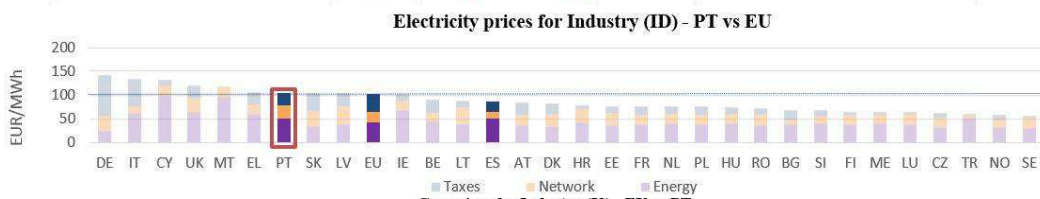
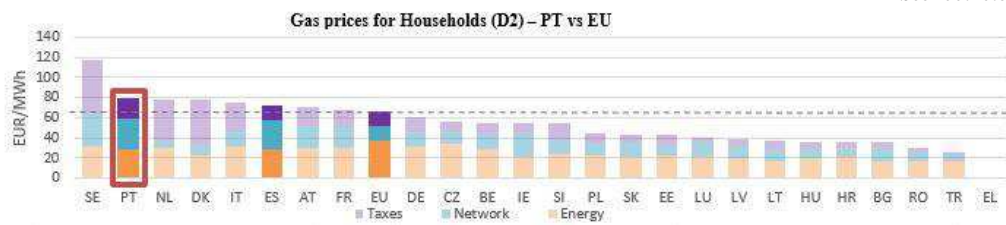
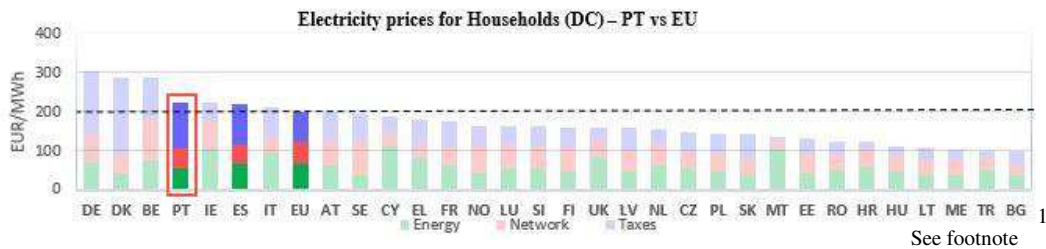
### Financial support by energy/technology (billion euros)



### Financial support by sector (billion euros)



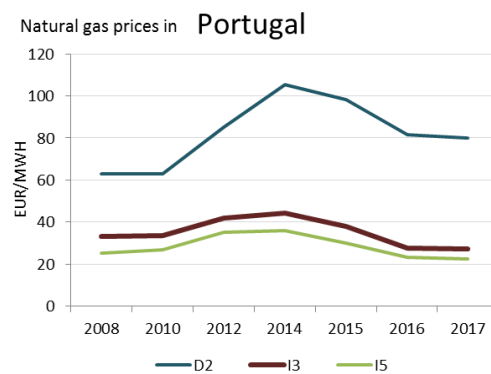
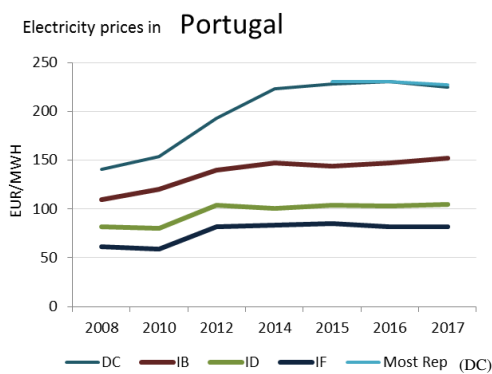
# Portugal



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

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

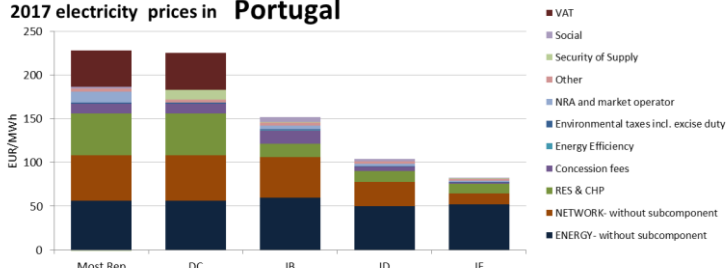
See footnote 2



<sup>1</sup> Neighbour countries and EU 28. No gas household prices available for Greece for 2017.

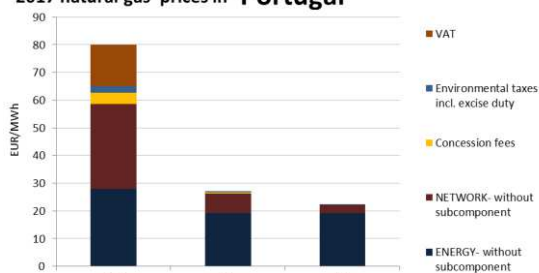
<sup>2</sup> Annual electricity consumption: DB 1 - 2.5 MWh, DC 2.5 - 5 MWh, DD 5 - 15 MWh, DE above 15 MWh, IB 20-500 MWh, ID 2000-20000 MWh, IF 70000-150000 MWh. Annual Gas consumption: D2 20-200 GJ, I3 10000-100000 GJ, I5 1 mil - 4 mil GJ.

### 2017 electricity prices in Portugal



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

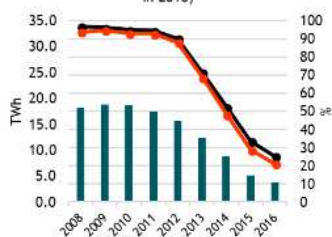
### 2017 natural gas prices in Portugal



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

## Price regulation

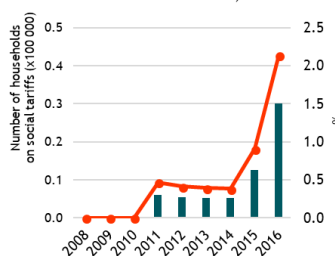
Price regulation in Portugal, Electricity, Household (Price regulation still existent in 2016)



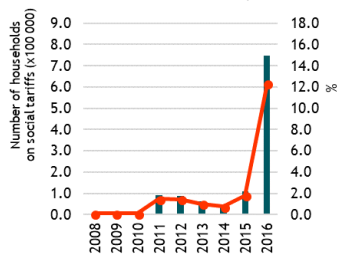
Price regulation in Portugal, Gas, Household (Price regulation still existent in 2016)



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

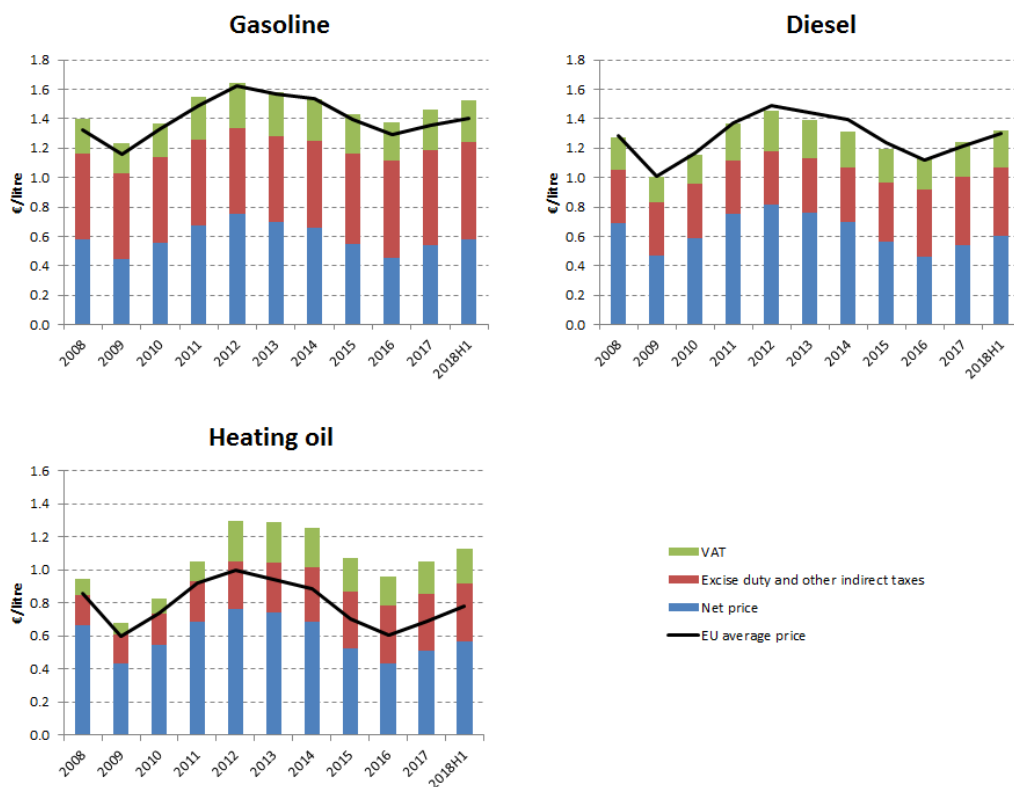


Households on social tariffs in Portugal, Electricity, Household (Price regulation still existent in 2016)



■ 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)

