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European Union

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COVER NOTE

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

No. Cion doc.:	SWD(2019) 1 final - PART 10/11
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 10/11.

Encl.: SWD(2019) 1 final - PART 10/11



EUROPEAN
COMMISSION

Brussels, 9.1.2019
SWD(2019) 1 final

PART 10/11

COMMISSION STAFF WORKING DOCUMENT

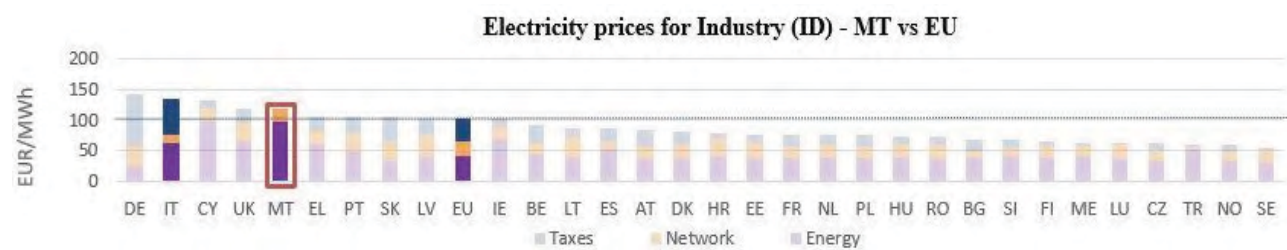
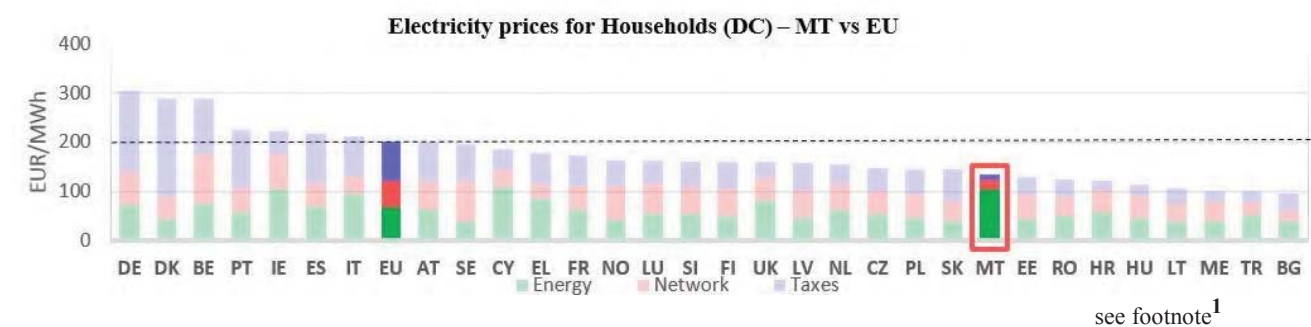
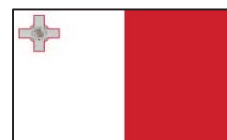
Accompanying the document

**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}

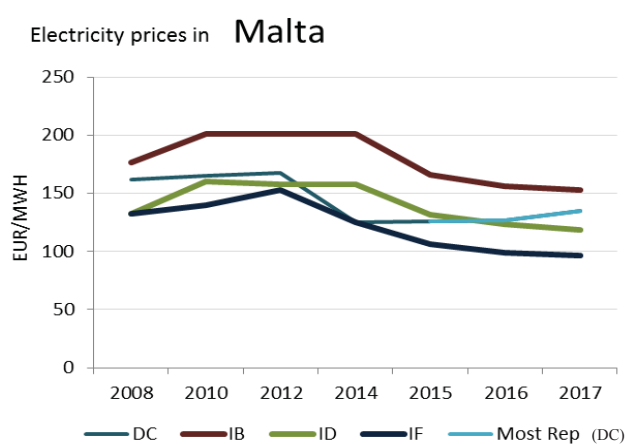
Malta



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

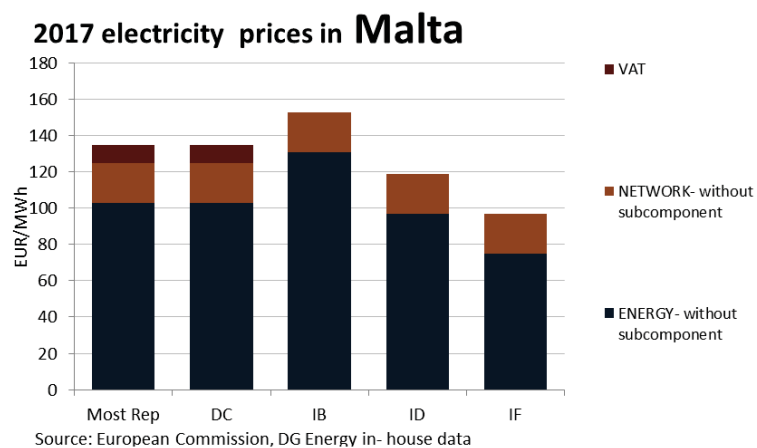
Gas	D2	I3	I5
	Household	Medium Industry	Large Industry

See footnote²

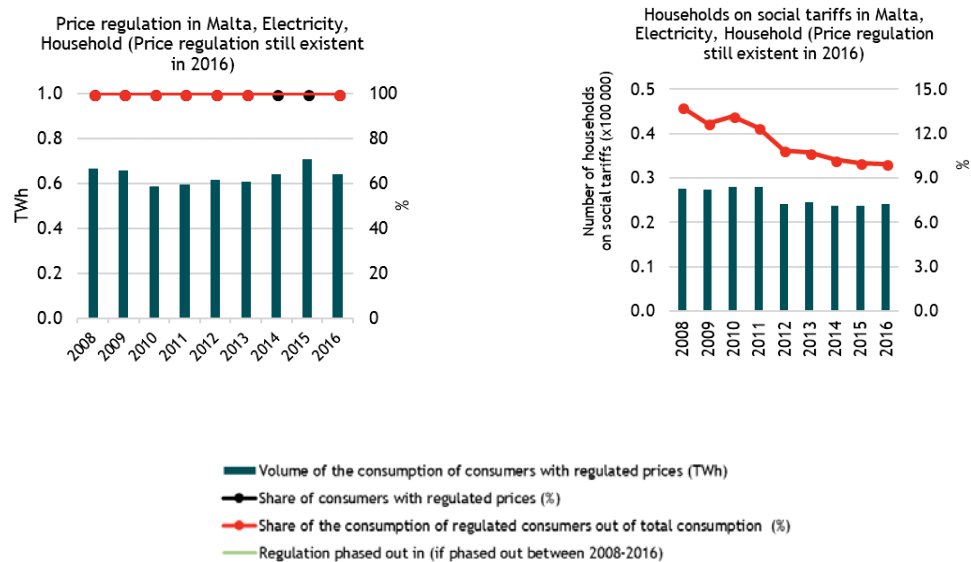


¹ Neighbour countries and EU 28. No gas household prices available for Greece for 2017.

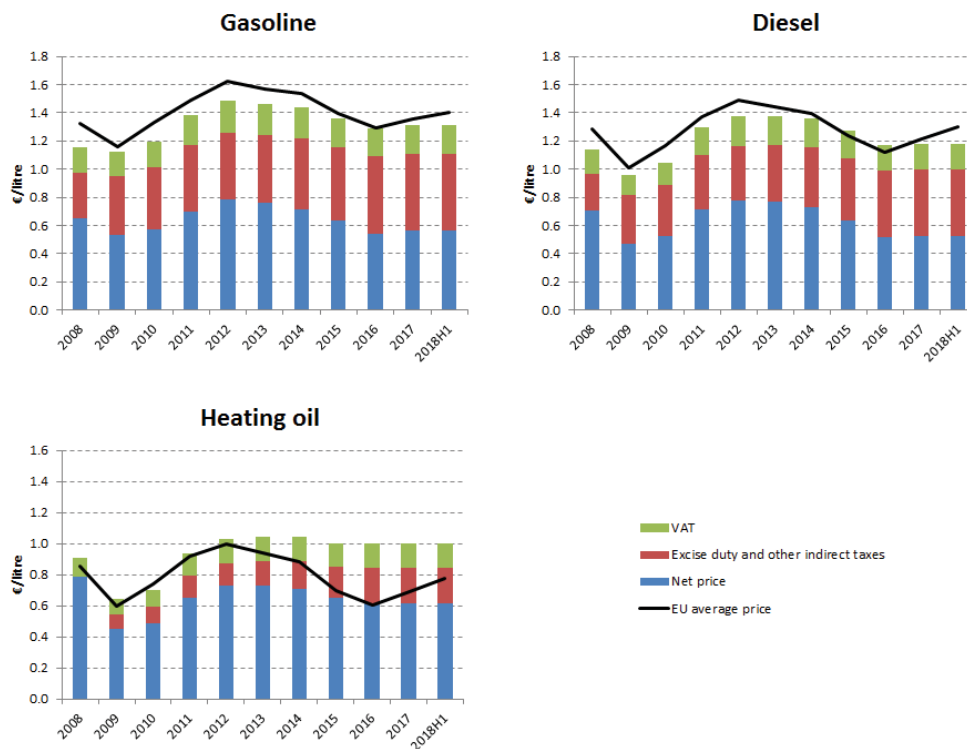
² Annual electricity consumption: DB 1 - 2.5 MWh, DC 2.5 - 5 MWh, DD 5 - 15 MWh, DE above 15 MWh, IB 20-500 MWh, ID 2000-20000 MWh, IF 70000-150000 MWh. Annual Gas consumption: D2 20-200 GJ, I3 10000-100000 GJ, I5 1 mil - 4 mil GJ.



Price regulation



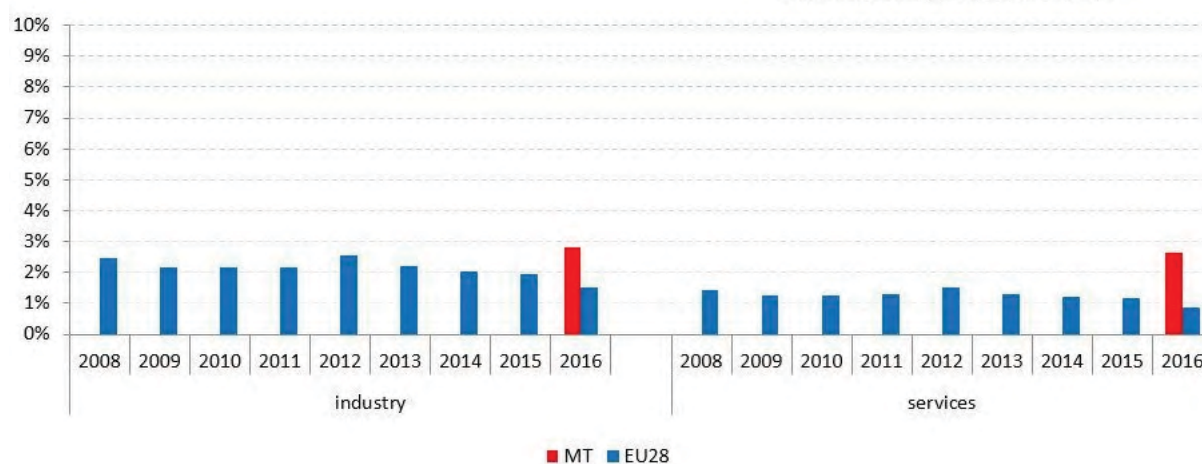
Oil products prices



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

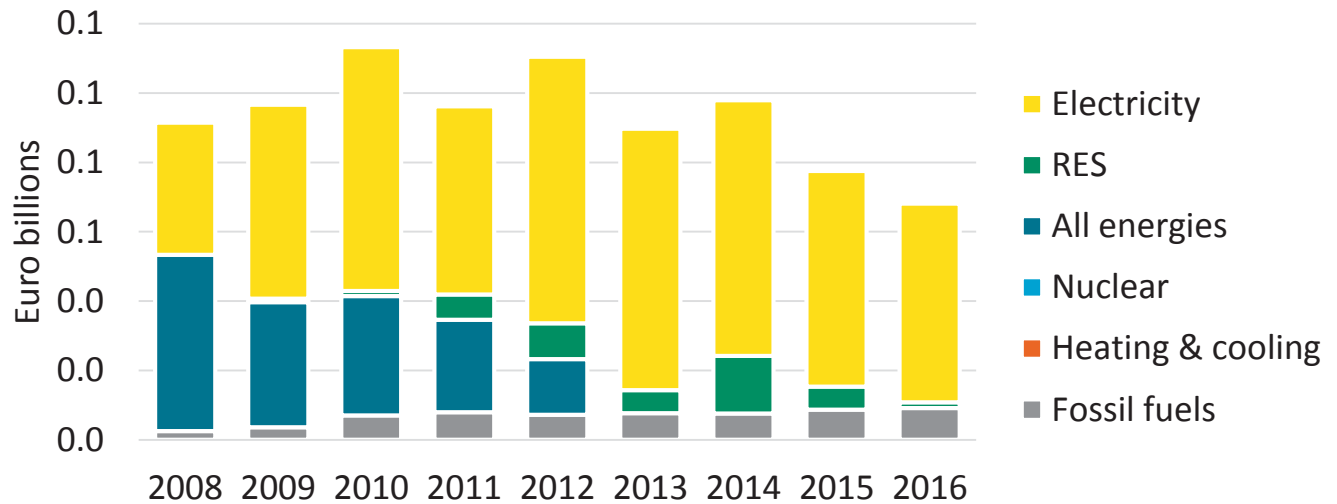


Eurostat SBS data not available due to confidentiality issues

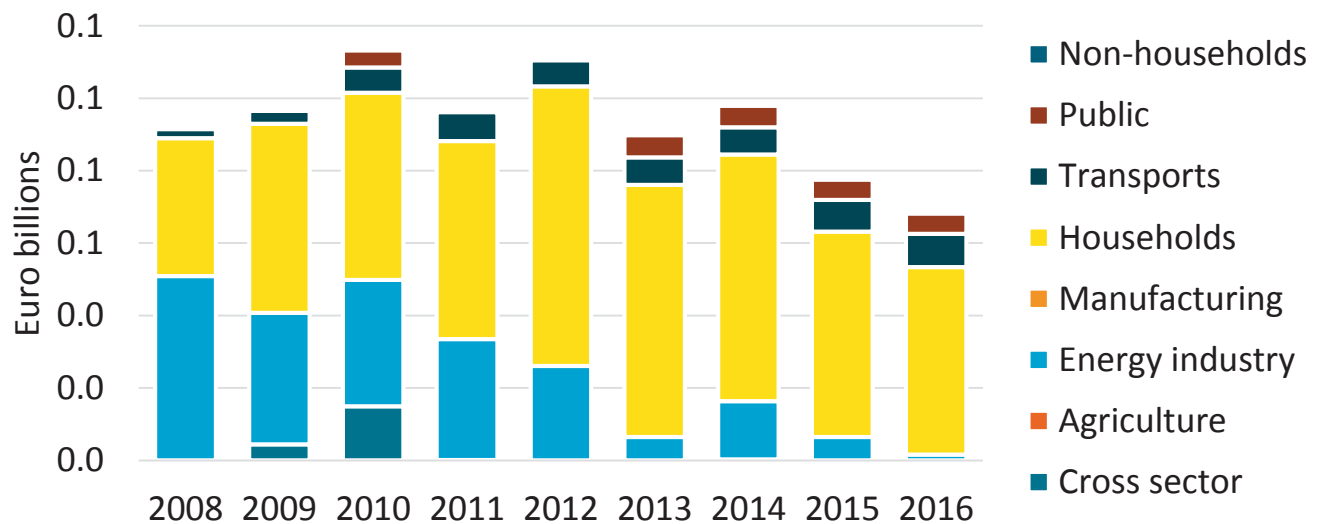
Notes: Data for Malta (prior to 2016), Poland (prior to 2015), Slovenia (prior to 2012) and Greece (prior to 2008) is not available. Data for Denmark, Sweden and the United Kingdom for 2016 was missing by the time of extraction

