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## POTEnCIA - Model results overview

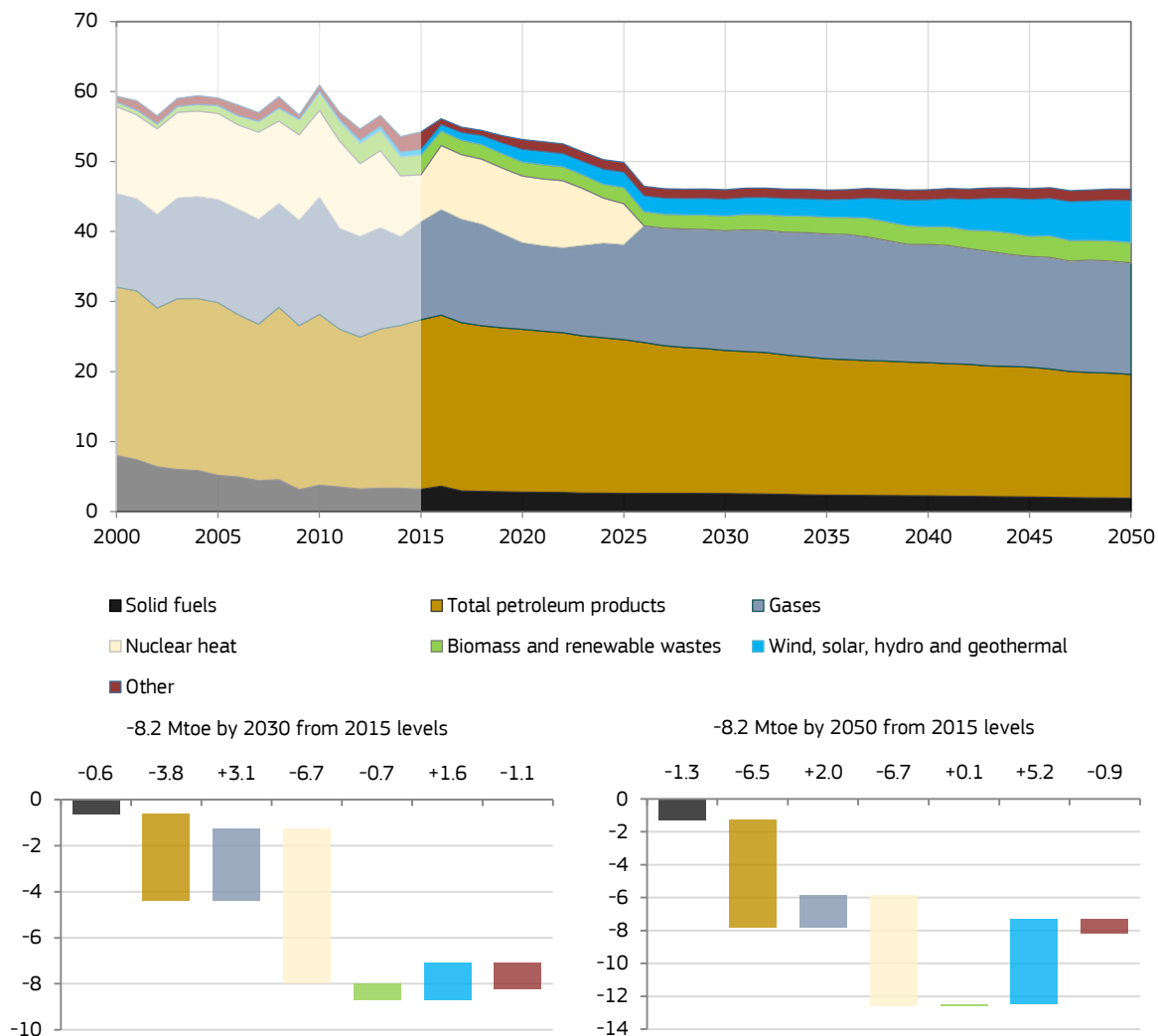
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Belgium