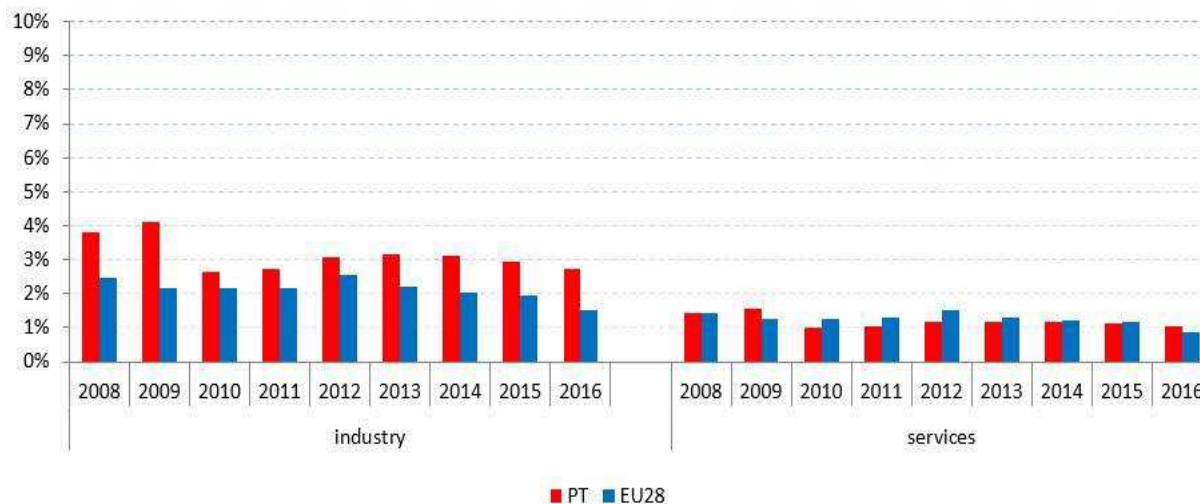
## Oil products prices



## Energy costs shares in total production costs

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

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

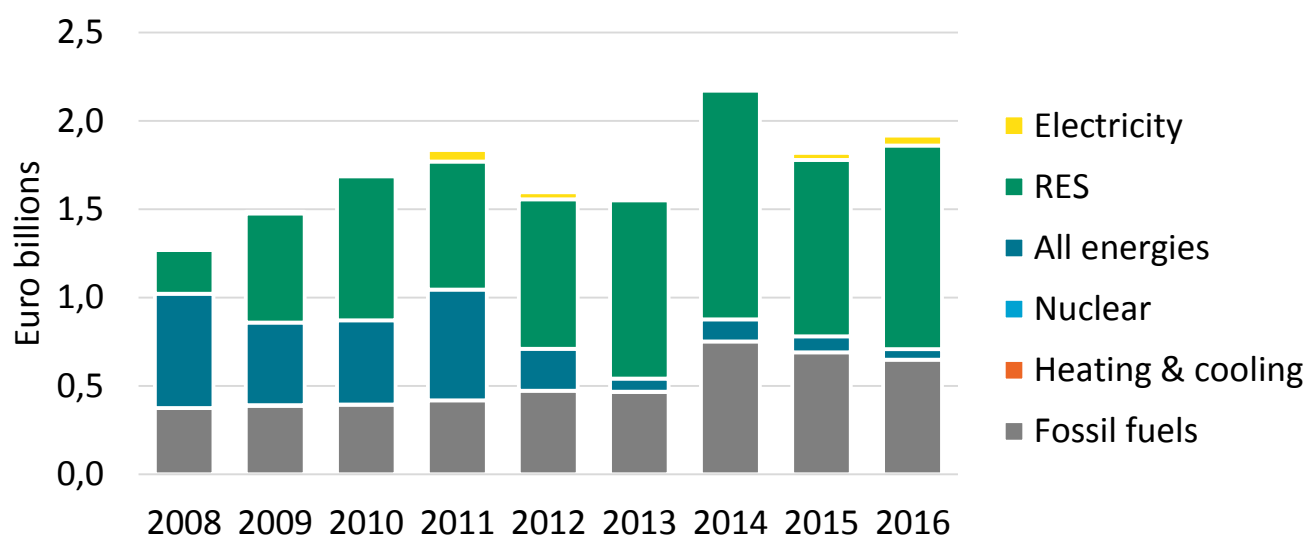


Notes: Data for Malta (prior to 2016), Poland (prior to 2015), Slovenia (prior to 2012) and Greece (prior to 2008) is not available. Data for Denmark, Sweden and the United Kingdom for 2016 was missing by the time of extraction

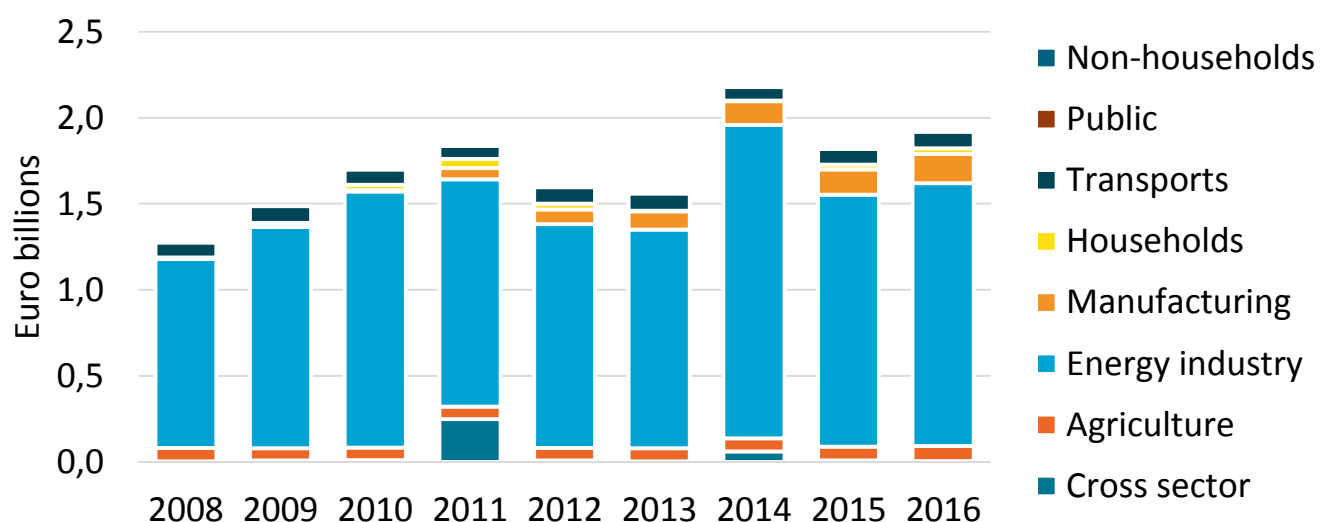


## Financial support interventions

### Financial support by energy/technology (billion euros)



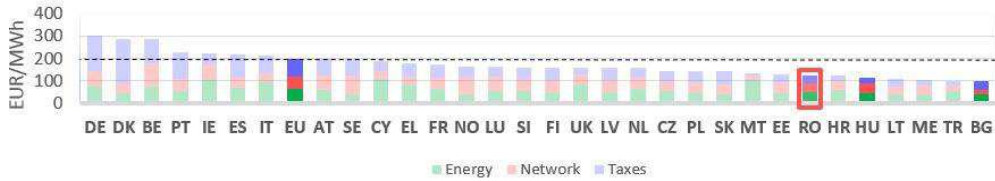
### Financial support by sector (billion euros)



# Romania

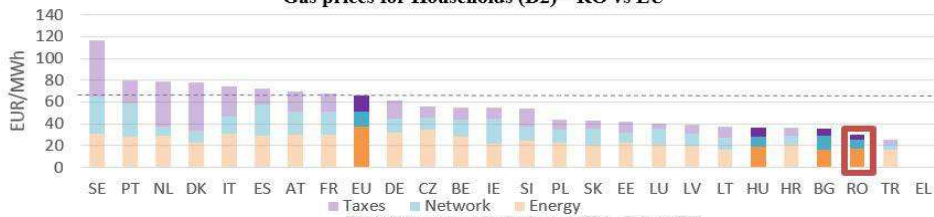


Electricity prices for Households (DC) – RO vs EU

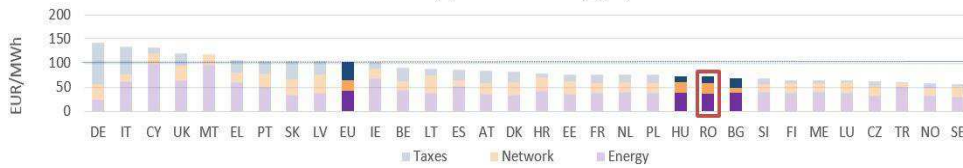


see footnote <sup>1</sup>

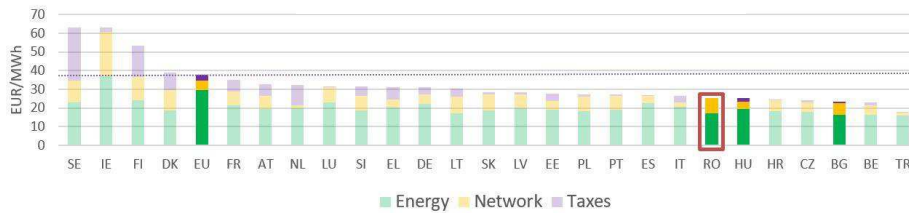
Gas prices for Households (D2) – RO vs EU