Financial support interventions

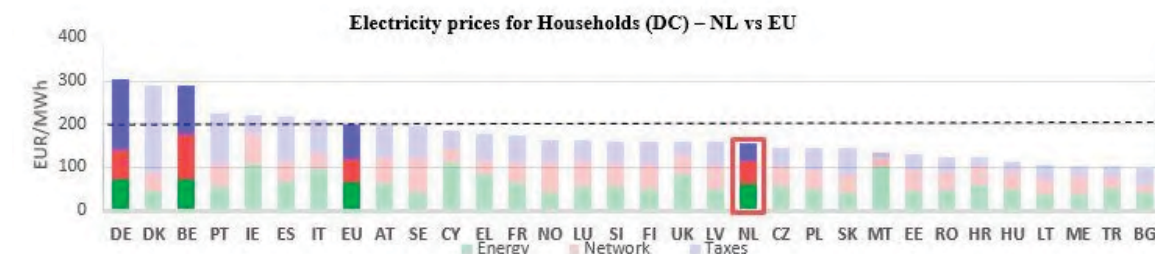
Financial support by energy/technology (billion euros)



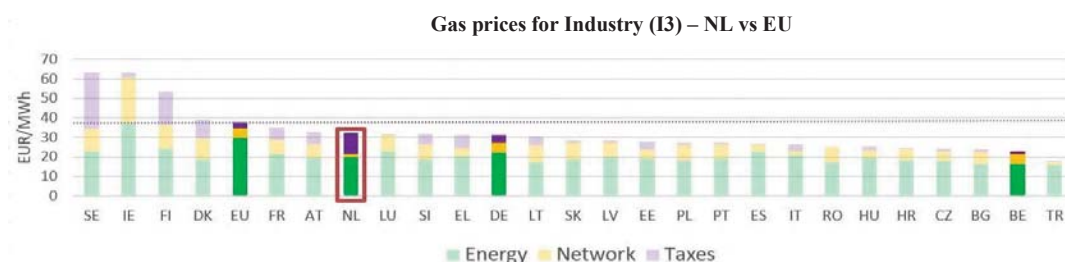
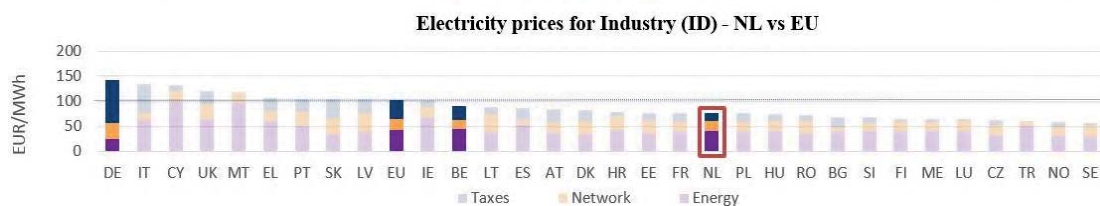
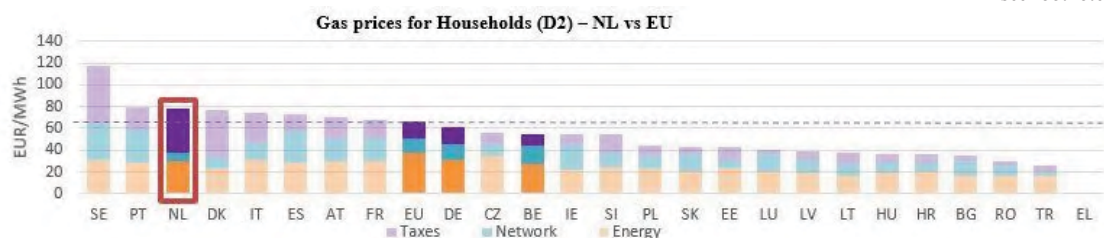
Financial support by sector (billion euros)



Netherlands



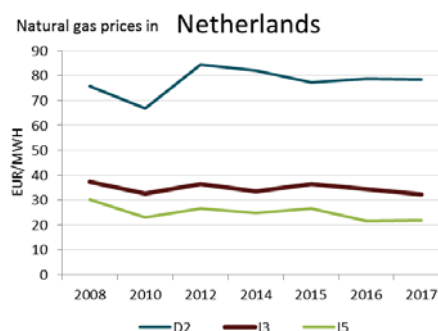
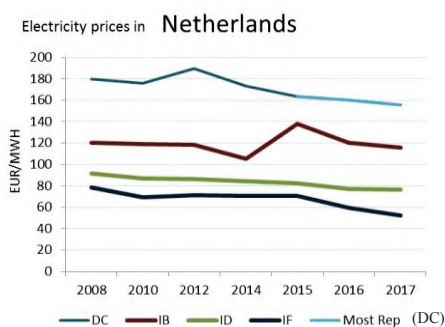
see footnote¹



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

Gas	D2	I3	I5
	Household	Medium Industry	Large Industry

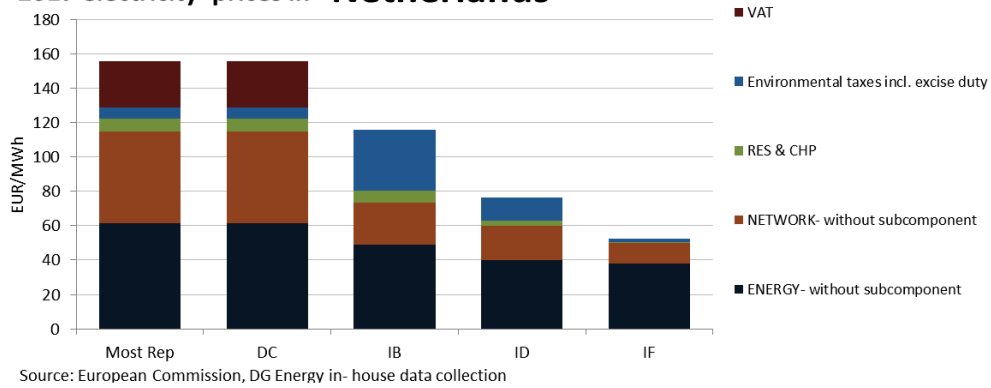
See footnote²



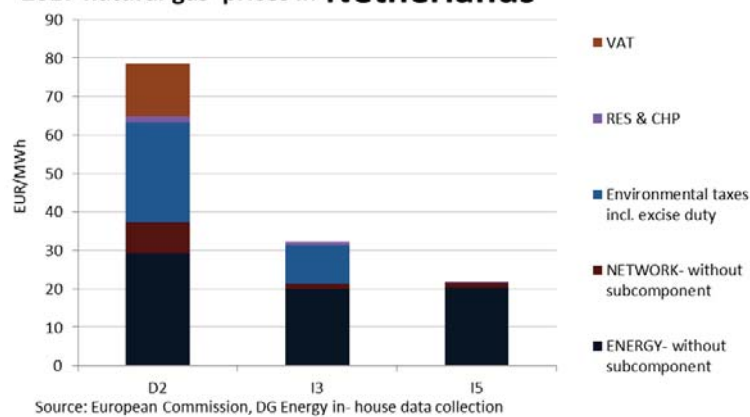
¹ Neighbour countries and EU 28. No gas household prices available for Greece for 2017.

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2017 electricity prices in Netherlands

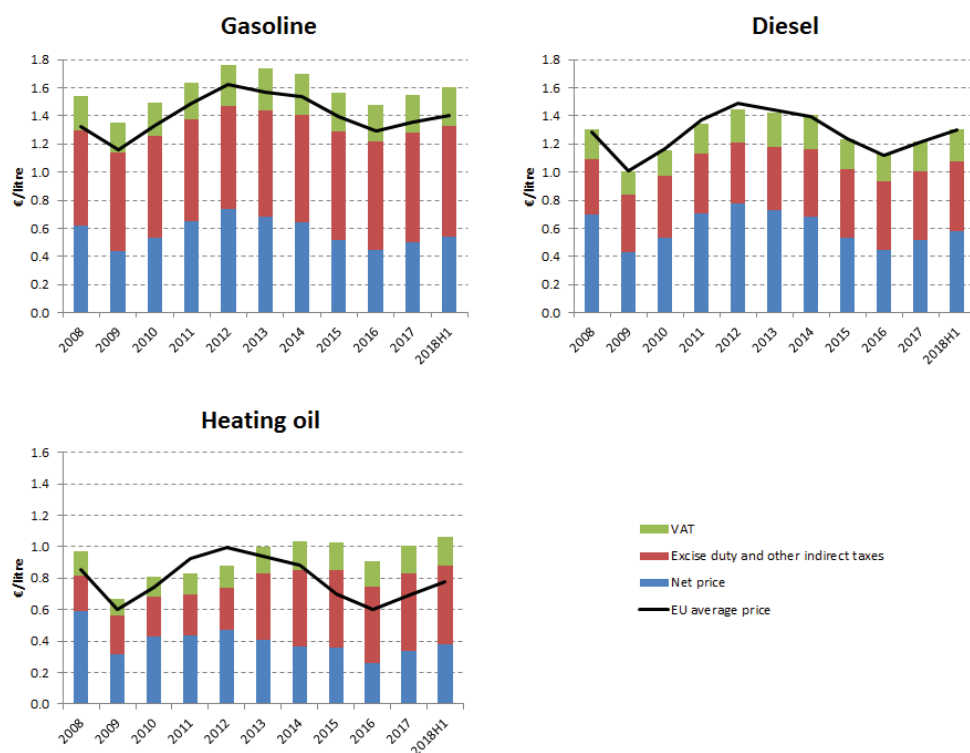


2017 natural gas prices in Netherlands



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

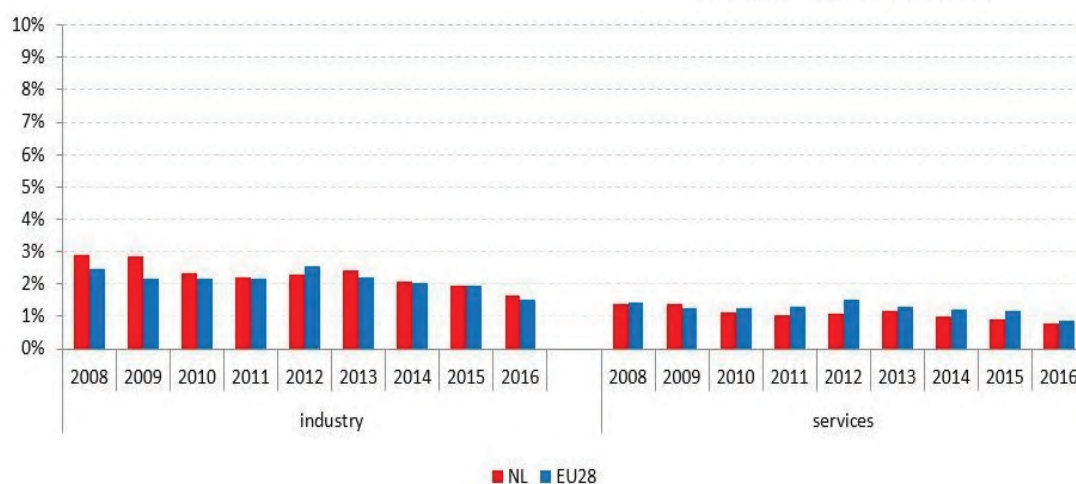
Oil products prices



Energy costs shares in total production costs

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

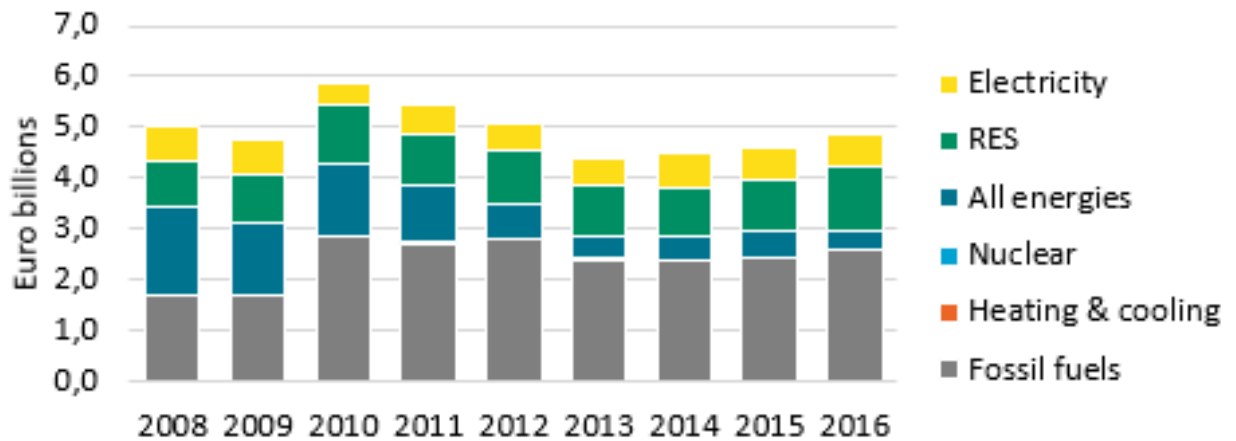
Source: ESTAT (SBS, NA), Primes, own calculations



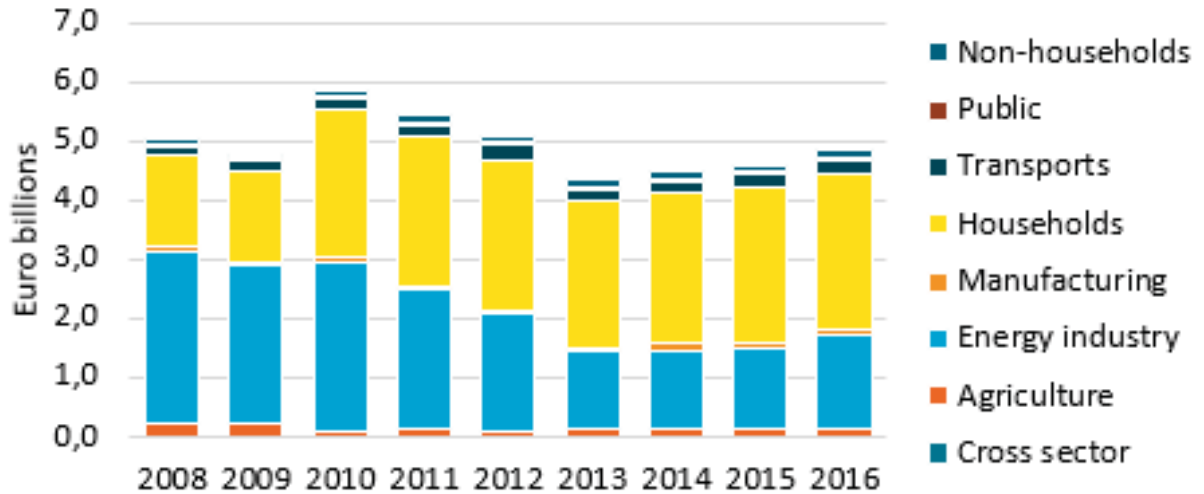
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Financial support interventions