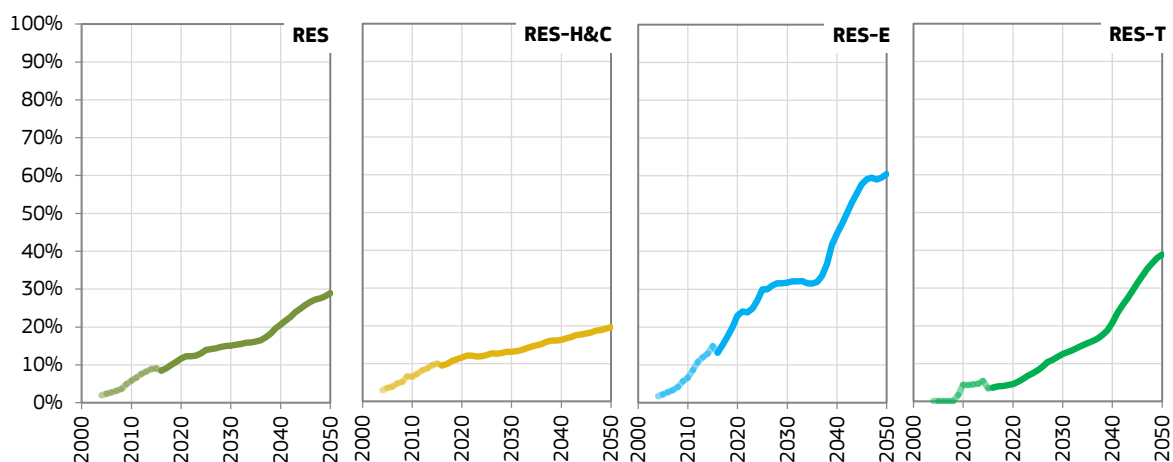
Central\_2018 scenario

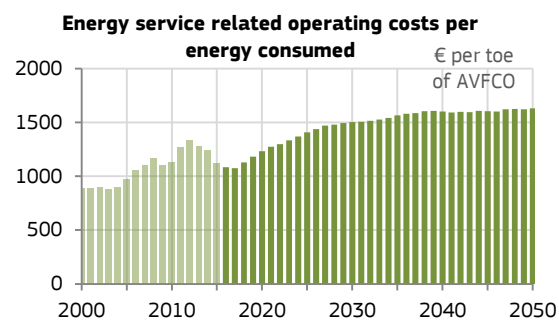
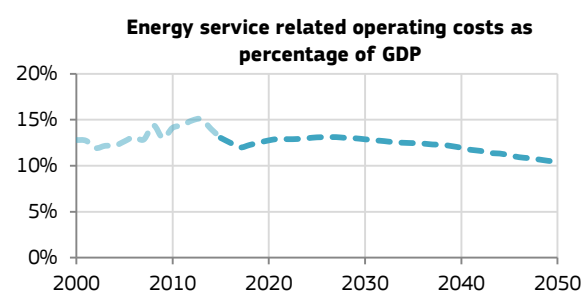