Electricity prices for Industry (ID) – RO vs EU



Gas prices for Industry (I3) – RO vs EU

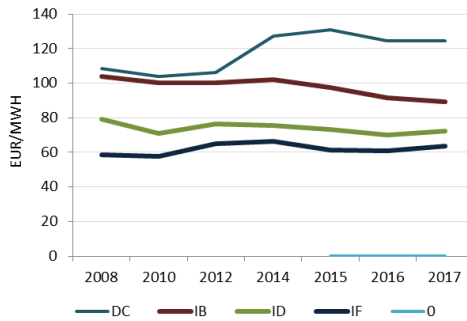


| Electricity | DC        | IB             | ID              | IF             |
|-------------|-----------|----------------|-----------------|----------------|
|             | Household | Small Industry | Medium Industry | Large Industry |

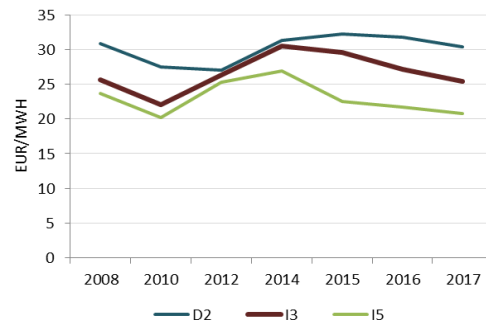
| Gas | D2        | I3              | I5             |
|-----|-----------|-----------------|----------------|
|     | Household | Medium Industry | Large Industry |

See footnote <sup>2</sup>

Electricity prices in Romania



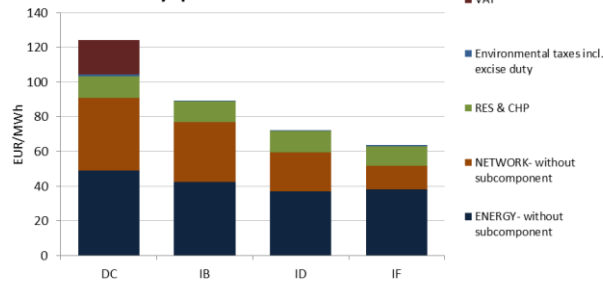
Natural gas prices in Romania



<sup>1</sup> Neighbour countries and EU 28. No gas household prices available for Greece for 2017.

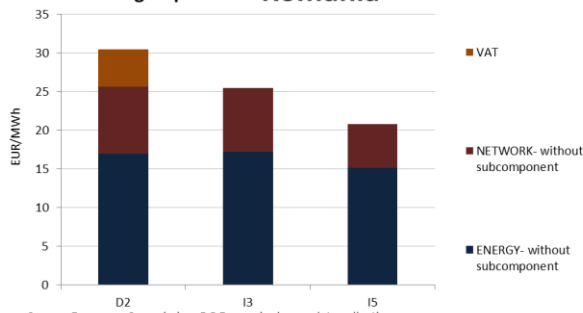
<sup>2</sup> Annual electricity consumption: DB 1 - 2.5 MWh, DC 2.5 - 5 MWh, DD 5 - 15 MWh, DE above 15 MWh, IB 20-500 MWh, ID 2000-20000 MWh, IF 70000-150000 MWh. Annual Gas consumption: D2 20-200 GJ, I3 10000-100000 GJ, I5 1 mil - 4 mil GJ.

### 2017 electricity prices in Romania



Source: European Commission, DG Energy in-house data

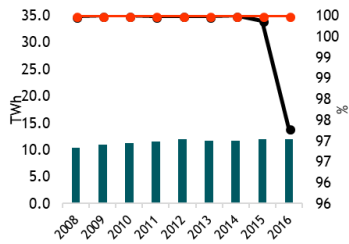
### 2017 natural gas prices in Romania



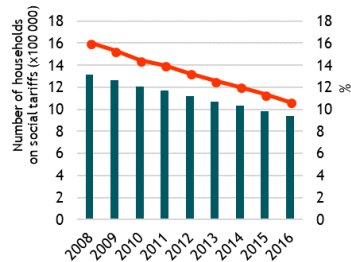
Source: European Commission, DG Energy in-house data collection

## Price regulation

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

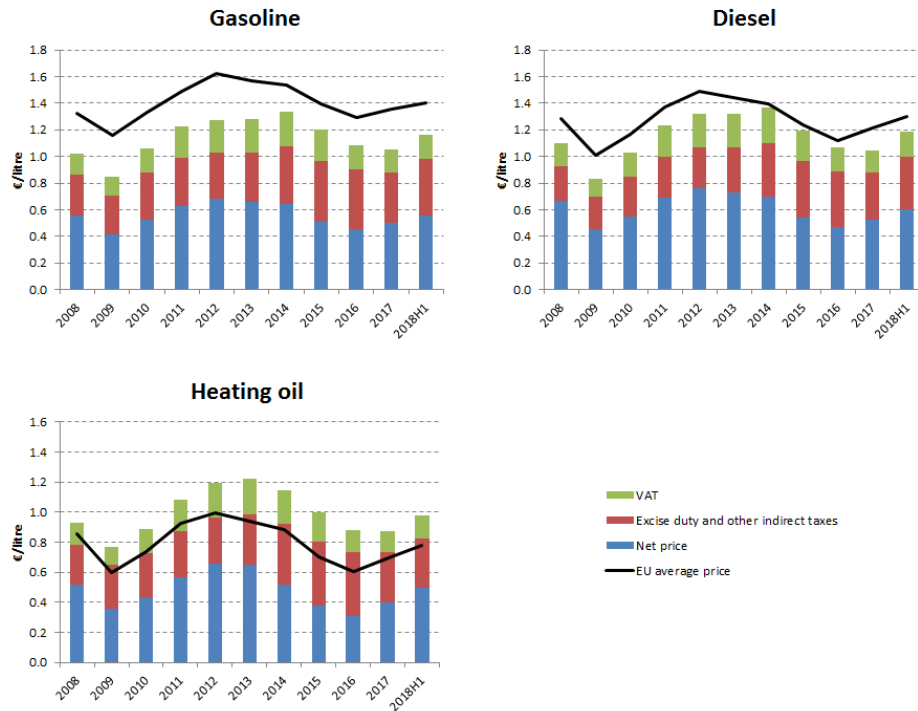


Households on social tariffs in Romania, Electricity, Household (Price regulation still existent in 2016)



■ 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)

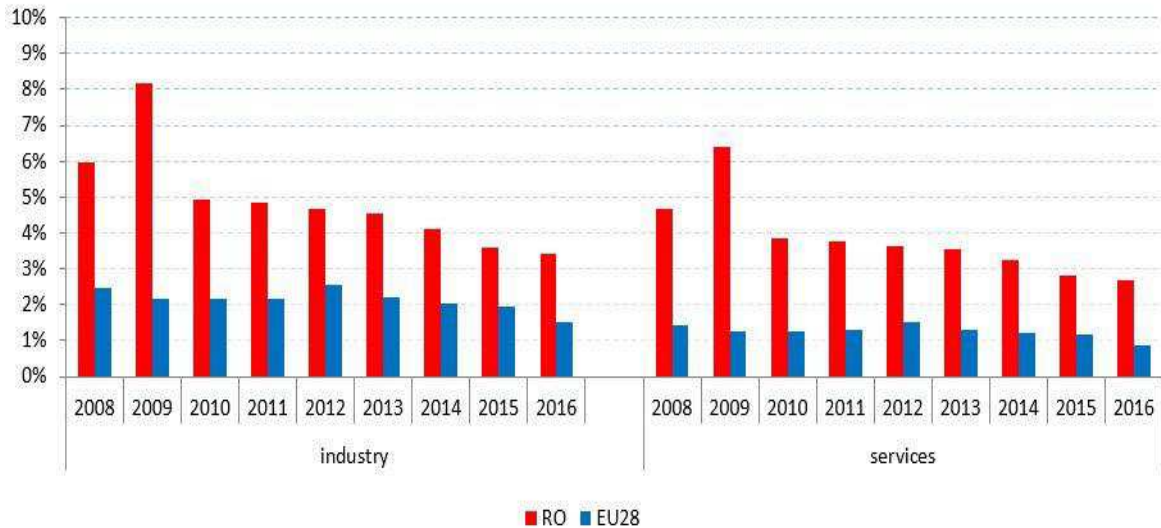
## Oil products prices



## Energy costs shares in total production costs

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

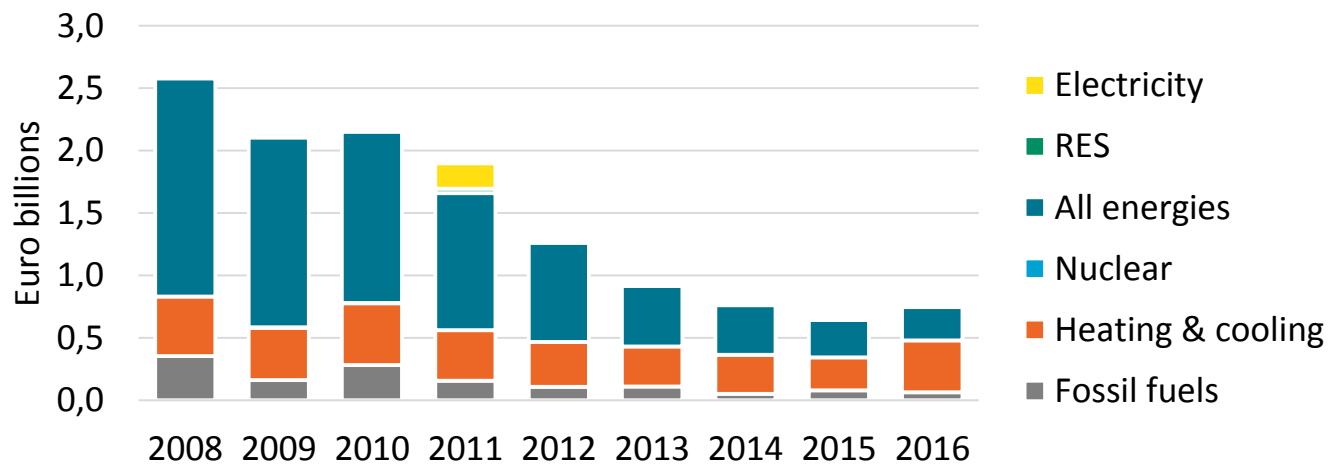
Source: ESTAT (SBS; NA), Primes, own calculations