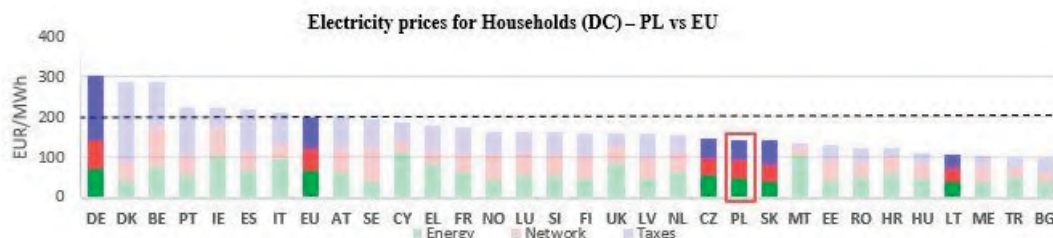
Financial support by energy/technology (billion euros)



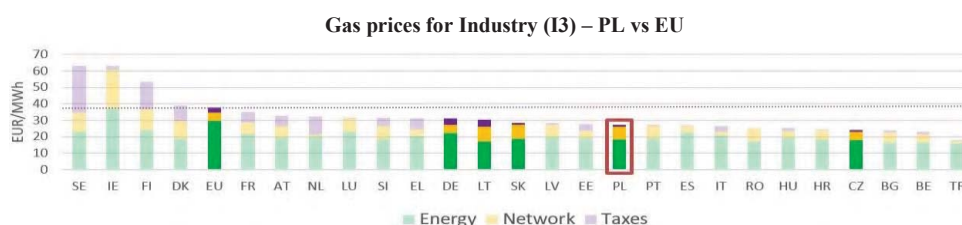
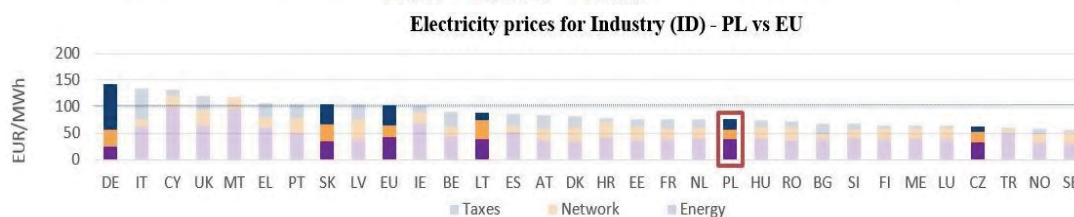
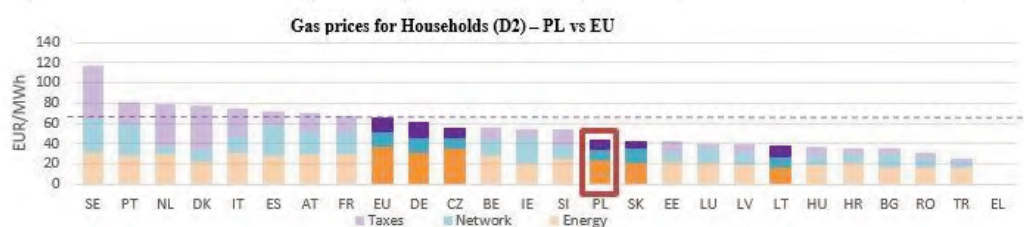
Financial support by sector (billion euros)



Poland



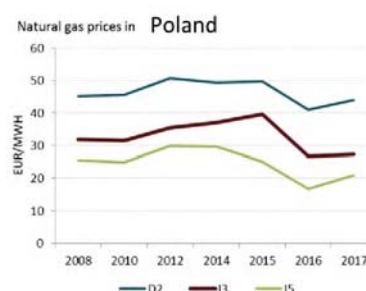
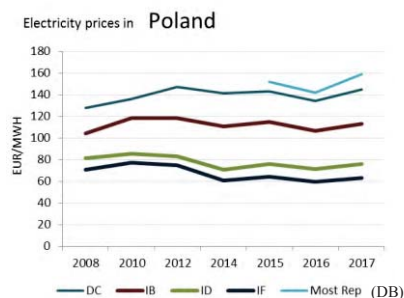
see footnote¹



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

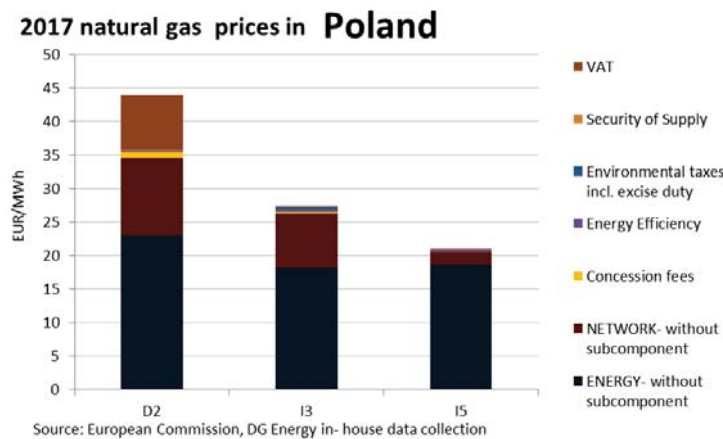
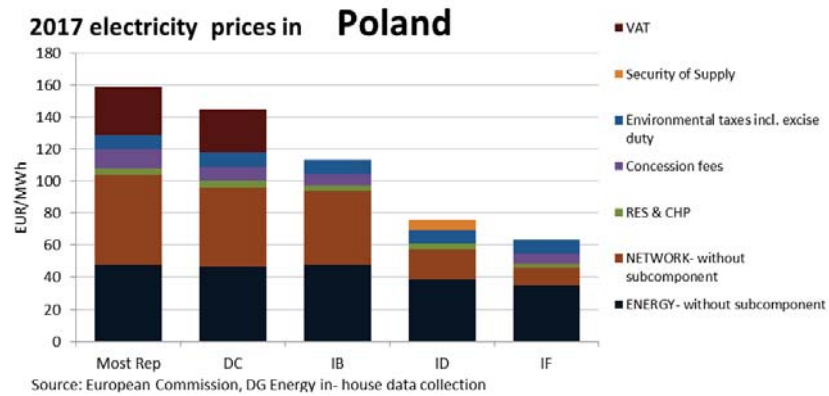
Gas	D2	I3	I5
	Household	Medium Industry	Large Industry

See footnote²

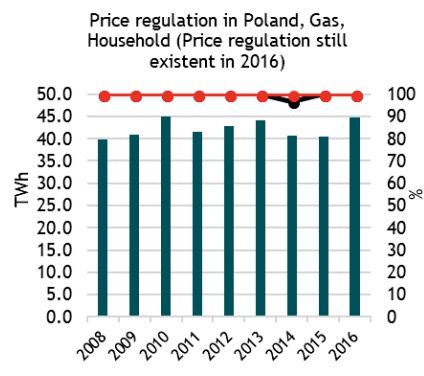
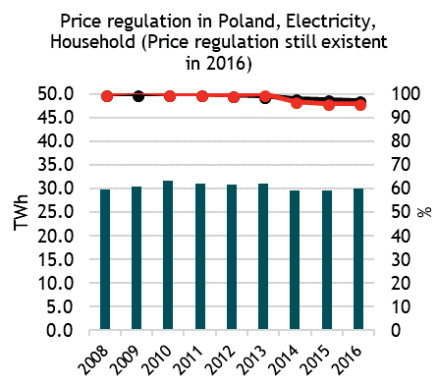


¹ Neighbour countries and EU 28. No gas household prices available for Greece for 2017.

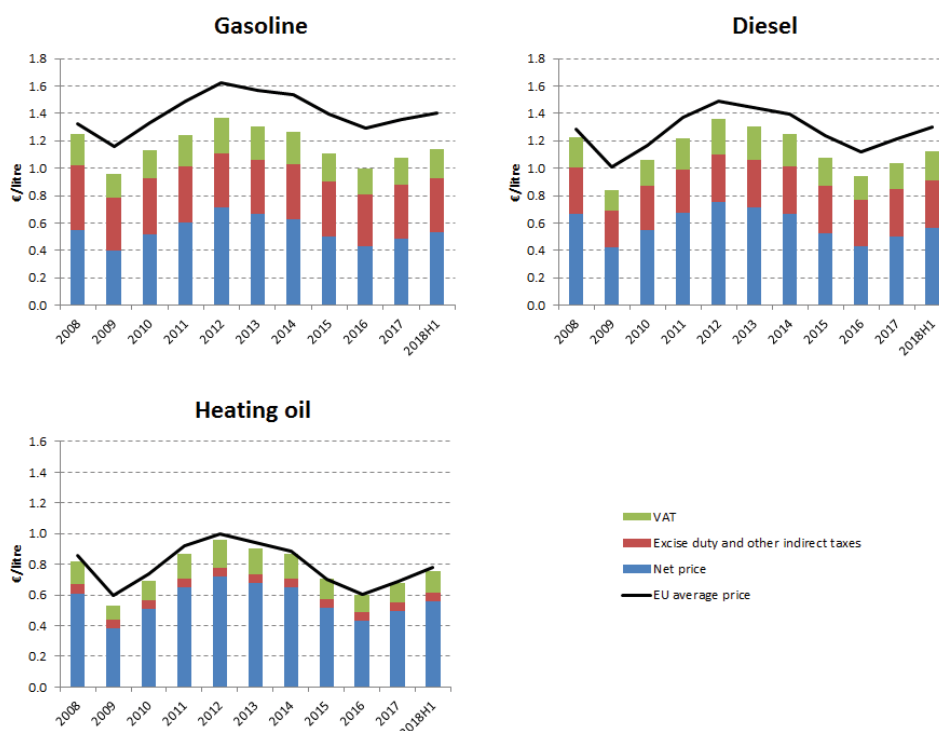
² Annual electricity consumption: DB 1 - 2.5 MWh, DC 2.5 - 5 MWh, DD 5 - 15 MWh, DE above 15 MWh, IB 20-500 MWh, ID 2000-20000 MWh, IF 70000-150000 MWh. Annual Gas consumption: D2 20-200 GJ, I3 10000-100000 GJ, I5 1 mil - 4 mil GJ.



Price regulation



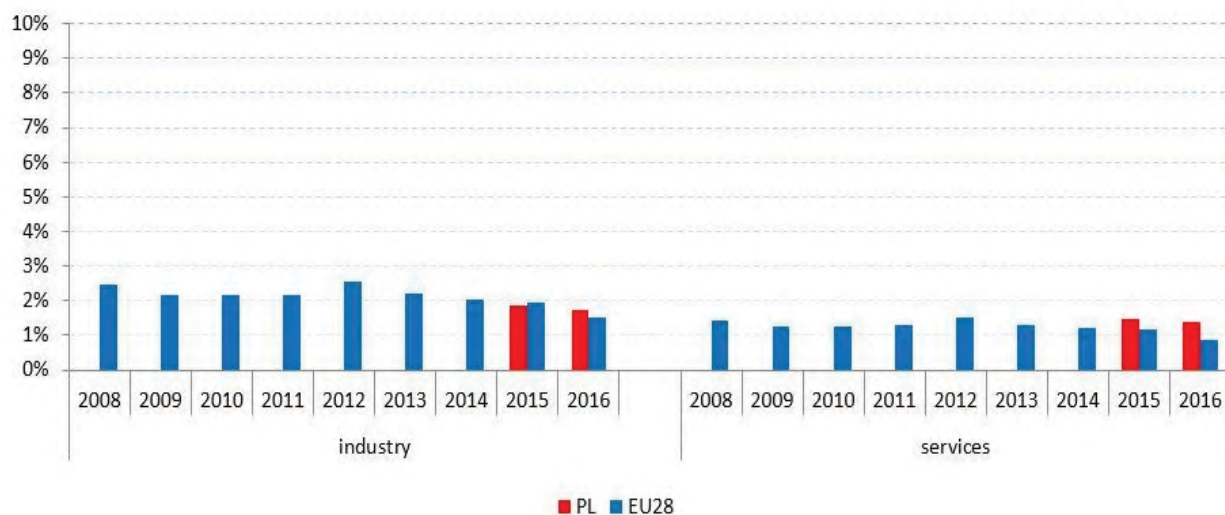
Oil products prices



Energy costs shares in total production costs

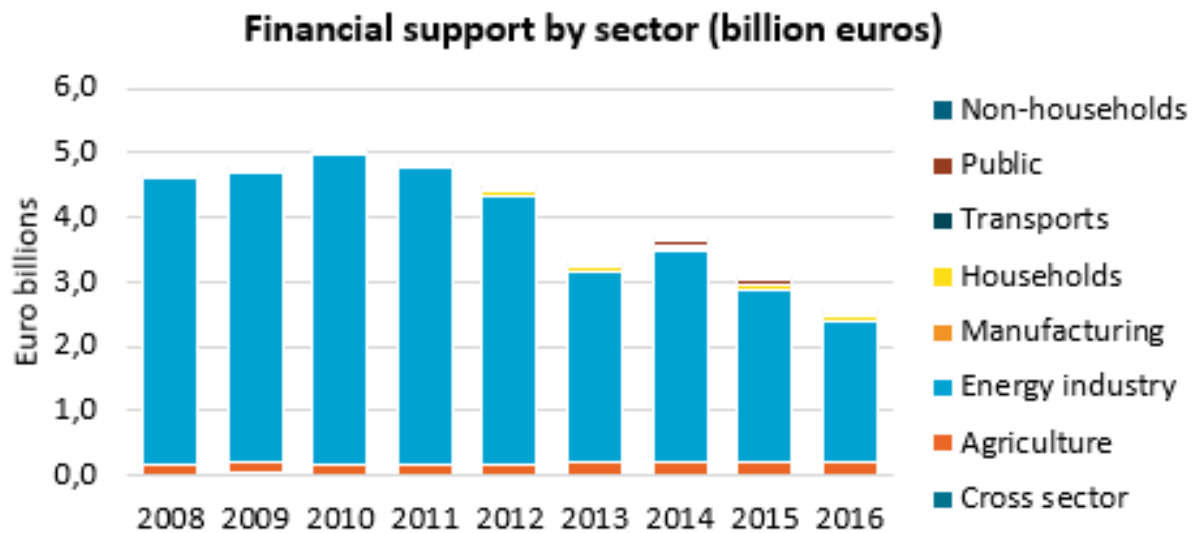
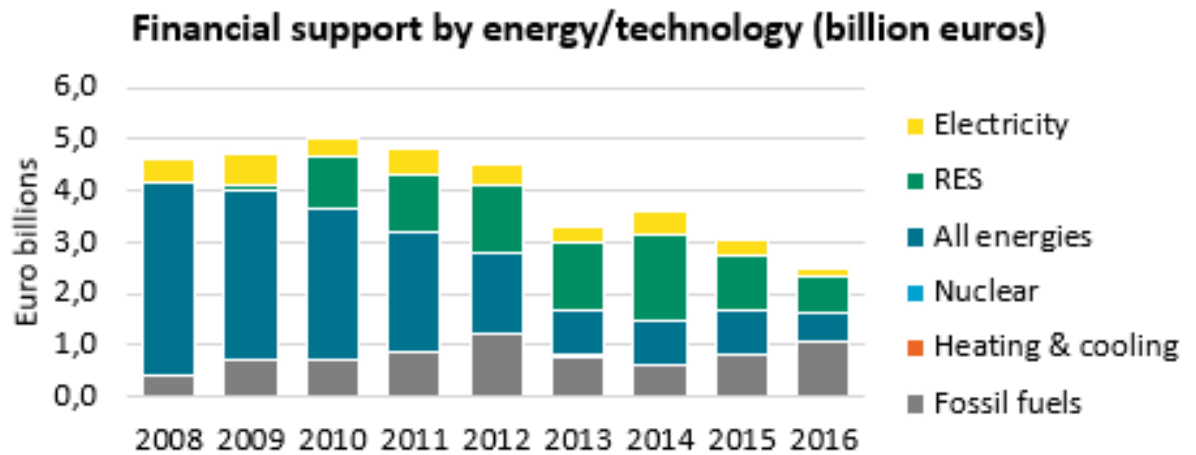
Share of energy costs in total production value in industry and services: PL vs. EU28