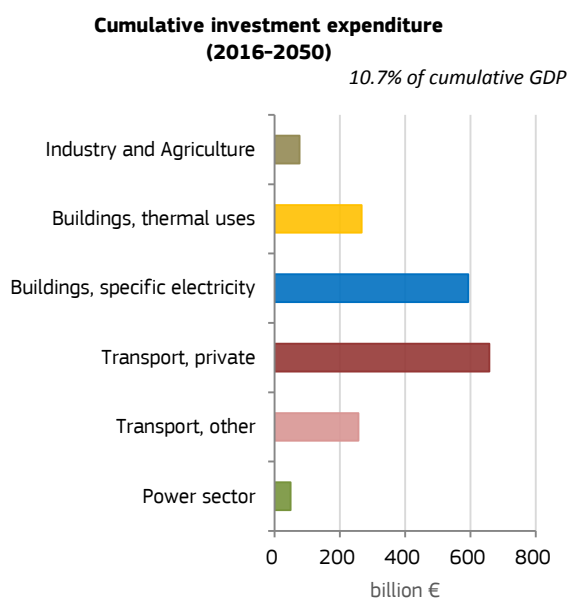
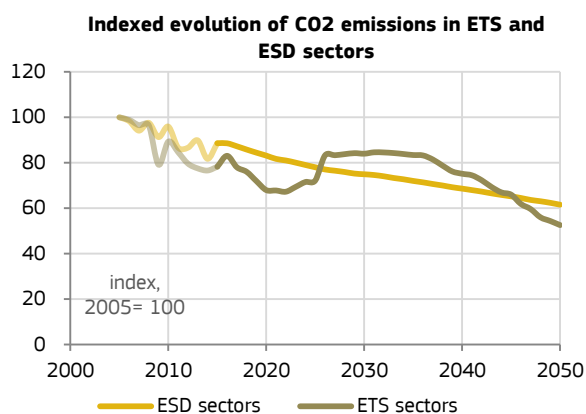
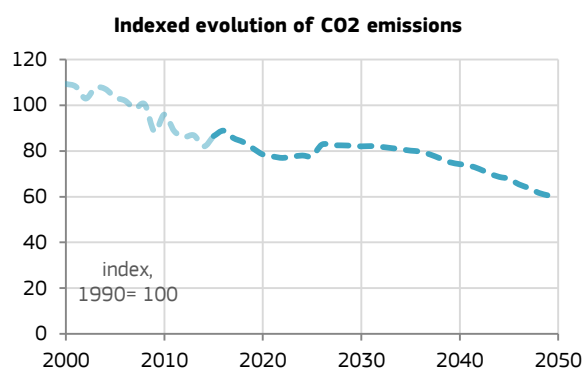
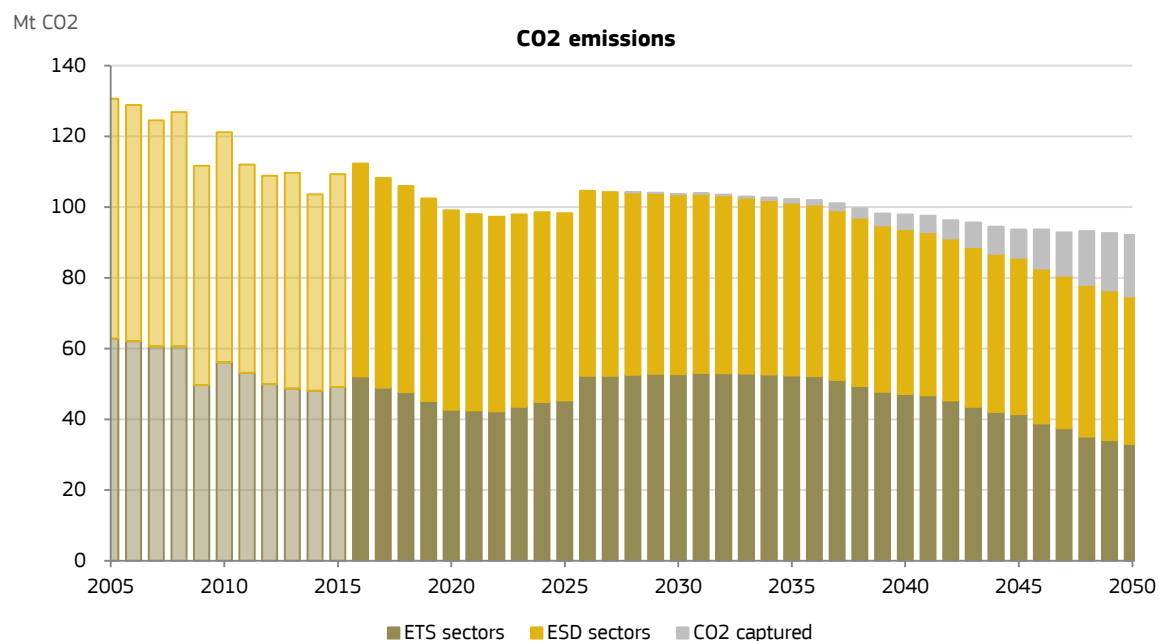
Mtoe