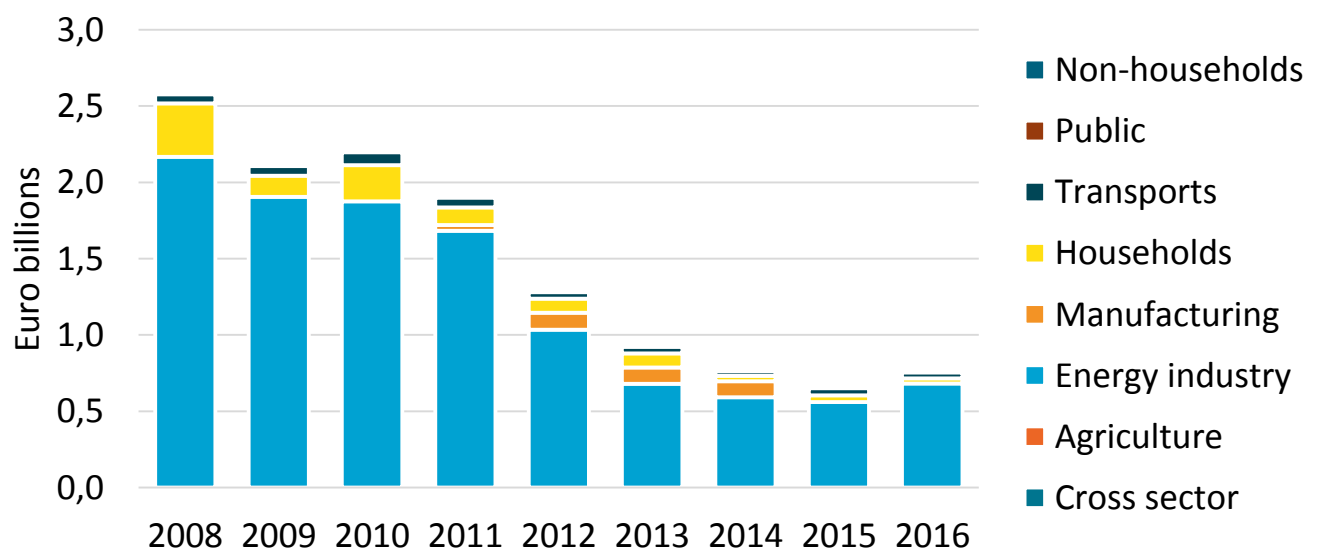
Notes: Data for Malta (prior to 2016), Poland (prior to 2015), Slovenia (prior to 2012) and Greece (prior to 2008) is not available. Data for Denmark, Sweden and the United Kingdom for 2016 was missing by the time of extraction

## Financial support interventions

### Financial support by energy/technology (billion euros)



### Financial support by sector (billion euros)



# Slovakia

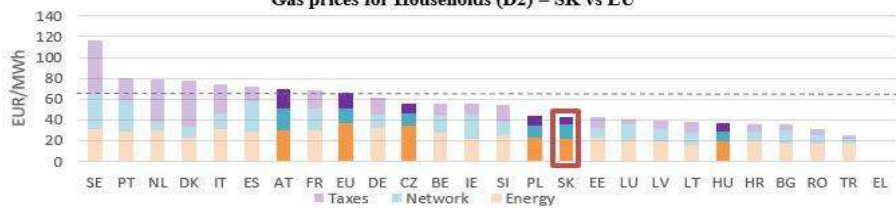


Electricity prices for Households (DC) – SK vs EU

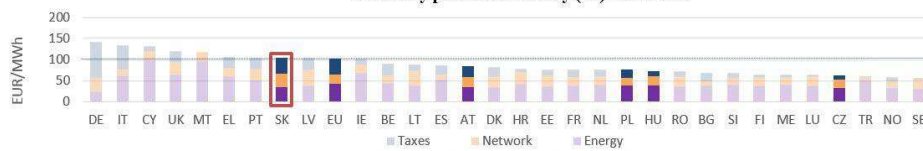


See footnote 1

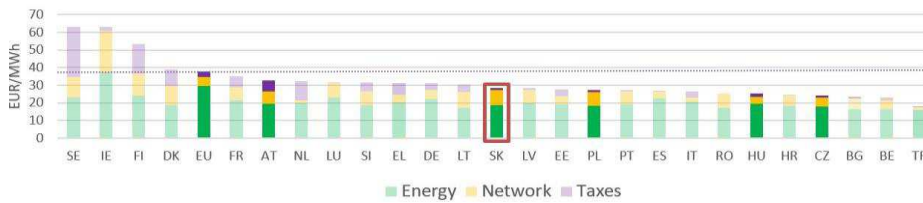
Gas prices for Households (D2) – SK vs EU



Electricity prices for Industry (ID) – SK vs EU



Gas prices for Industry (I3) – SK vs EU

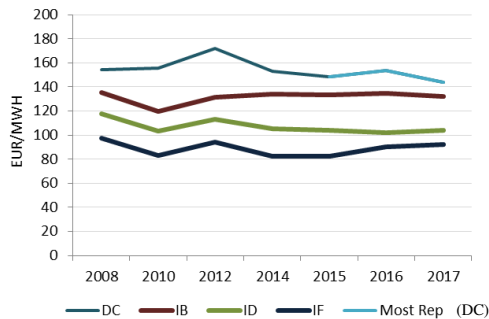


| Electricity | D C       | I B            | I D             | I F            |
|-------------|-----------|----------------|-----------------|----------------|
|             | Household | Small Industry | Medium Industry | Large Industry |

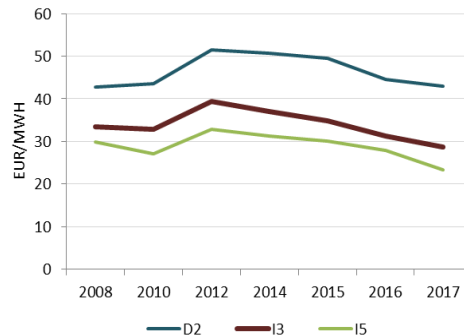
| Gas | D 2       | I 3             | I 5            |
|-----|-----------|-----------------|----------------|
|     | Household | Medium Industry | Large Industry |

See footnote 2

Electricity prices in Slovakia



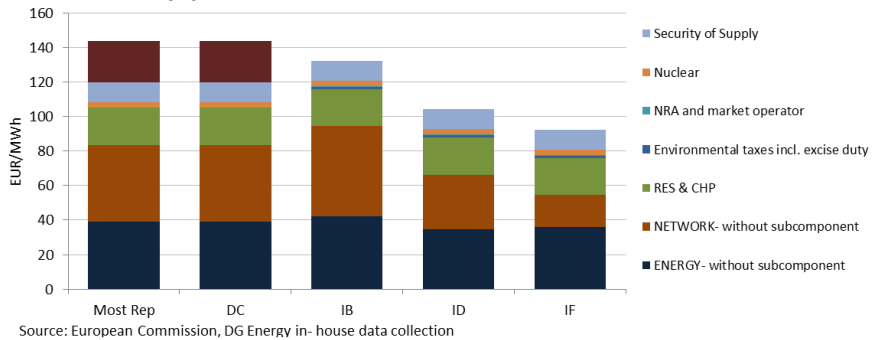
Natural gas prices in Slovakia



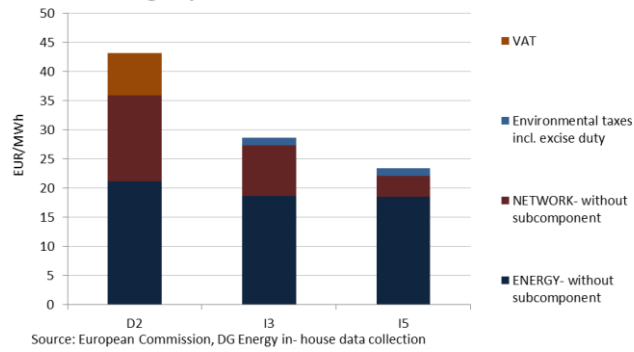
<sup>1</sup> Neighbour countries and EU 28. No gas household prices available for Greece for 2017.

<sup>2</sup> 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.