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

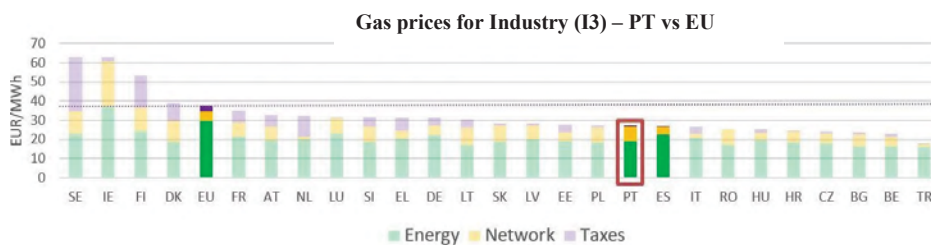
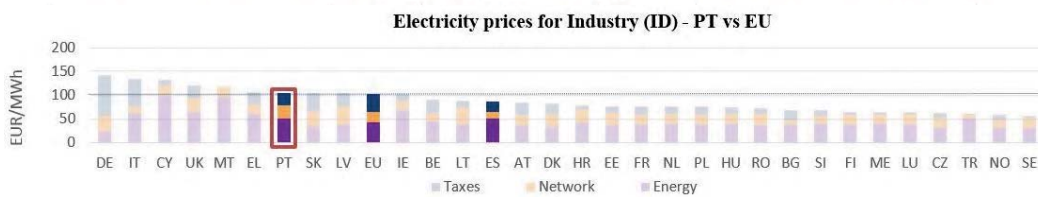
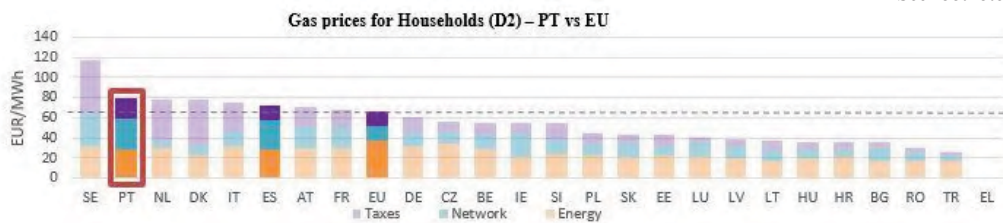
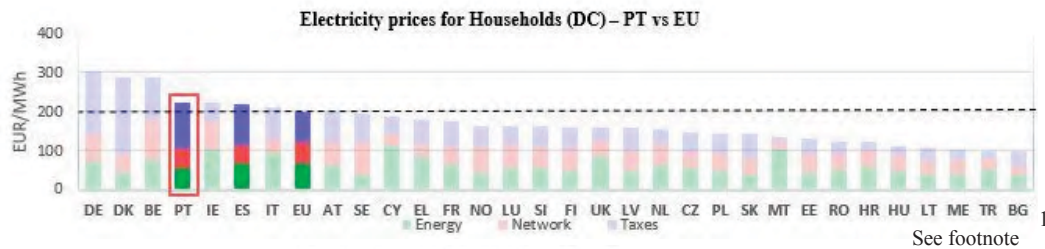


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Financial support interventions



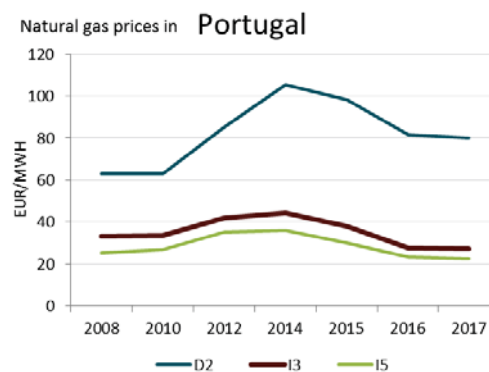
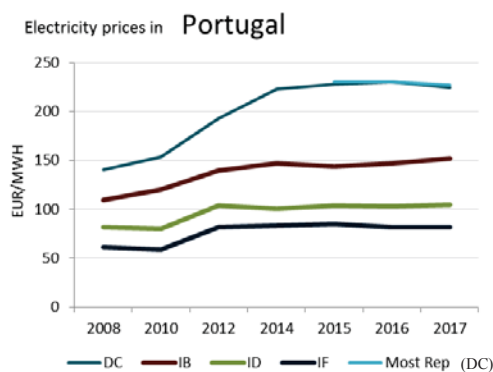
Portugal



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

Gas	D2	I3	I5
	Household	Medium Industry	Large Industry

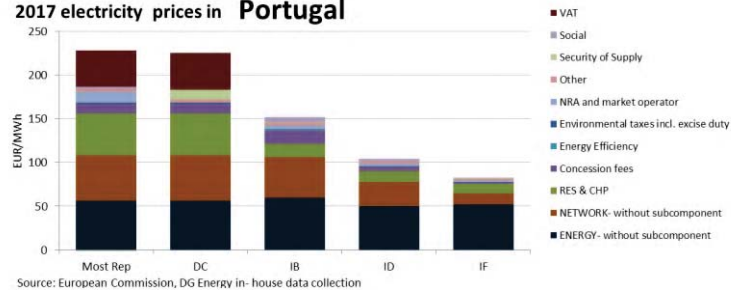
See footnote 2



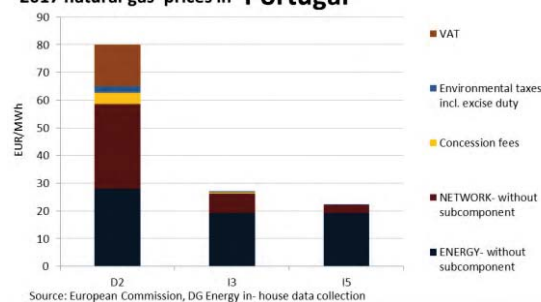
¹ Neighbour countries and EU 28. No gas household prices available for Greece for 2017.

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 Portugal

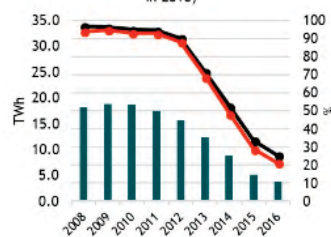


2017 natural gas prices in Portugal

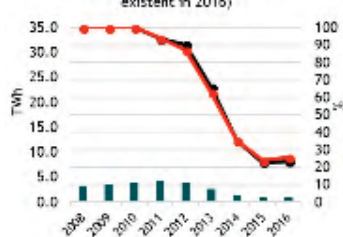


Price regulation

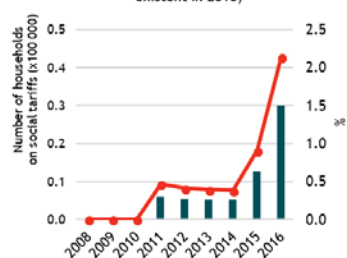
Price regulation in Portugal, Electricity, Household (Price regulation still existent in 2016)



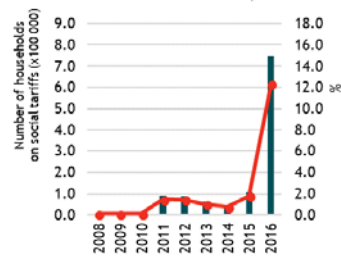
Price regulation in Portugal, Gas, Household (Price regulation still existent in 2016)



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

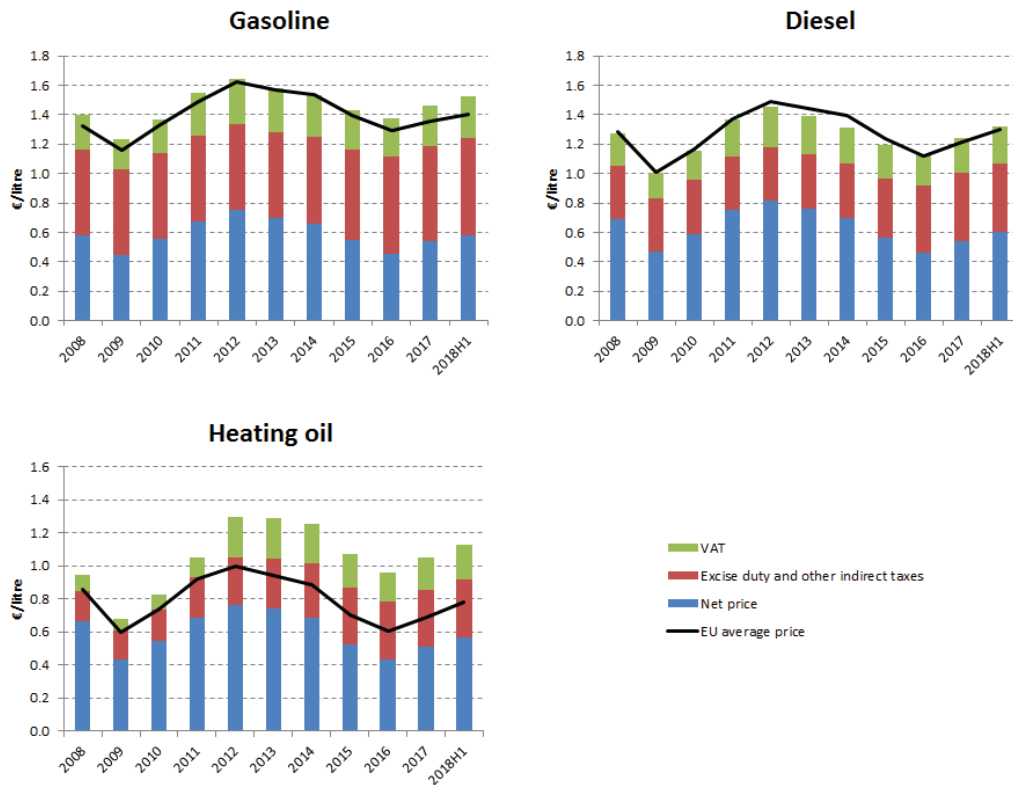


Households on social tariffs in Portugal, Electricity, Household (Price regulation still existent in 2016)



■ Volume of the consumption of consumers with regulated prices (TW/h)
 — 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)

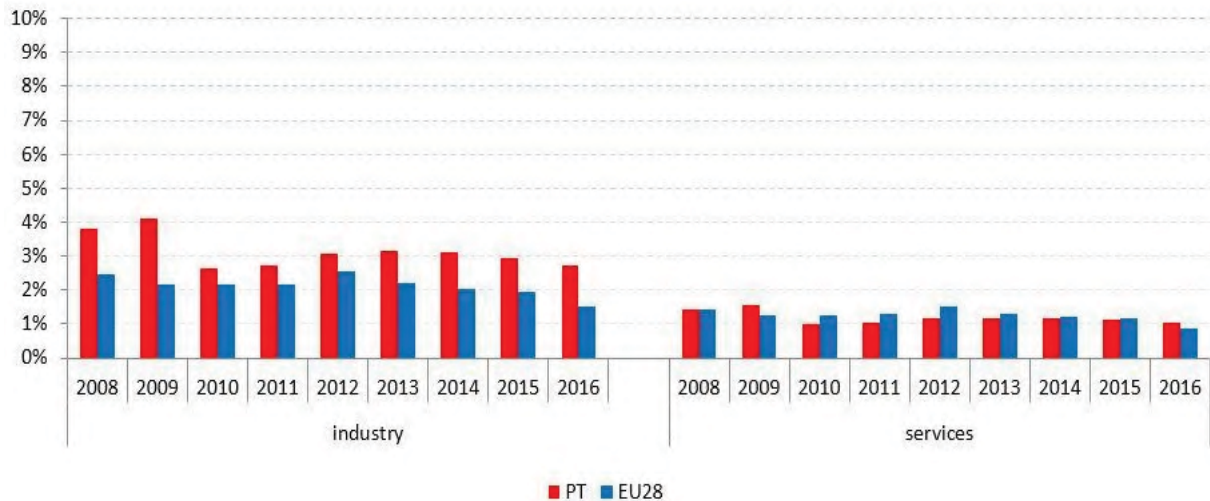
Oil products prices



Energy costs shares in total production costs

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

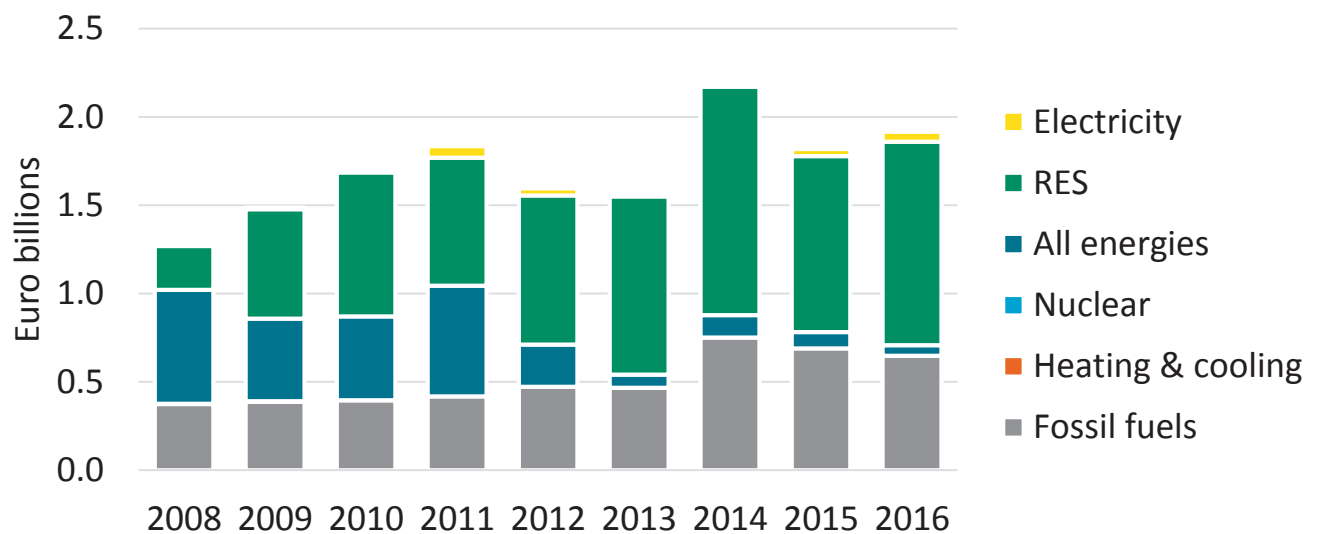
Source: ESTAT (SBS; NA), Primes, own calculations