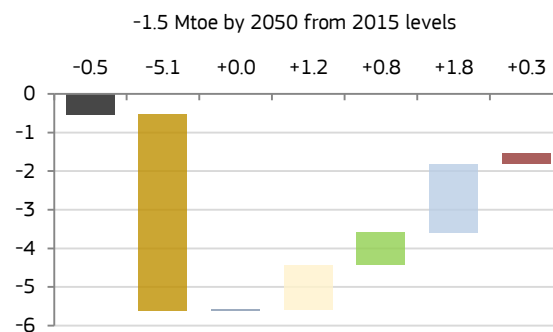
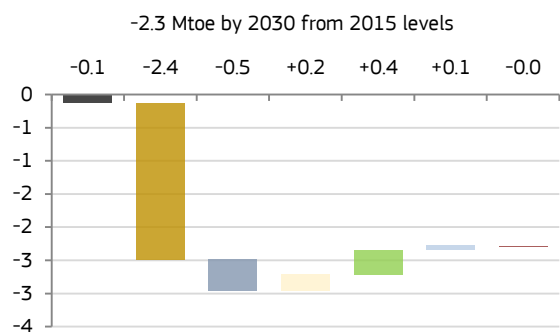
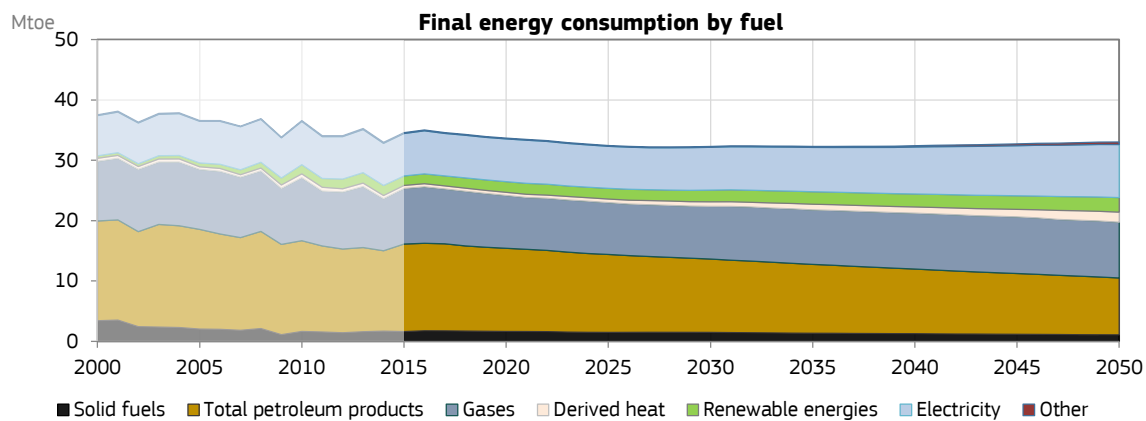
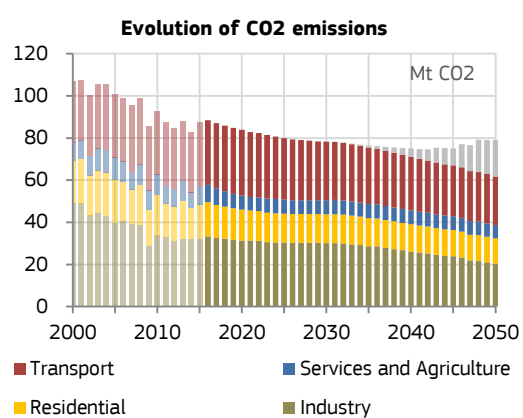
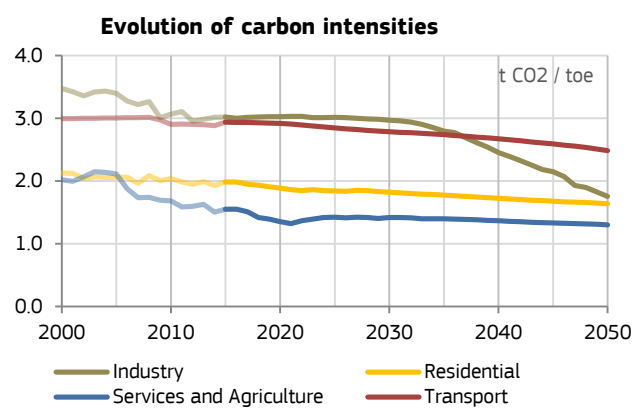
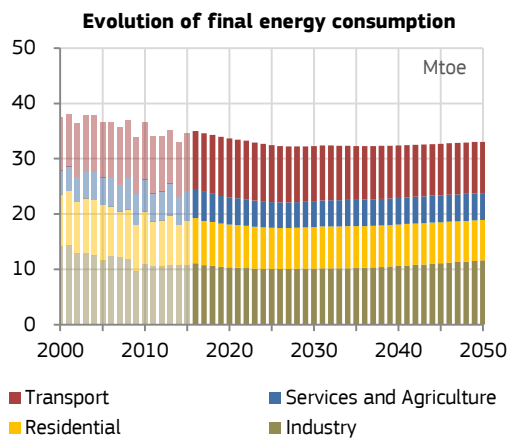
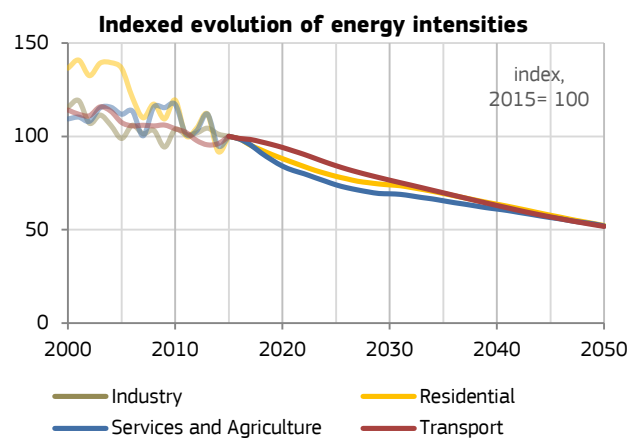
## Gross inland energy consumption