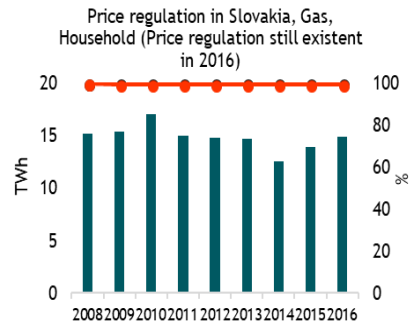
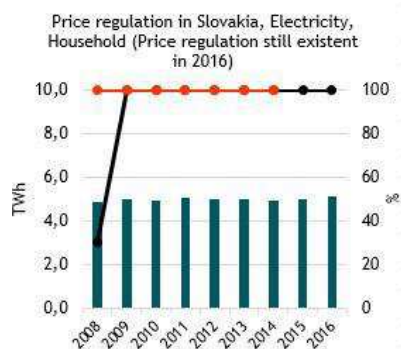
## 2017 electricity prices in Slovakia



## 2017 natural gas prices in Slovakia

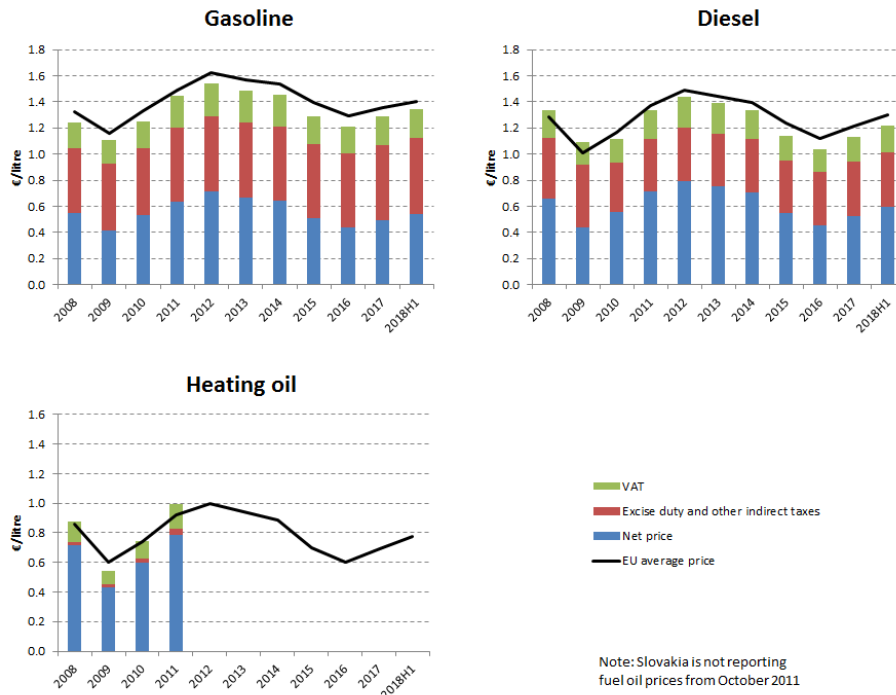


## Price regulation



- 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)

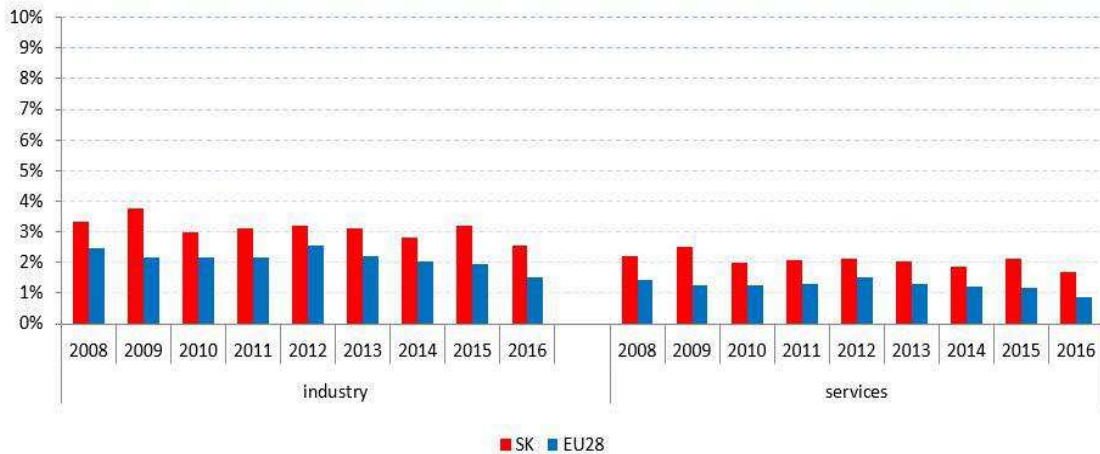
# Oil products prices



# Energy costs shares in total production costs

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

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

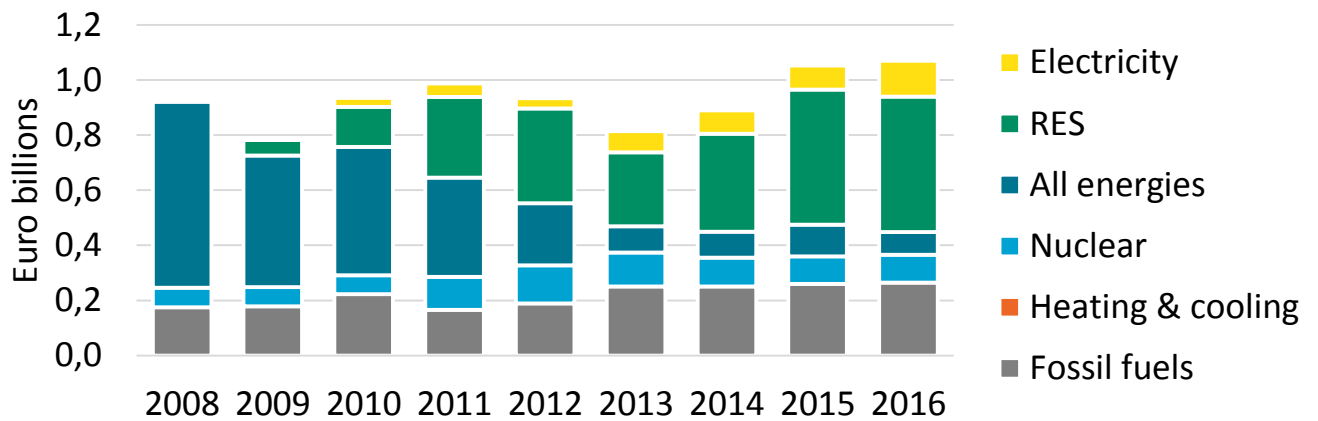


Notes: Data for Malta (prior to 2016), Poland (prior to 2015), Slovenia (prior to 2012) and Greece (prior to 2008) is not available. Data for Denmark, Sweden and the United Kingdom for 2016 was missing by the time of extraction