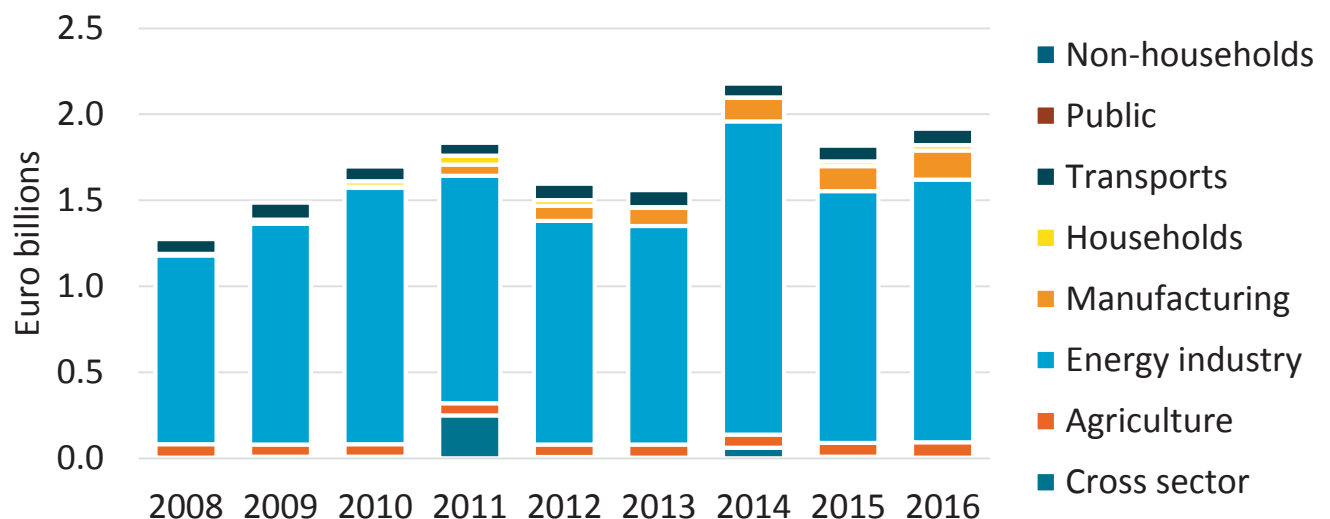
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Financial support interventions

Financial support by energy/technology (billion euros)



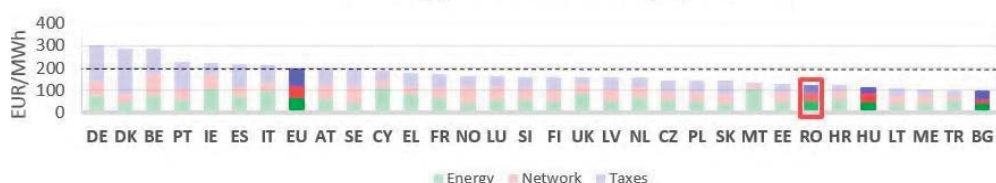
Financial support by sector (billion euros)



Romania

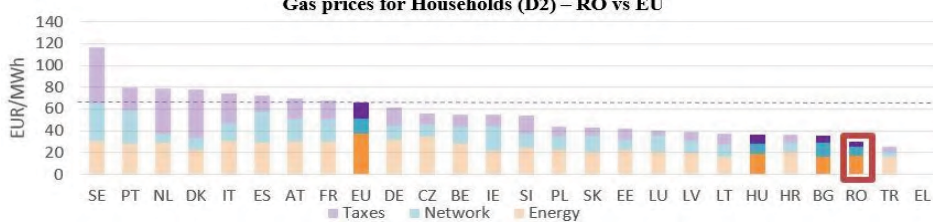


Electricity prices for Households (DC) – RO vs EU



see footnote¹

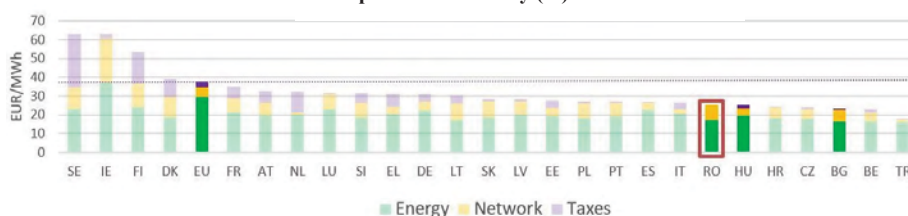
Gas prices for Households (D2) – RO vs EU



Electricity prices for Industry (ID) – RO vs EU



Gas prices for Industry (I3) – RO vs EU

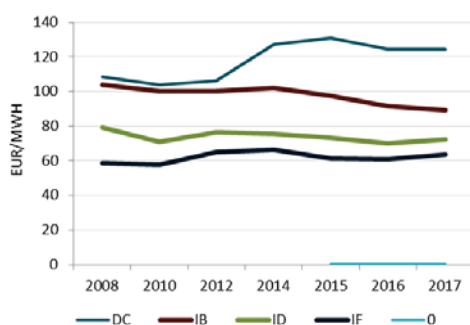


Electricity	DC	IB	ID	IF
	Household	Small Industry	Medium Industry	Large Industry

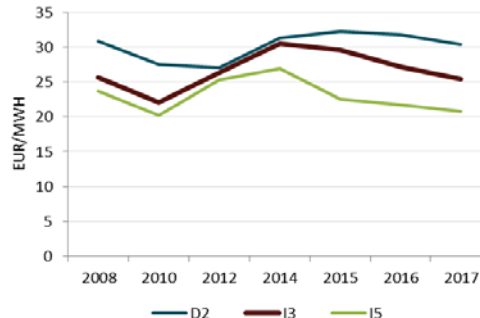
Gas	D2	I3	I5
	Household	Medium Industry	Large Industry

See footnote²

Electricity prices in Romania

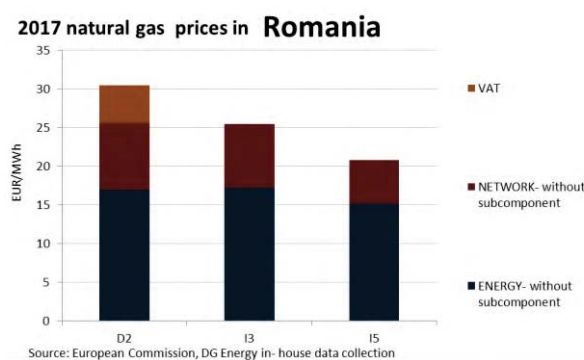
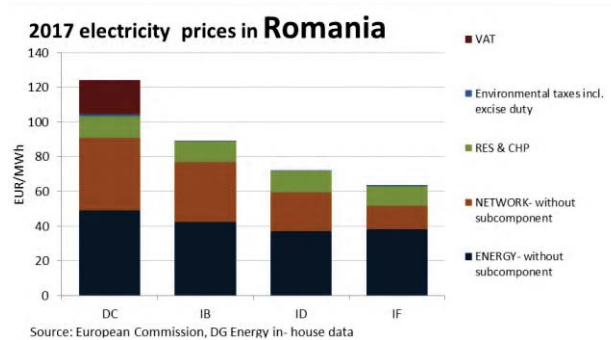


Natural gas prices in Romania

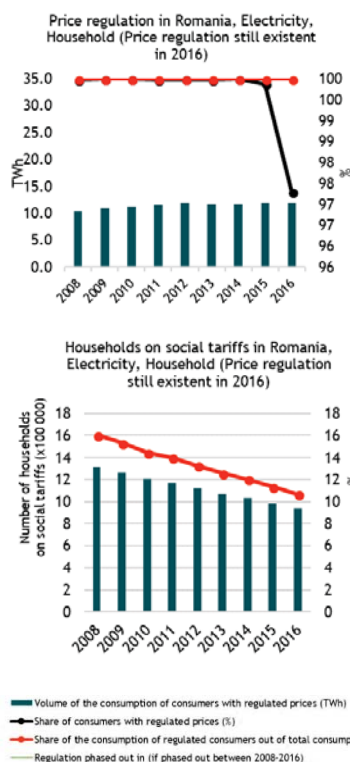


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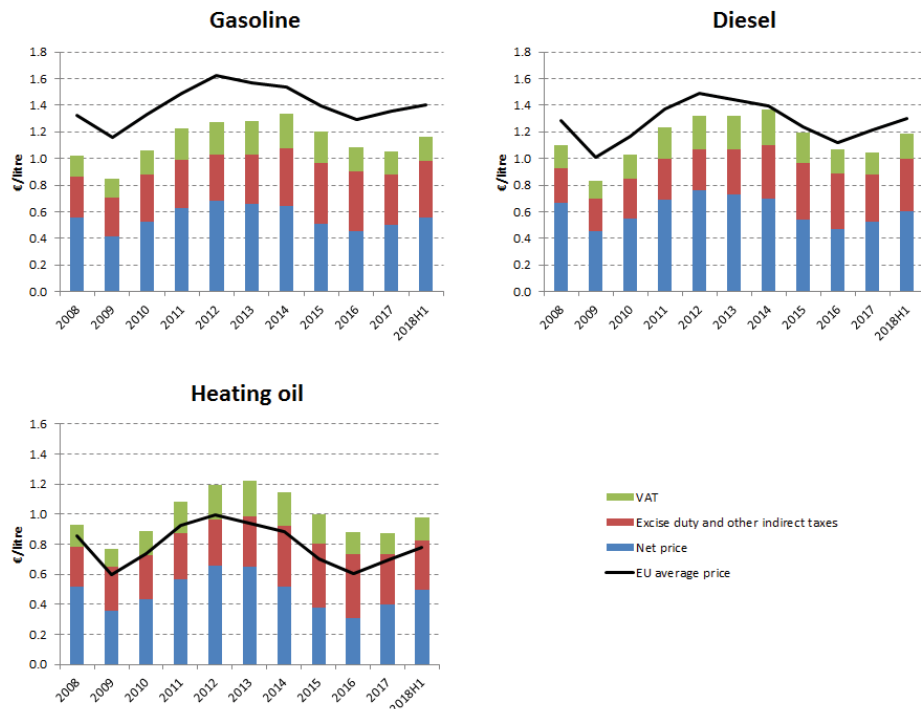
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Price regulation



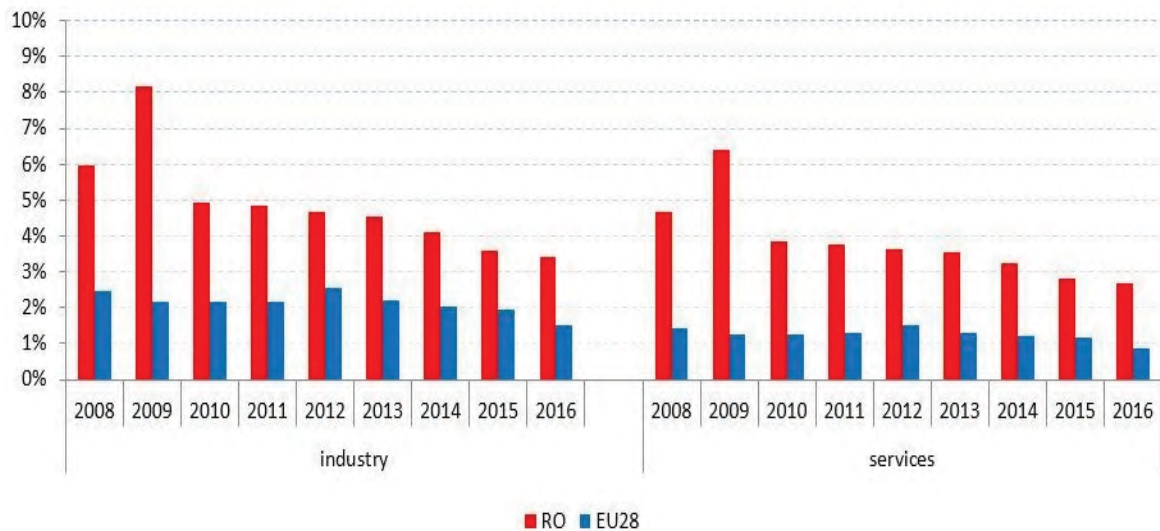
Oil products prices



Energy costs shares in total production costs

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

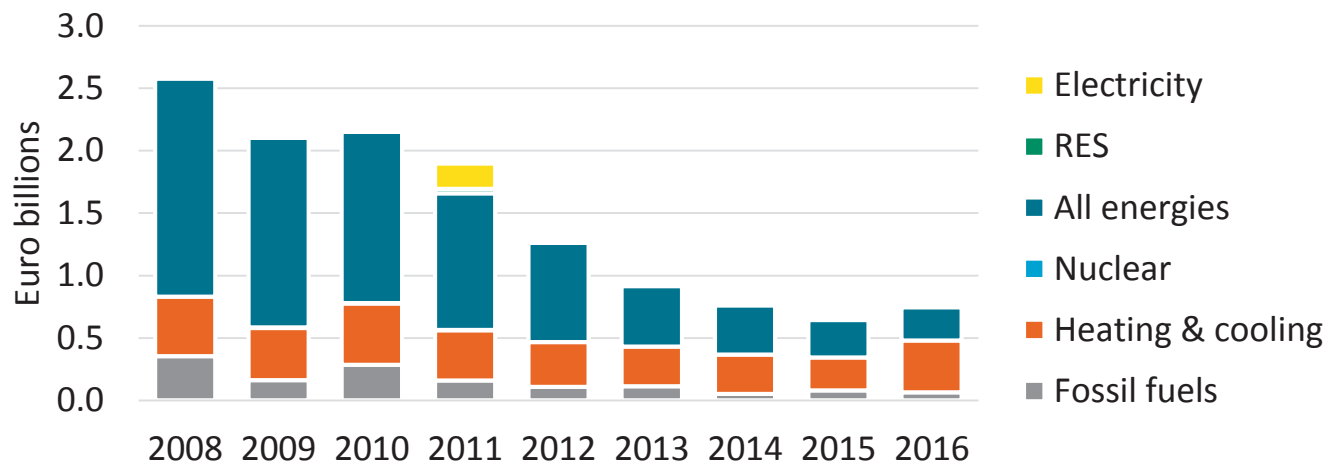
Source: ESTAT (SBS; NA), Primes, own calculations