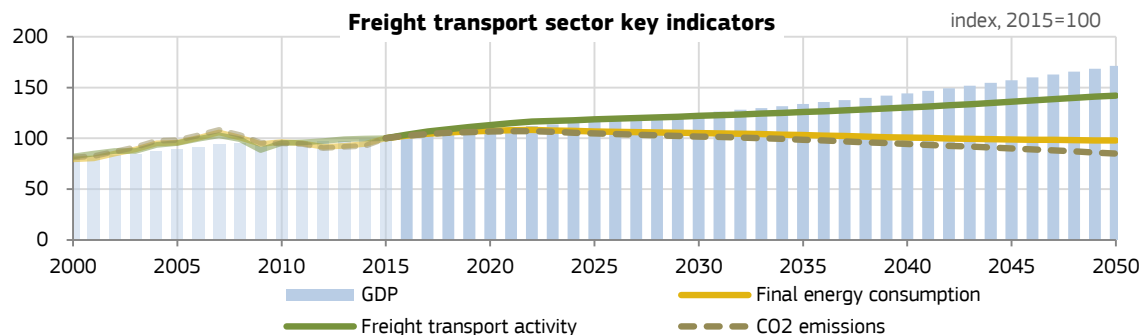
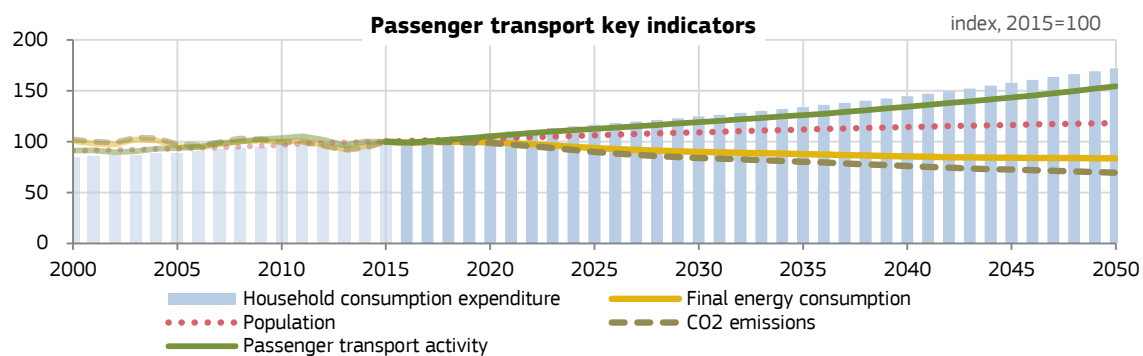
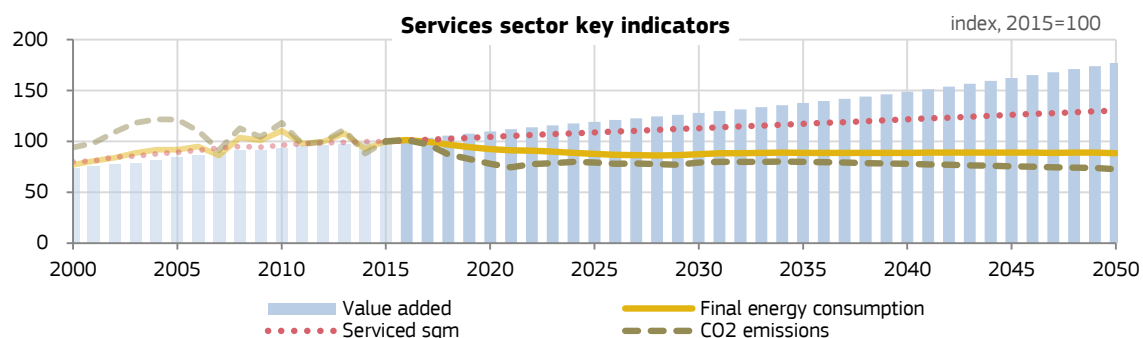