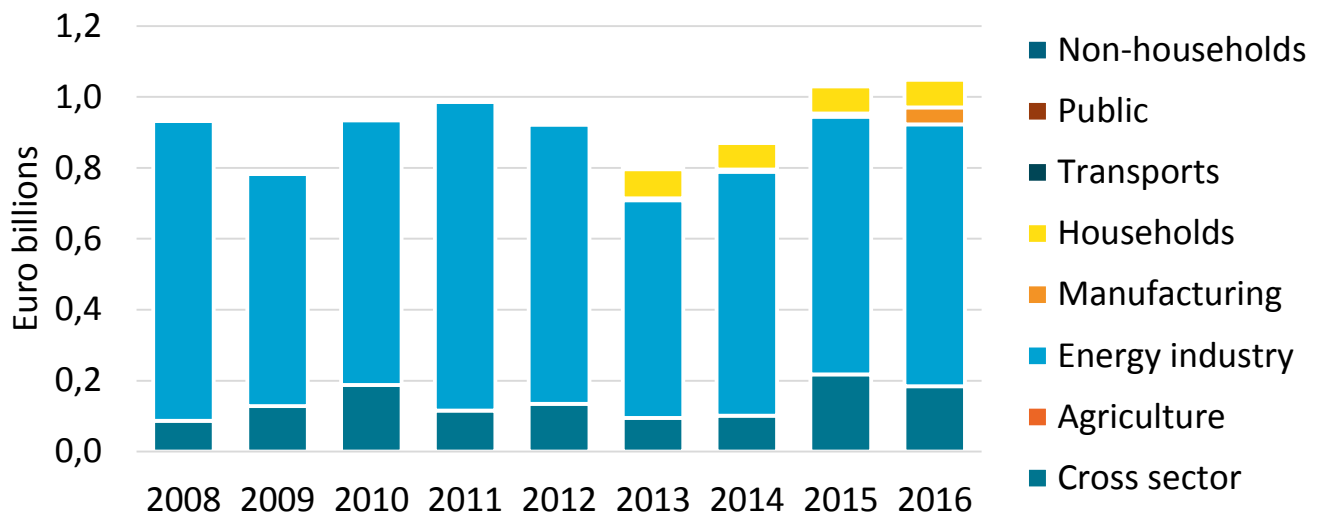


## Financial support interventions

### Financial support by energy/technology (billion euros)



### Financial support by sector (billion euros)



# Slovenia

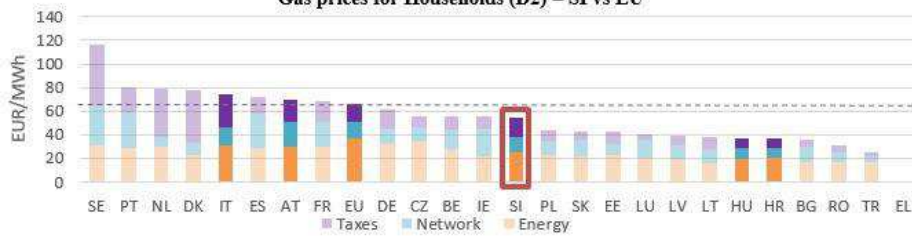


Electricity prices for Households (DC) – SI vs EU

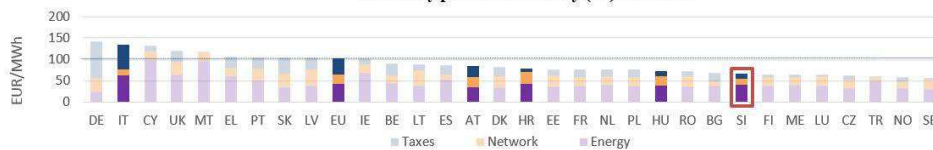


See footnote 1

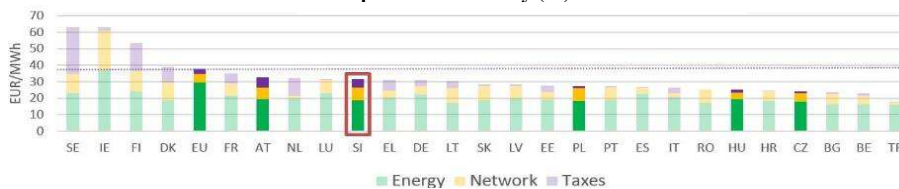
Gas prices for Households (D2) – SI vs EU



Electricity prices for Industry (ID) – SI vs EU



Gas prices for Industry (I3) – SI vs EU

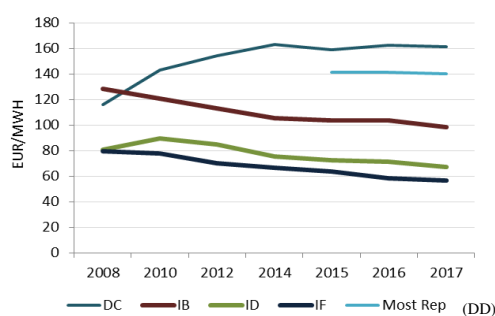


| Electricity | DC        | IB             | ID              | IF             |
|-------------|-----------|----------------|-----------------|----------------|
|             | Household | Small Industry | Medium Industry | Large Industry |

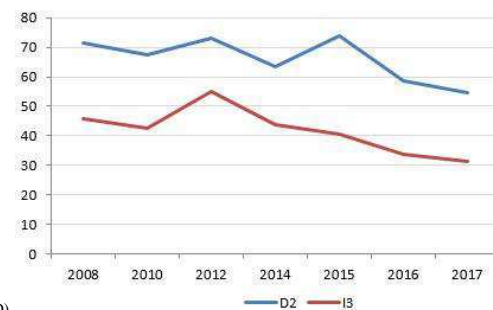
| Gas | D2        | I3              | I5             |
|-----|-----------|-----------------|----------------|
|     | Household | Medium Industry | Large Industry |

See footnote 2

Electricity prices in Slovenia



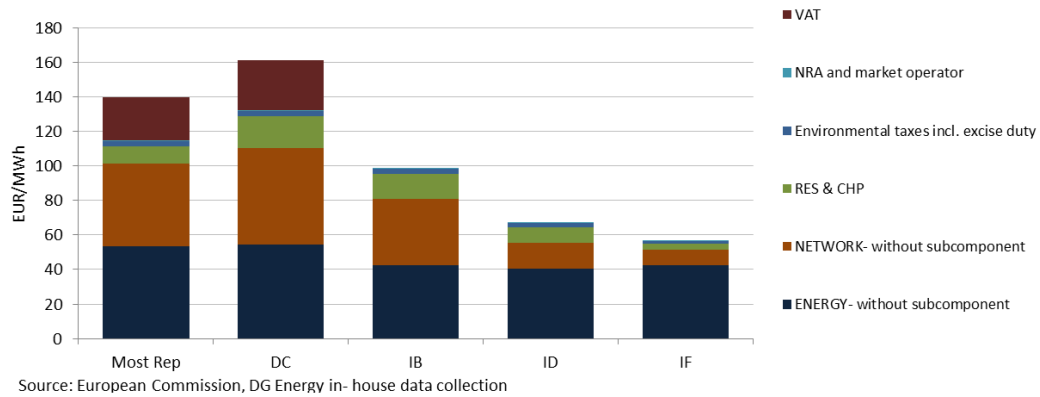
Natural gas prices in Slovenia



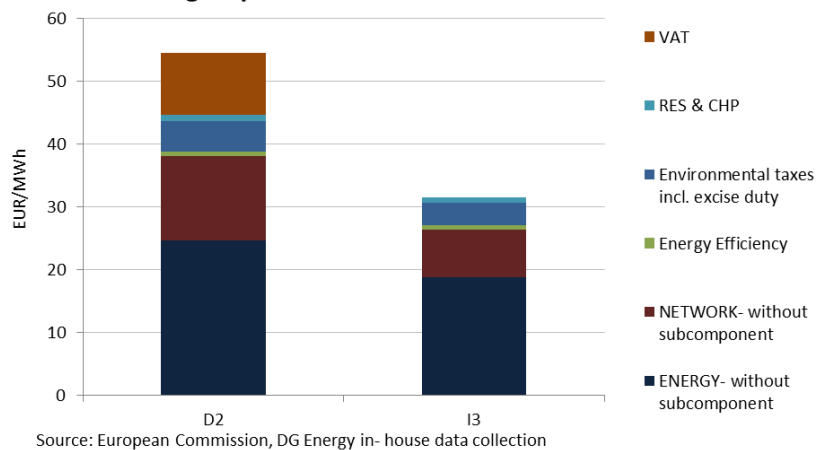
<sup>1</sup> Neighbour countries and EU 28. No gas household prices available for Greece for 2017.