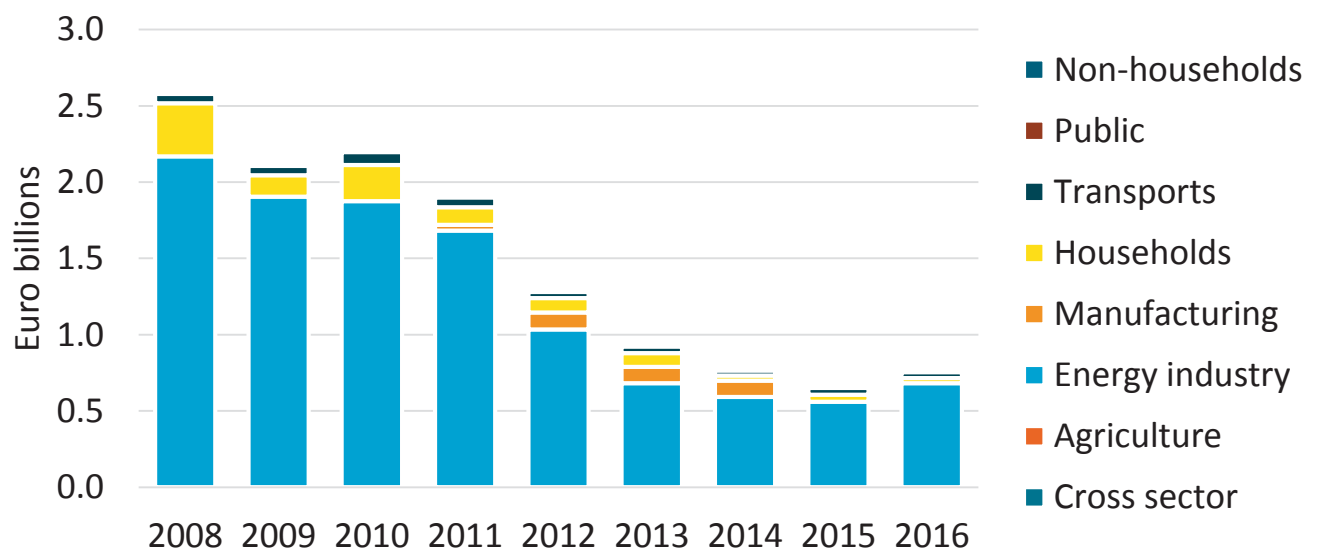
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Financial support interventions

Financial support by energy/technology (billion euros)



Financial support by sector (billion euros)



Slovakia

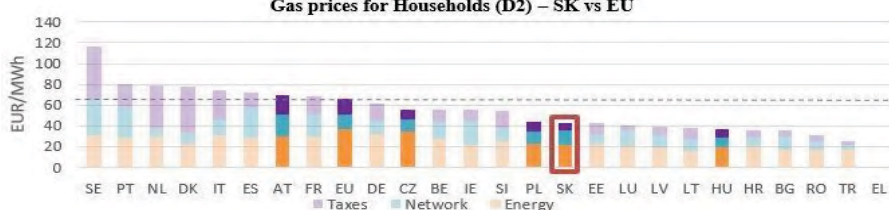


Electricity prices for Households (DC) – SK vs EU

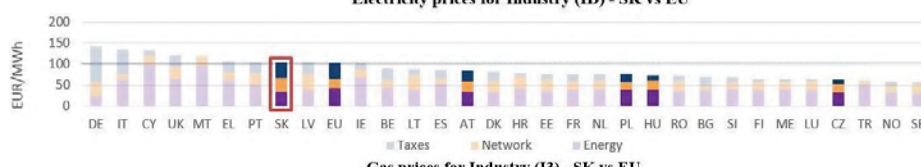


See footnote 1

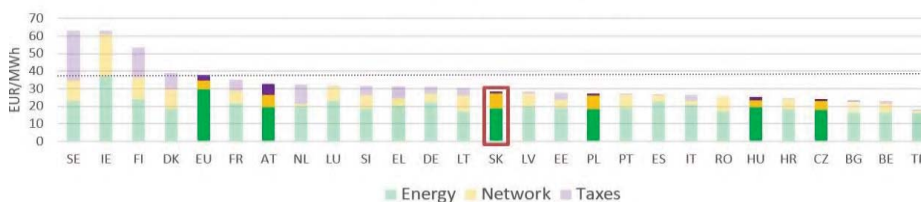
Gas prices for Households (D2) – SK vs EU



Electricity prices for Industry (ID) – SK vs EU



Gas prices for Industry (I3) – SK vs EU

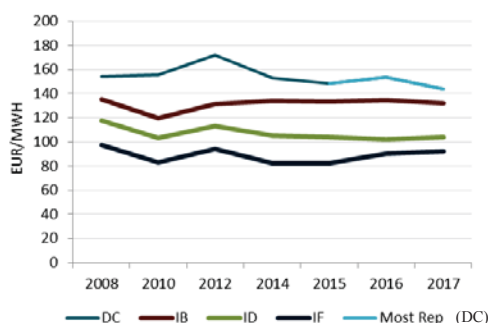


Electricity	DC	IB	ID	IF
	Household	Small Industry	Medium Industry	Large Industry

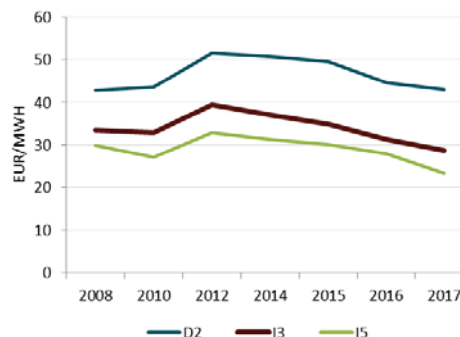
Gas	D2	I3	I5
	Household	Medium Industry	Large Industry

See footnote 2

Electricity prices in Slovakia



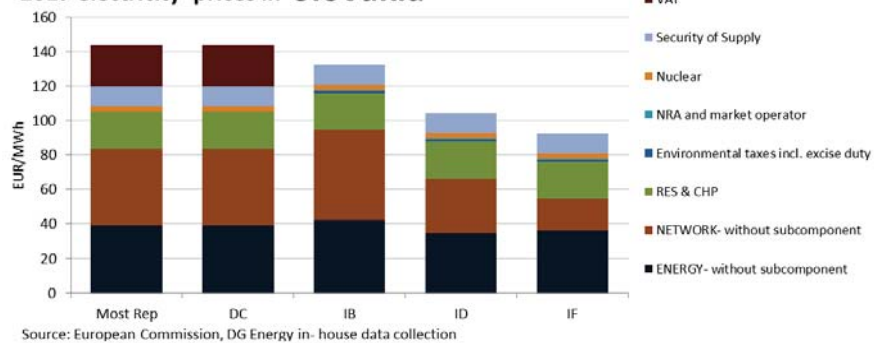
Natural gas prices in Slovakia



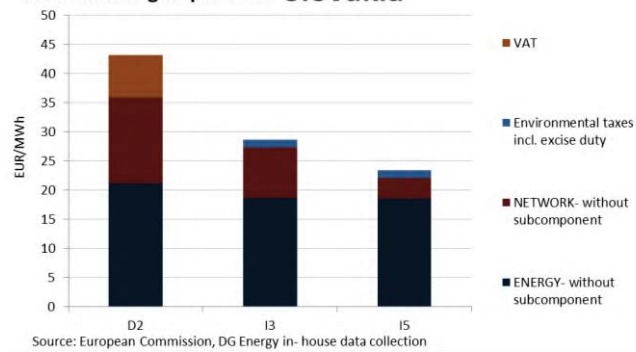
¹ Neighbour countries and EU 28. No gas household prices available for Greece for 2017.

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 Slovakia

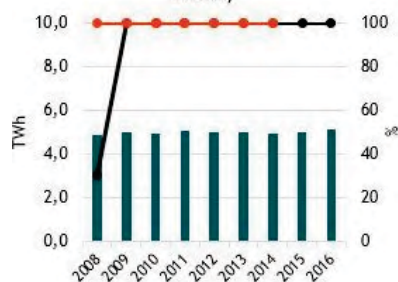


2017 natural gas prices in Slovakia

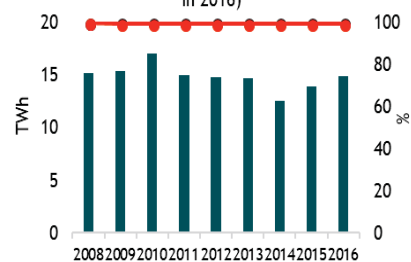


Price regulation

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

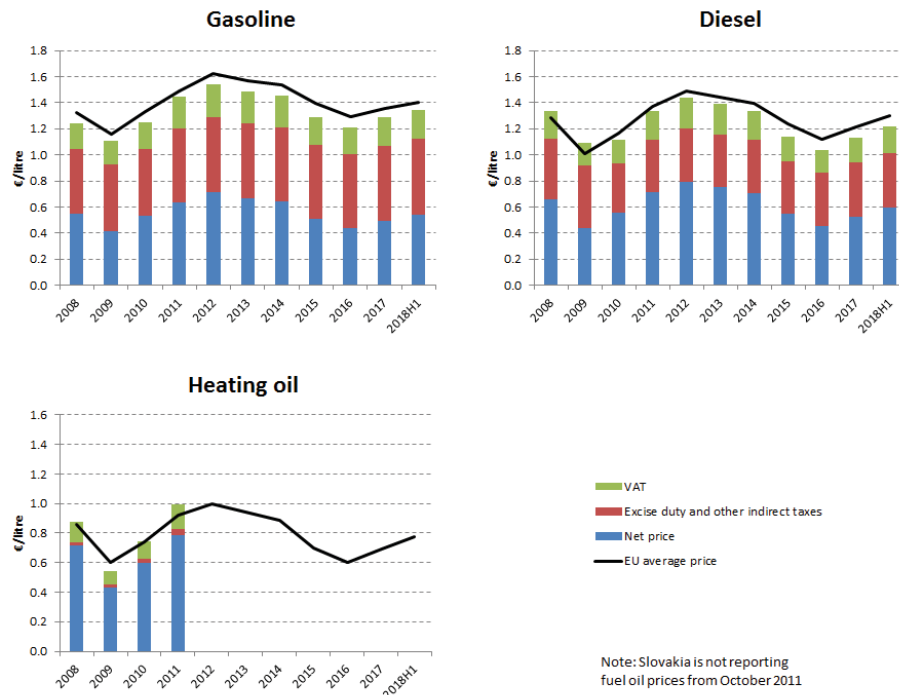


Price regulation in Slovakia, Gas, Household (Price regulation still existent in 2016)



- 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)

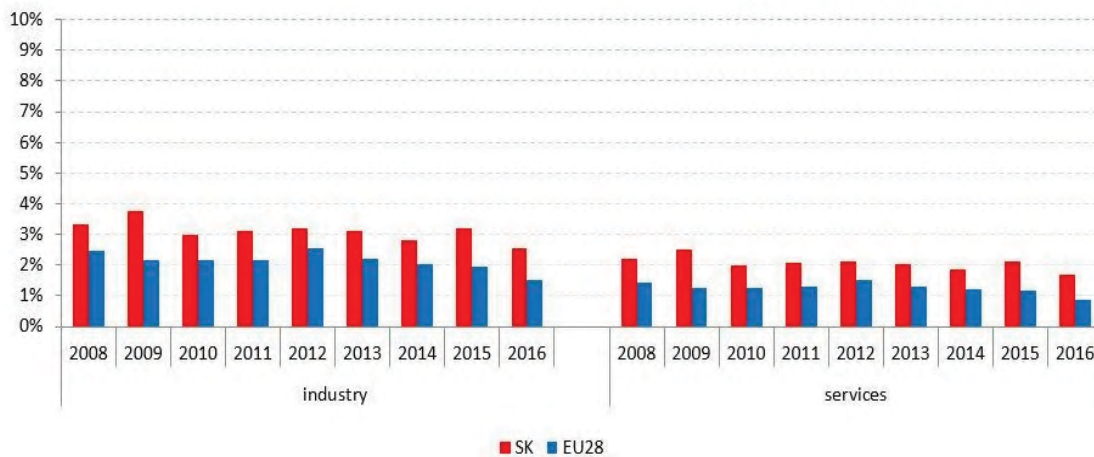
Oil products prices



Energy costs shares in total production costs

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

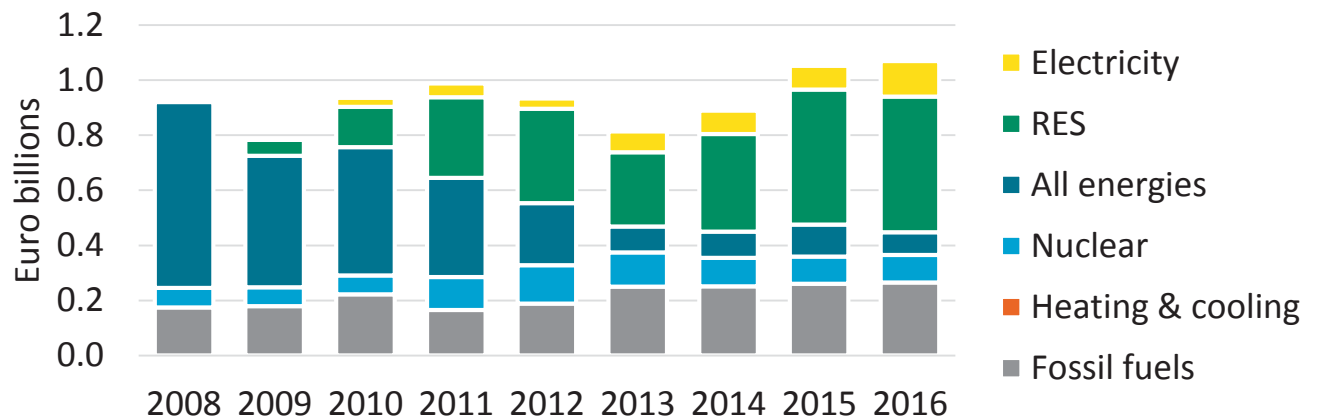
Source: ESTAT (SBS; NA), Primes, own calculations