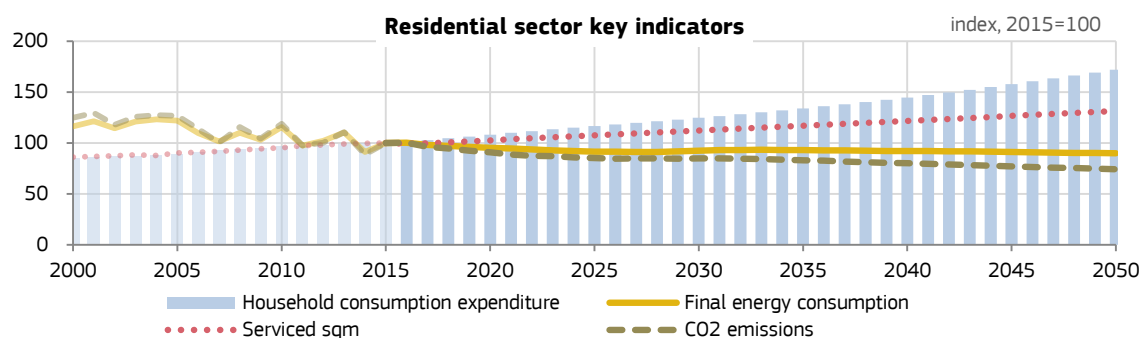
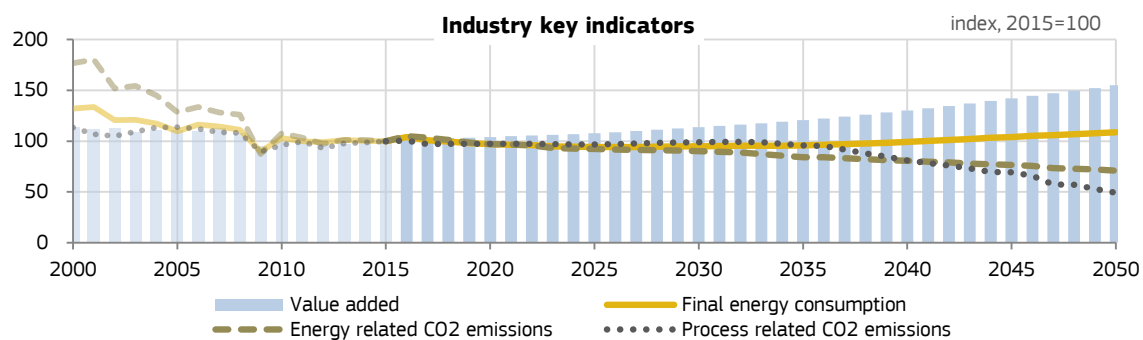