<sup>2</sup> 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 Slovenia

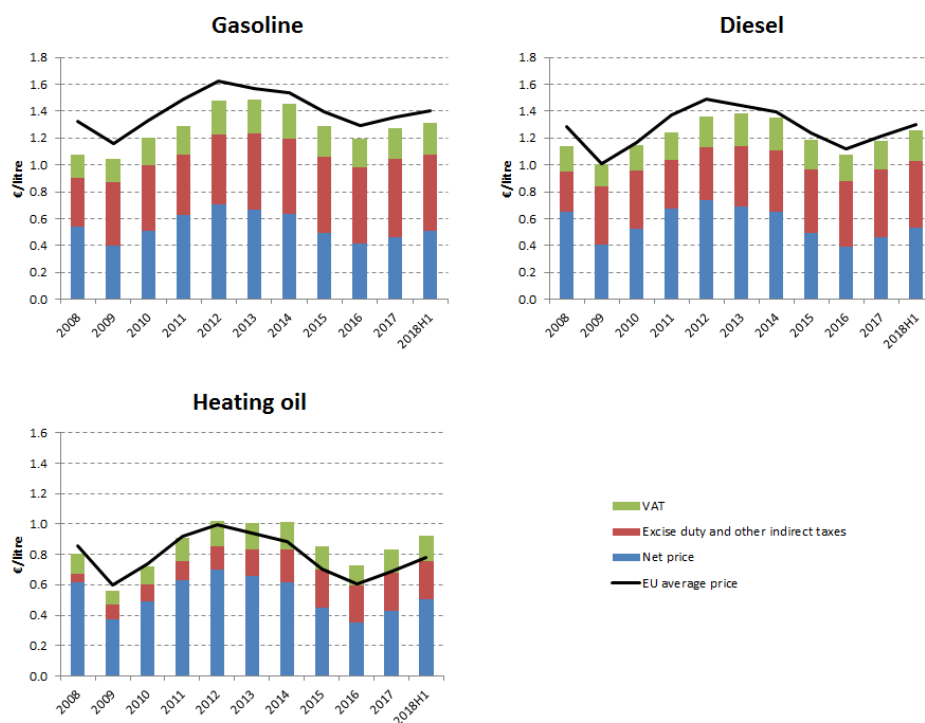


## 2017 natural gas prices in Slovenia



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

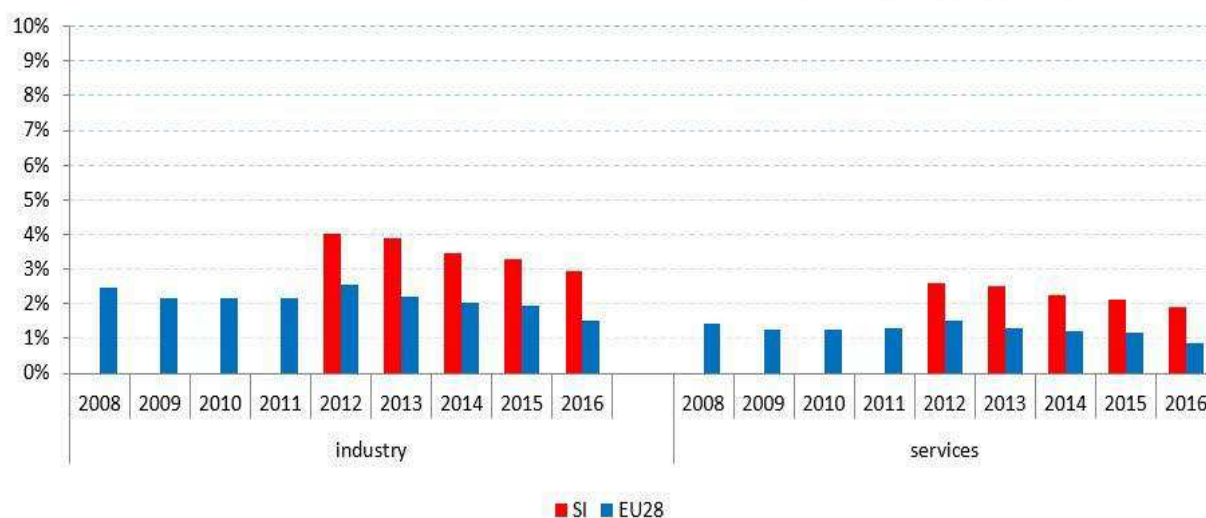
## Oil products prices



## Energy costs shares in total production costs

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

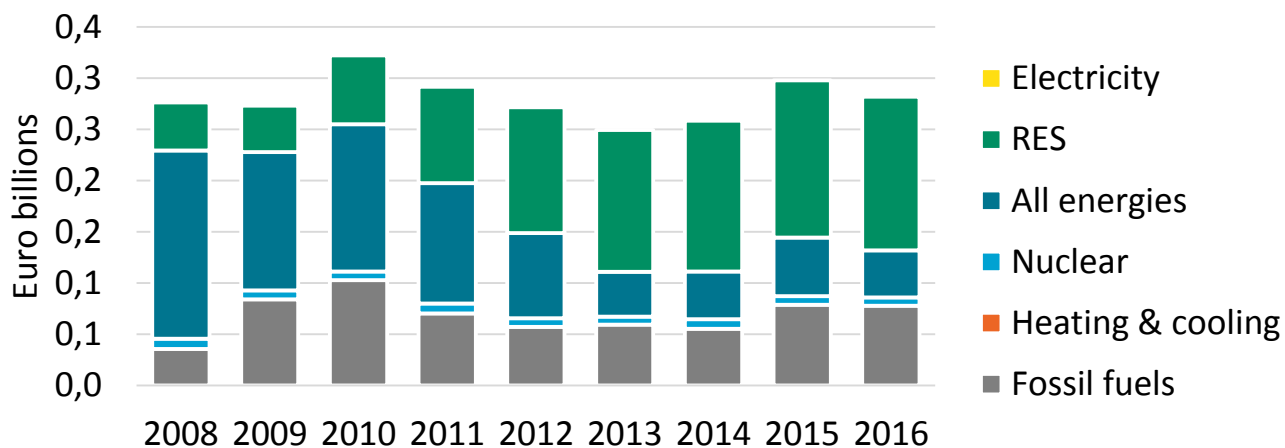
Source: ESTAT (SBS; NA), Primes, own calculations



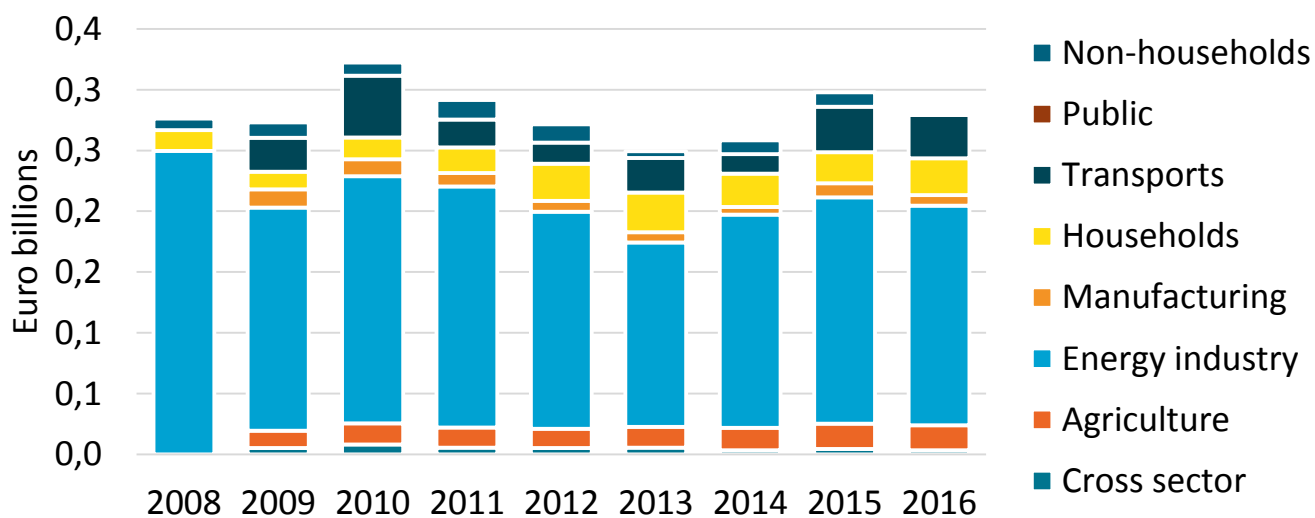
Notes: Data for Malta (prior to 2016), Poland (prior to 2015), Slovenia (prior to 2012) and Greece (prior to 2008) is not available. Data for Denmark, Sweden and the United Kingdom for 2016 was missing by the time of extraction

## Financial support interventions

### Financial support by energy/technology (billion euros)



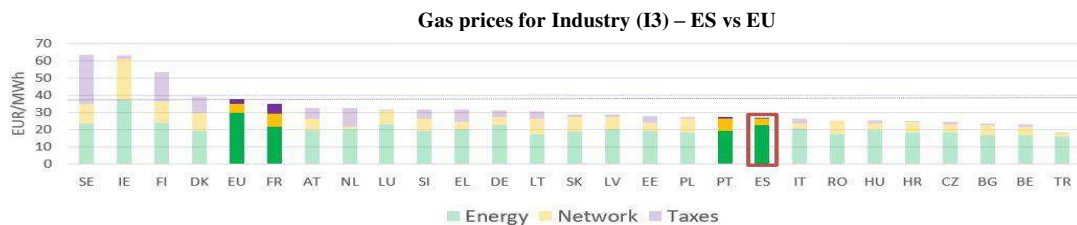
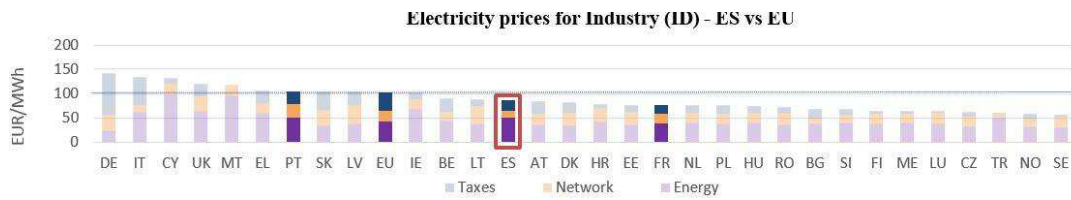
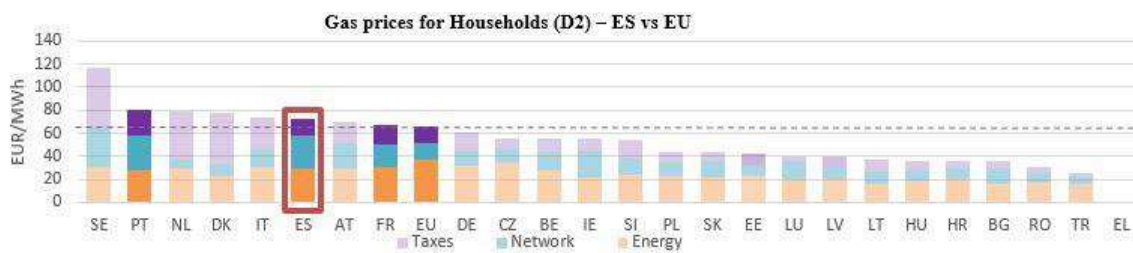
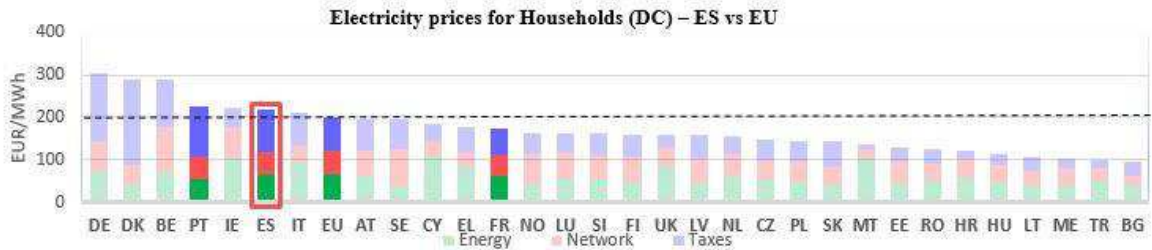
### Financial support by sector (billion euros)