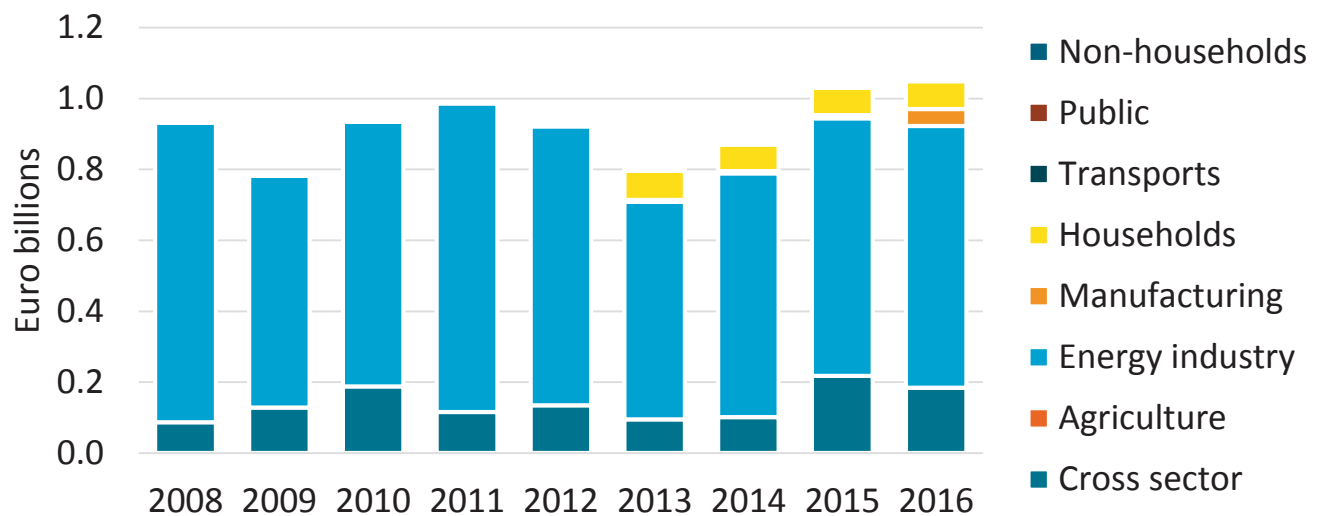
Notes: Data for Malta (prior to 2016), Poland (prior to 2015), Slovenia (prior to 2012) and Greece (prior to 2008) is not available. Data for Denmark, Sweden and the United Kingdom for 2016 was missing by the time of extraction

Financial support interventions

Financial support by energy/technology (billion euros)



Financial support by sector (billion euros)



Slovenia

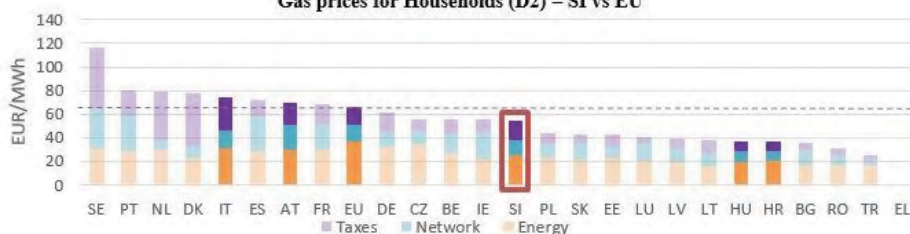


Electricity prices for Households (DC) – SI vs EU

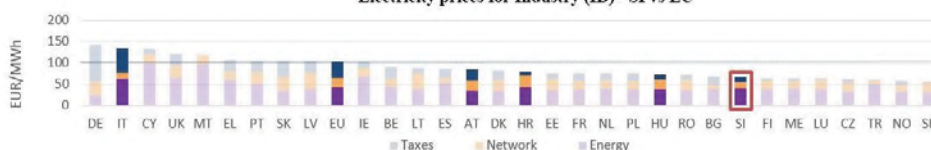


See footnote 1

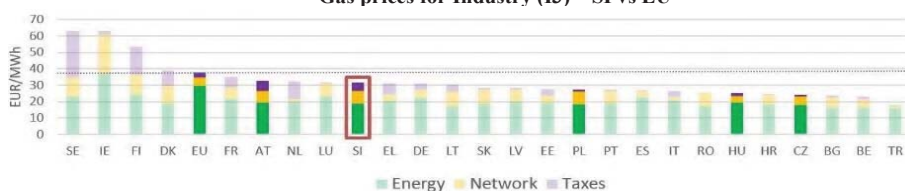
Gas prices for Households (D2) – SI vs EU



Electricity prices for Industry (ID) – SI vs EU



Gas prices for Industry (I3) – SI vs EU

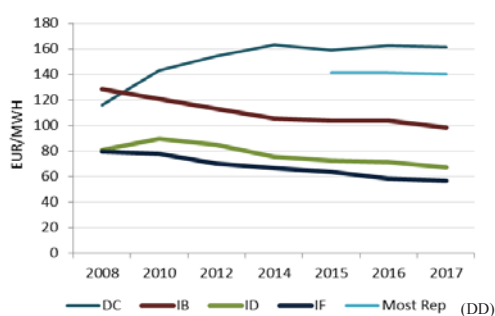


Electricity	DC	IB	ID	IF
	Household	Small Industry	Medium Industry	Large Industry

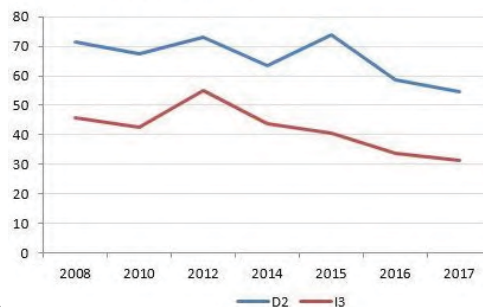
Gas	D2	I3	I5
	Household	Medium Industry	Large Industry

See footnote 2

Electricity prices in Slovenia



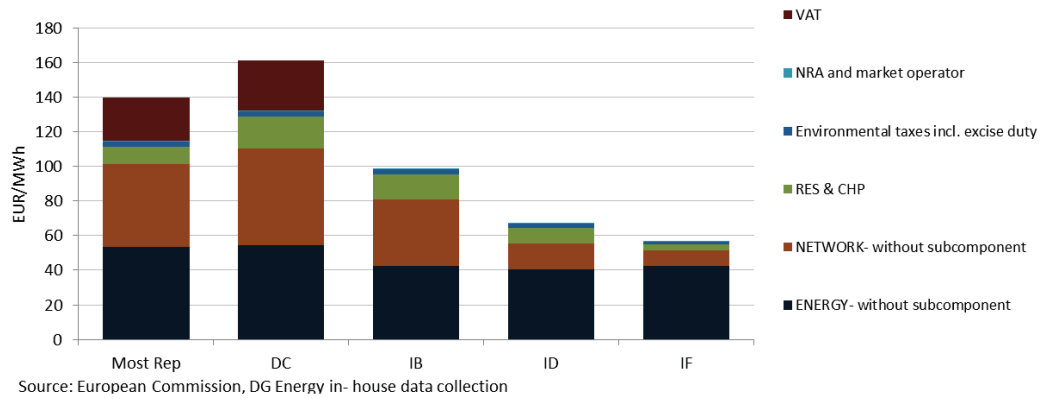
Natural gas prices in Slovenia



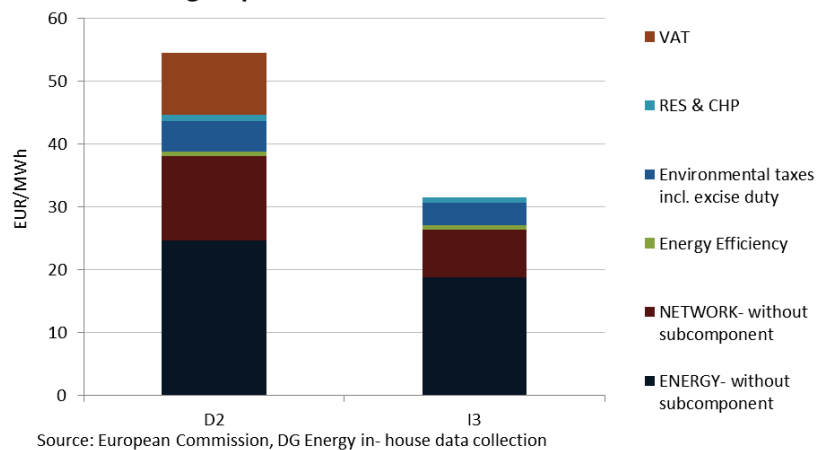
¹ Neighbour countries and EU 28. No gas household prices available for Greece for 2017.

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 Slovenia

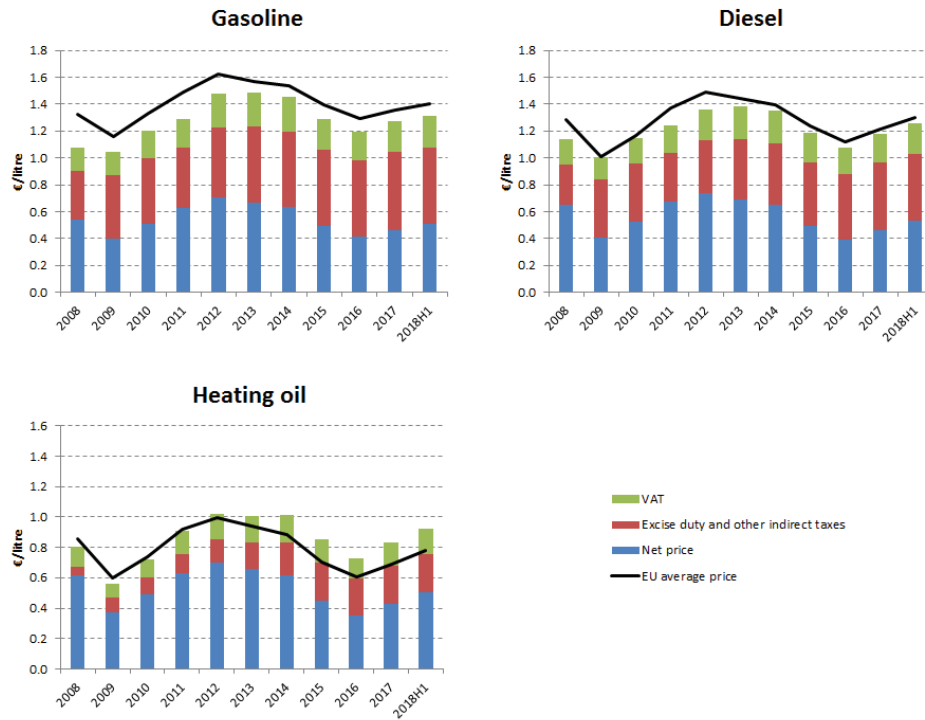


2017 natural gas prices in Slovenia



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

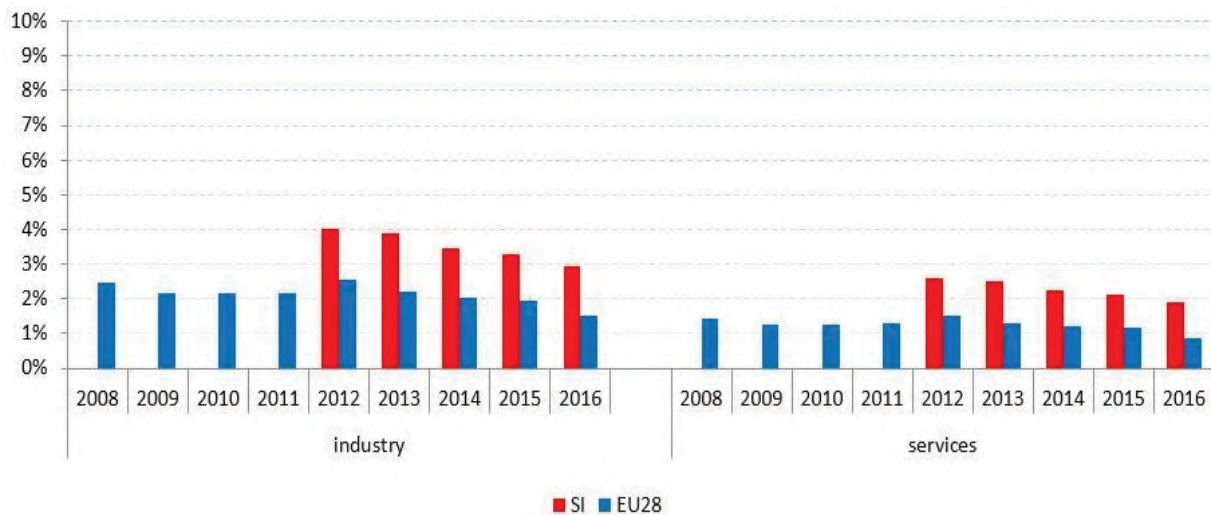
Oil products prices



Energy costs shares in total production costs

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

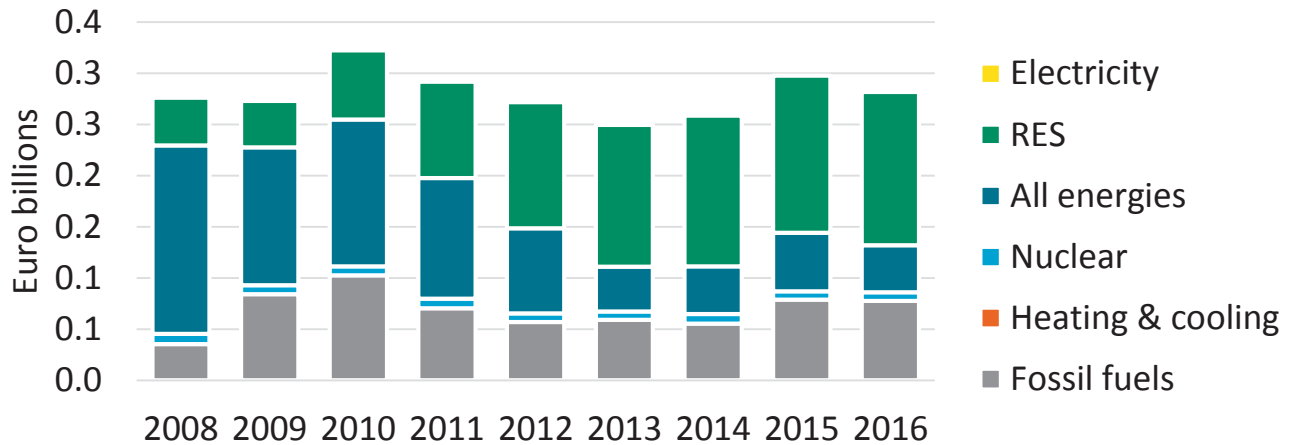
Source: ESTAT (SBS; NA), Primes, own calculations