## Share of renewable energies



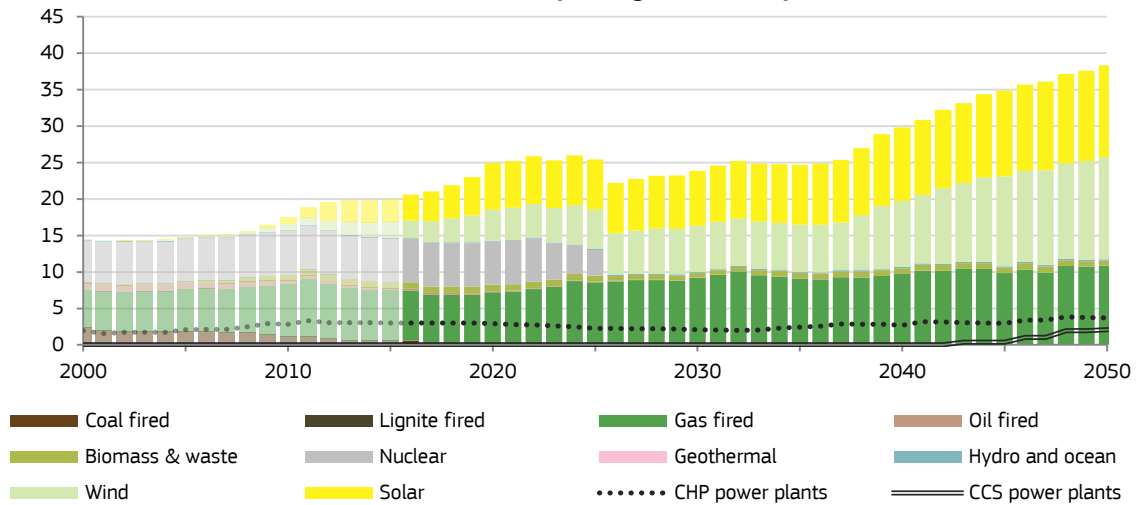






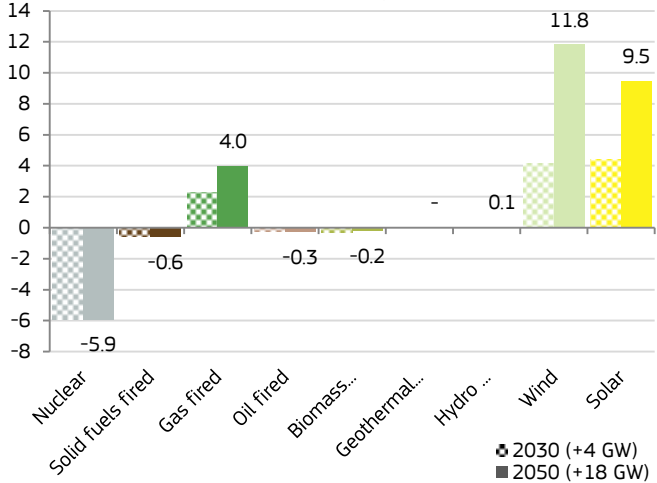
GW

Net installed power generation capacities

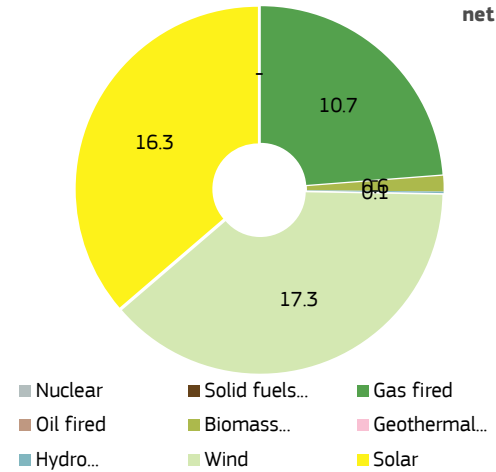


GW net

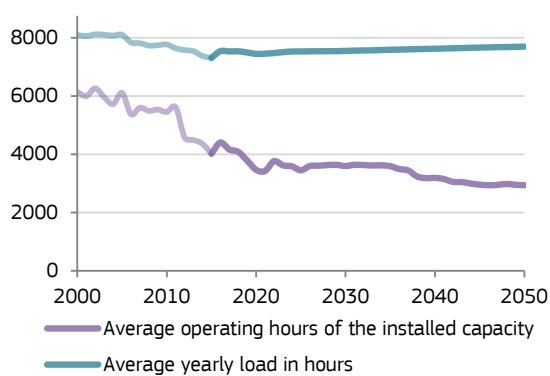
Installed capacities - difference to 2015