# Spain



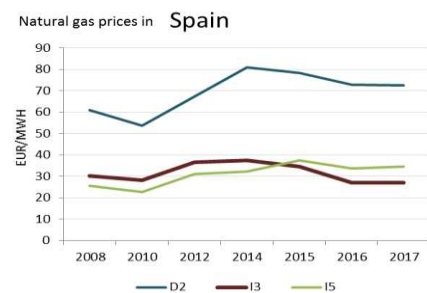
See footnote <sup>1</sup>



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

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

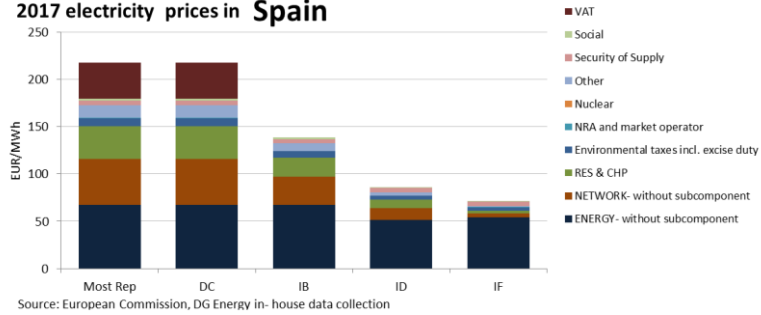
See footnote <sup>2</sup>



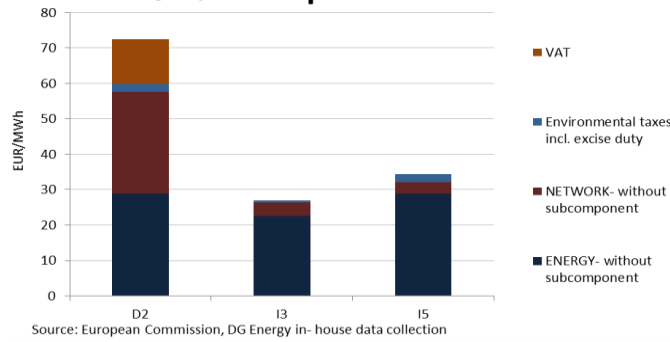
<sup>1</sup> Neighbour countries and EU 28. No gas household prices available for Greece for 2017.

<sup>2</sup> 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.

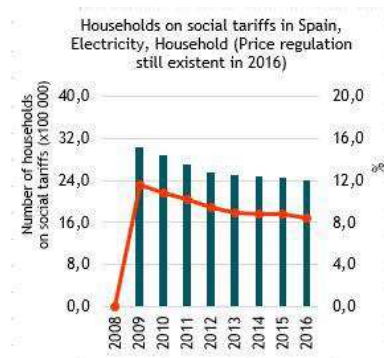
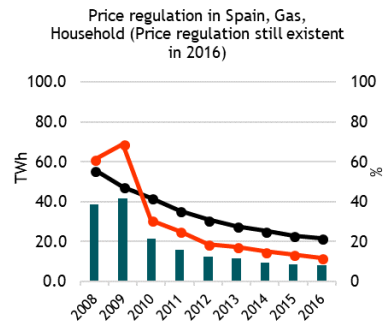
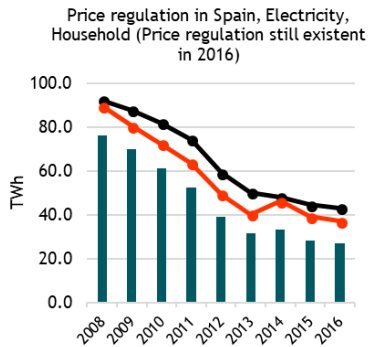
### 2017 electricity prices in Spain



### 2017 natural gas prices in Spain

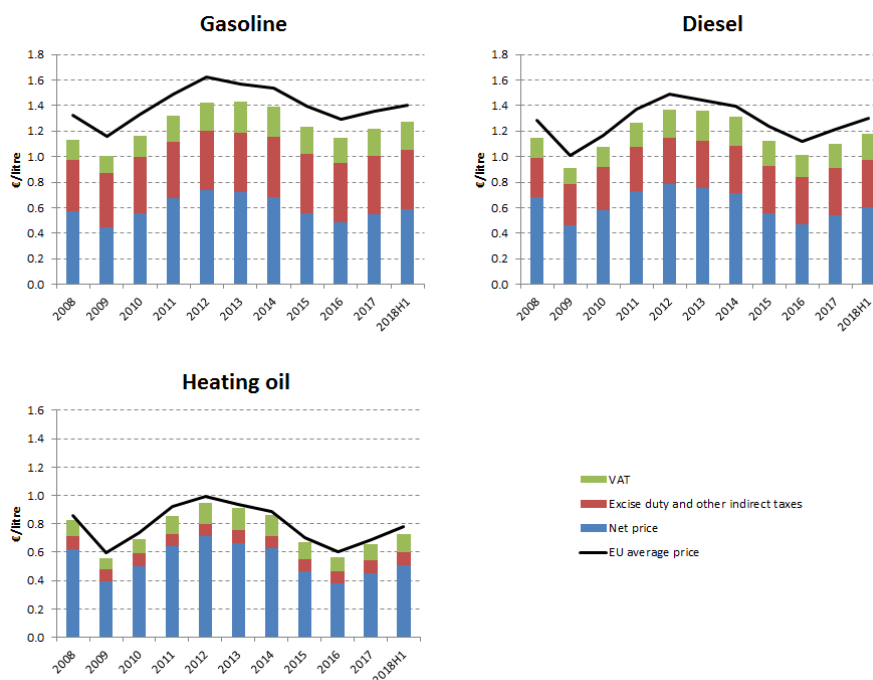


## Price regulation



- 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)

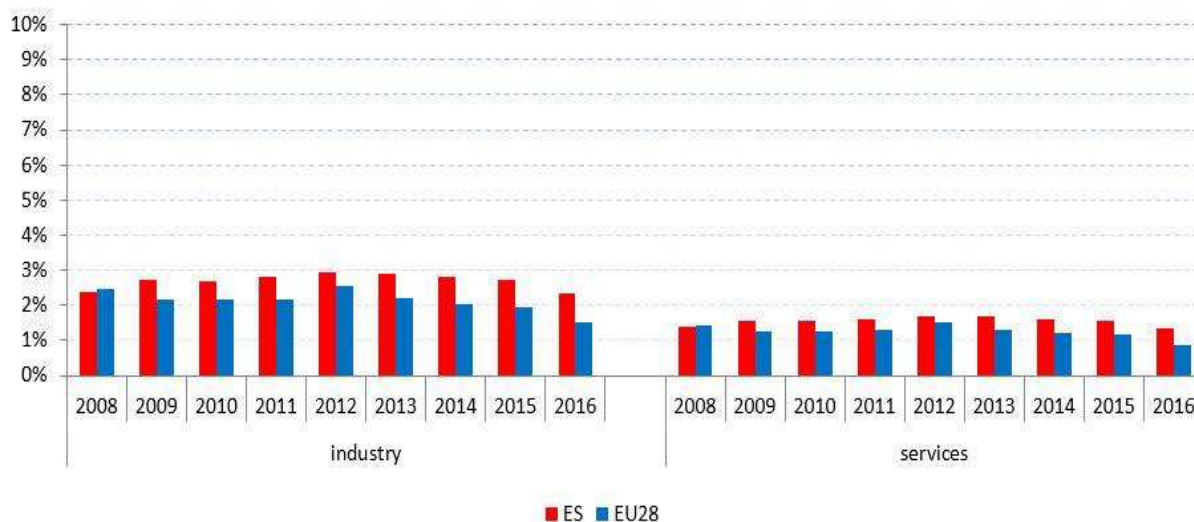
## Oil products prices



## Energy costs shares in total production costs

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

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

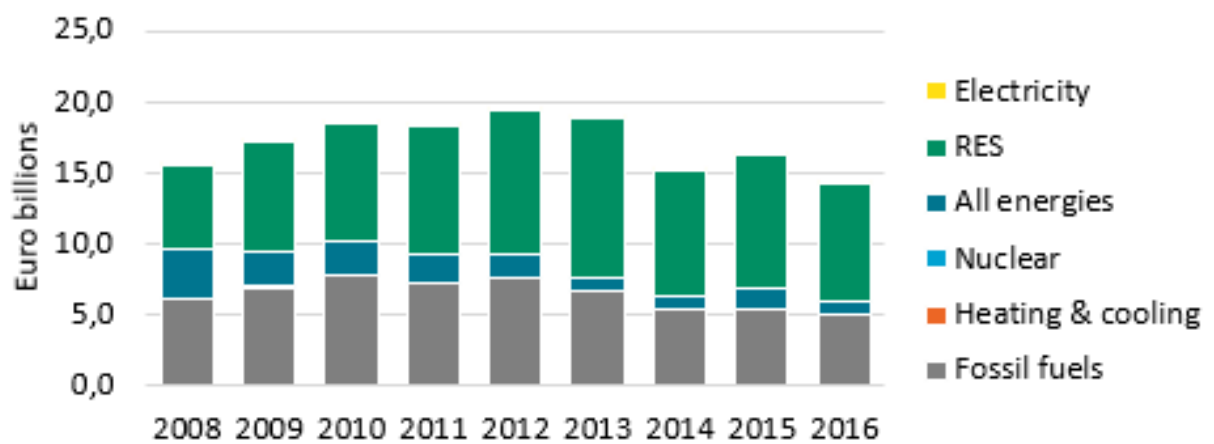


Notes: Data for Malta (prior to 2016), Poland (prior to 2015), Slovenia (prior to 2012) and Greece (prior to 2008) is not available. Data for Denmark, Sweden and the United Kingdom for 2016 was missing by the time of extraction



## Financial support interventions

**Financial support by energy/technology (billion euros)**



**Financial support by sector (billion euros)**