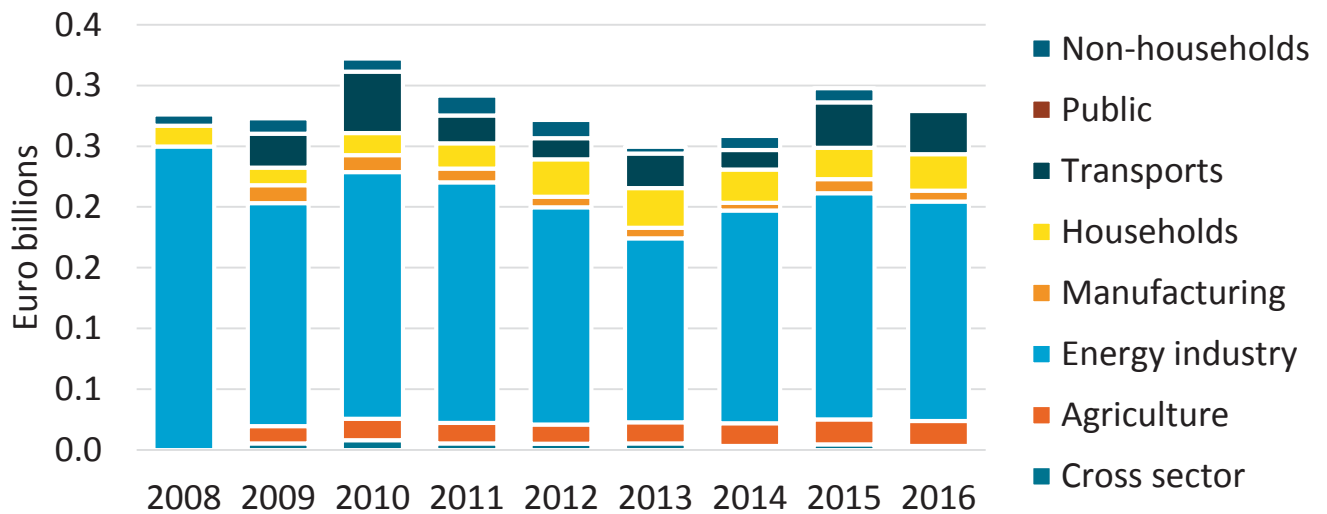
Notes: Data for Malta (prior to 2016), Poland (prior to 2015), Slovenia (prior to 2012) and Greece (prior to 2008) is not available. Data for Denmark, Sweden and the United Kingdom for 2016 was missing by the time of extraction

Financial support interventions

Financial support by energy/technology (billion euros)



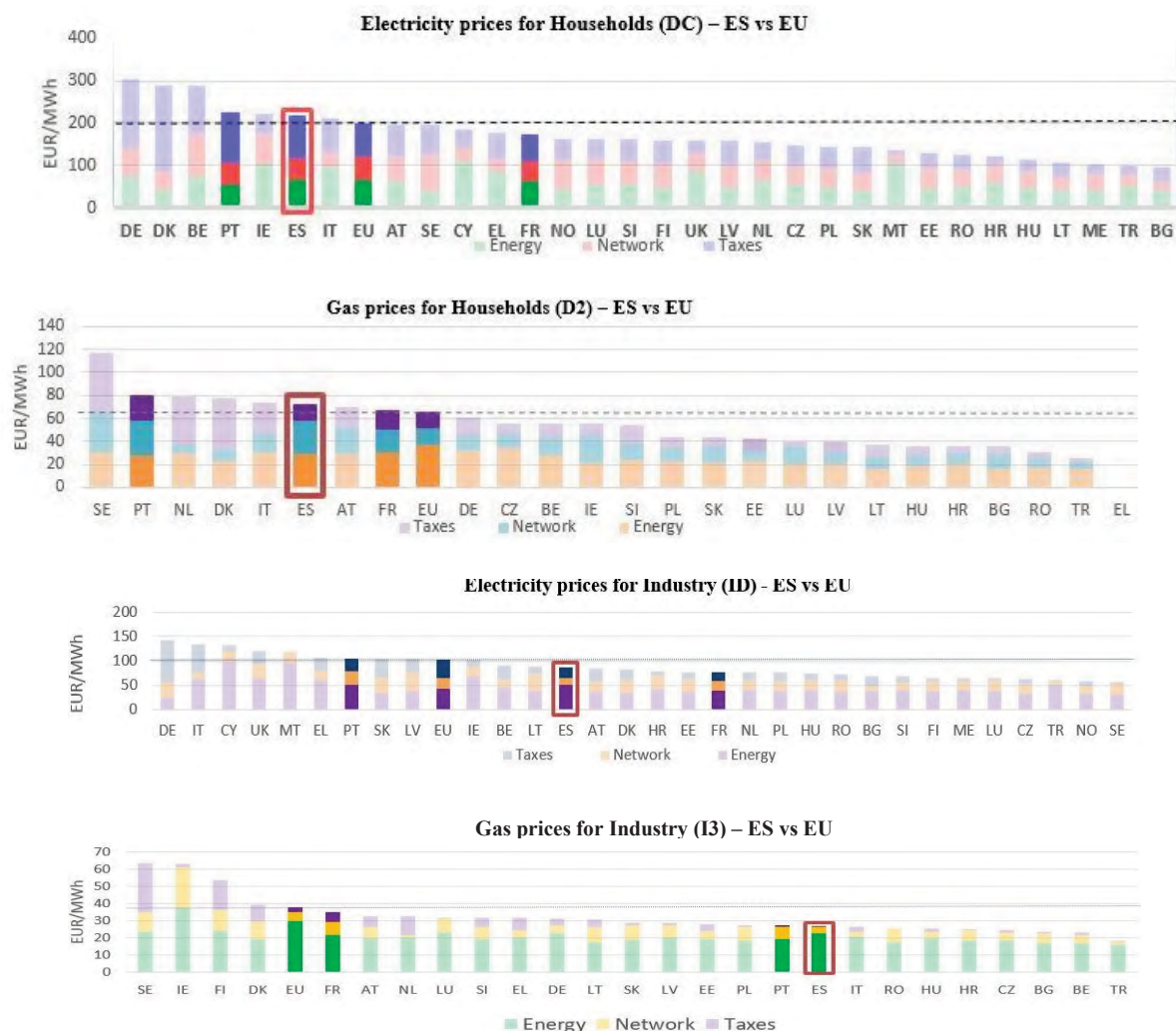
Financial support by sector (billion euros)



Spain



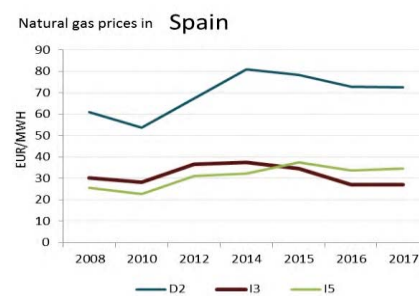
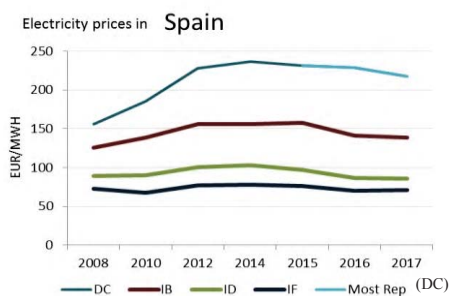
See footnote ¹



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

Gas	D2	I3	I5
	Household	Medium Industry	Large Industry

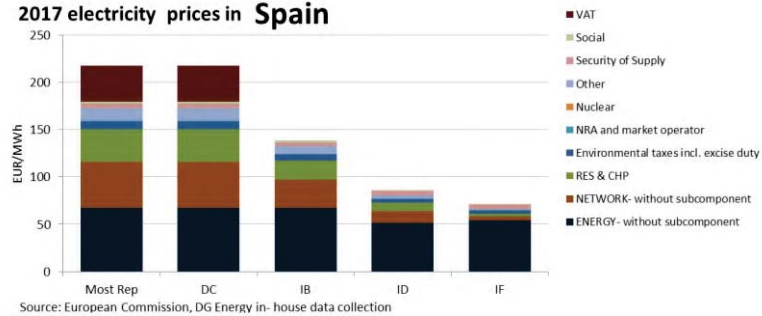
See footnote ²



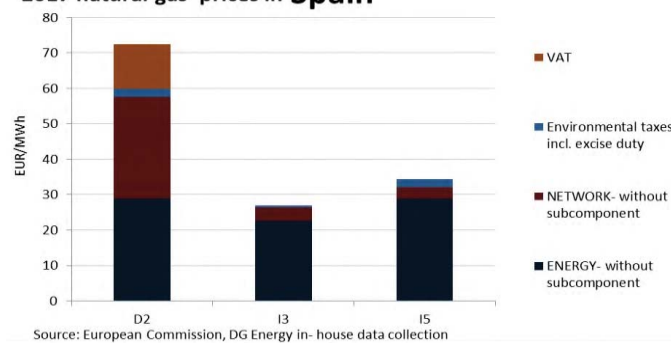
¹ Neighbour countries and EU 28. No gas household prices available for Greece for 2017.

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 Spain

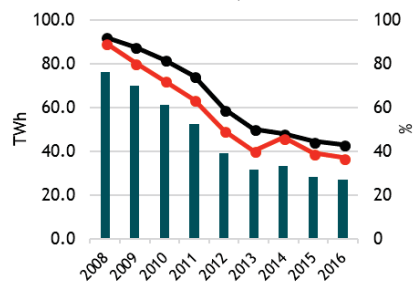


2017 natural gas prices in Spain

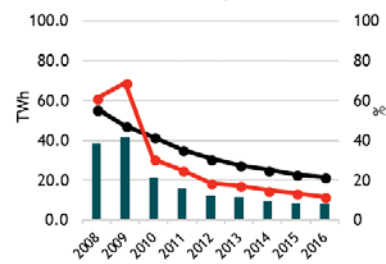


Price regulation

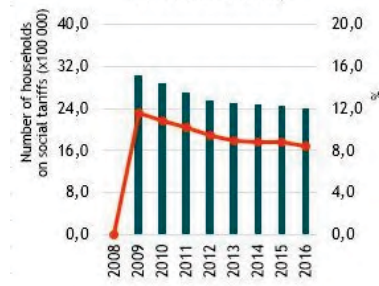
Price regulation in Spain, Electricity, Household (Price regulation still existent in 2016)



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

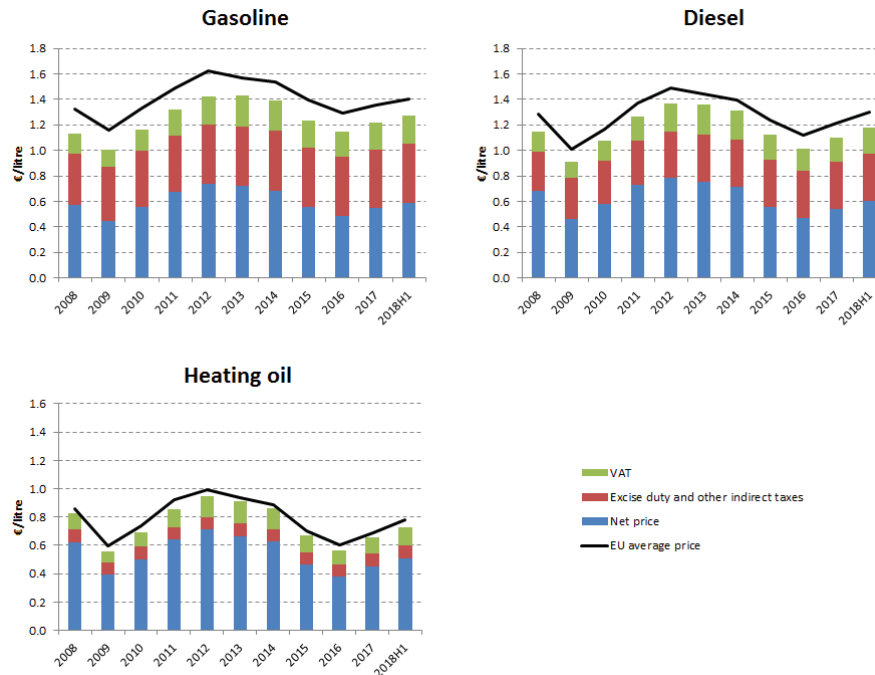


Households on social tariffs in Spain, Electricity, Household (Price regulation still existent in 2016)



■ 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)

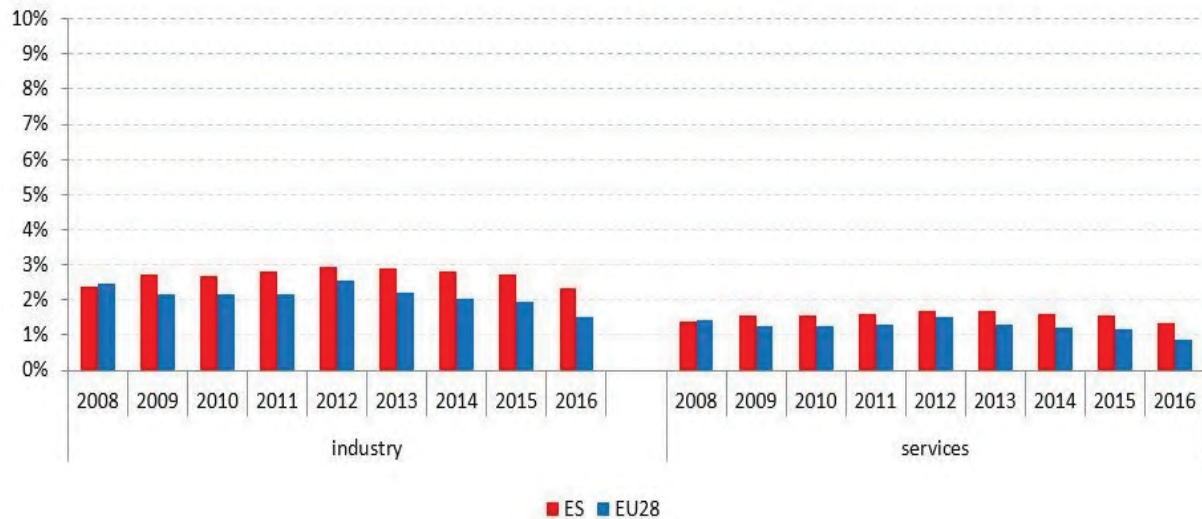
Oil products prices



Energy costs shares in total production costs

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

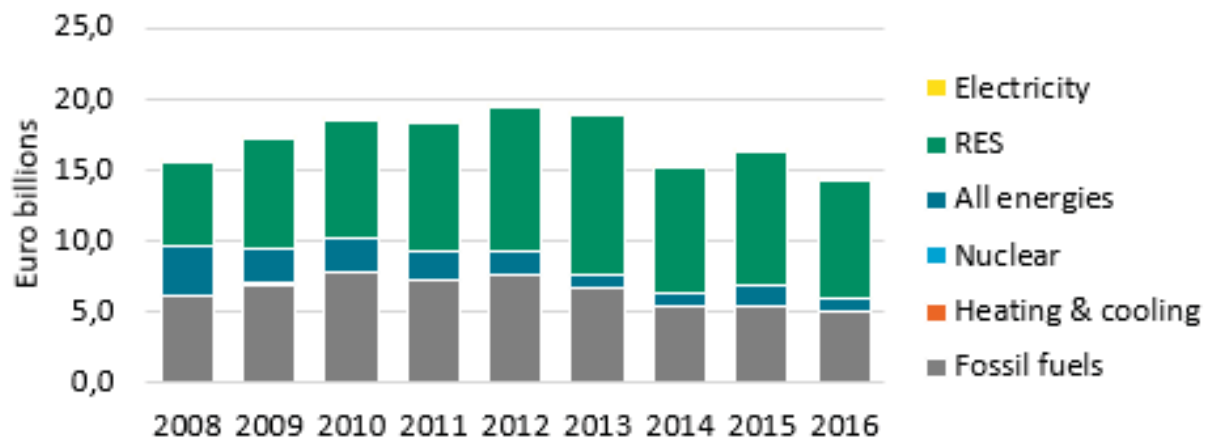
Source: ESTAT (SBS; NA), Primes, own calculations



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)