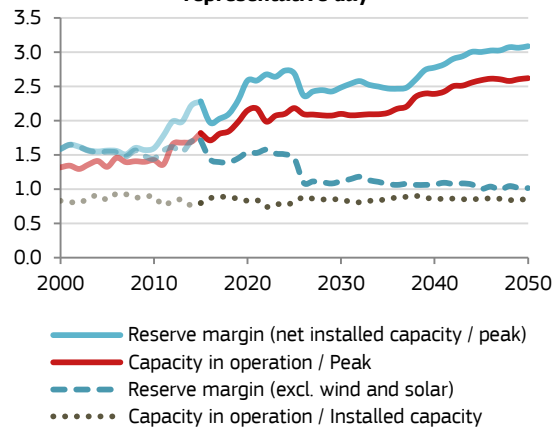
Cumulative investment 2016-2050 GW net

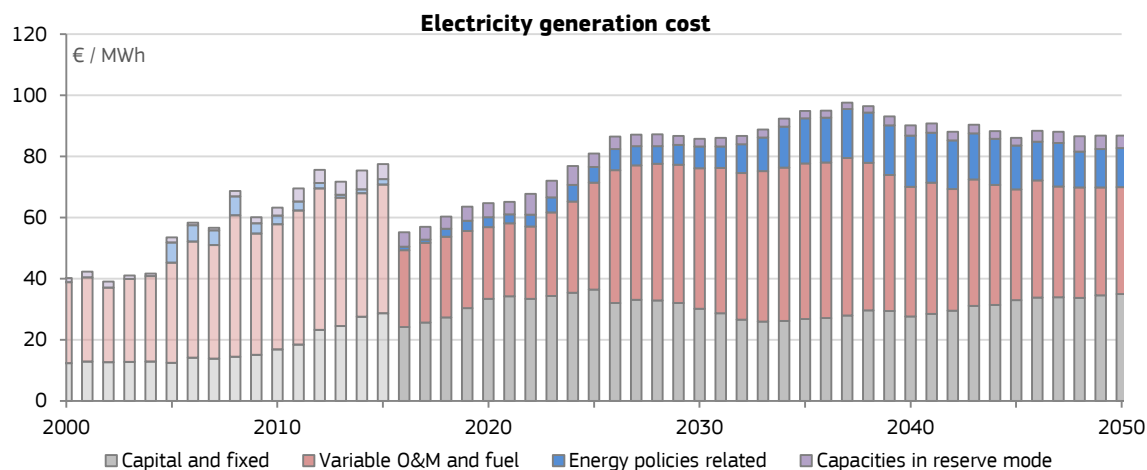
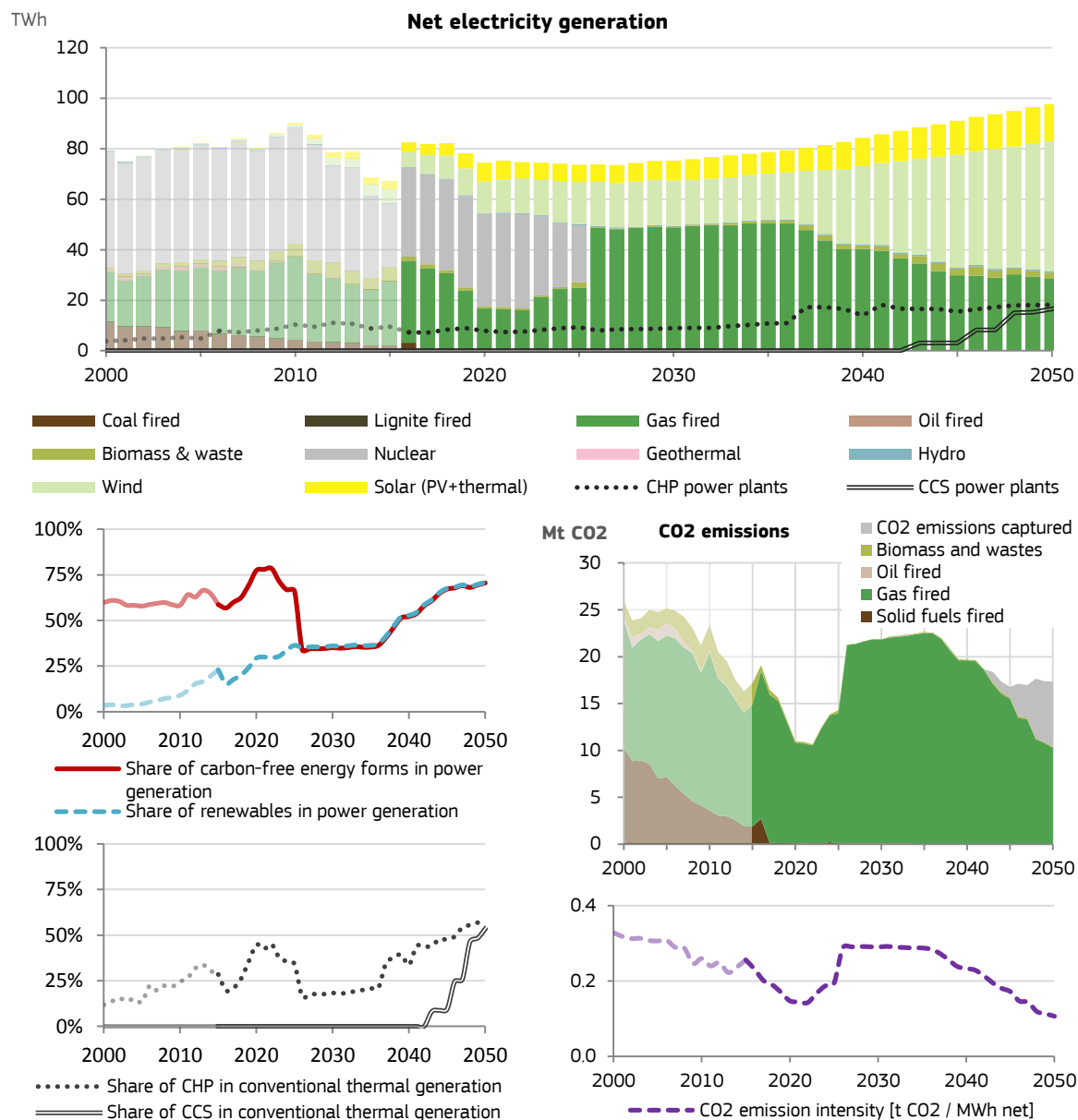


Operational characteristics



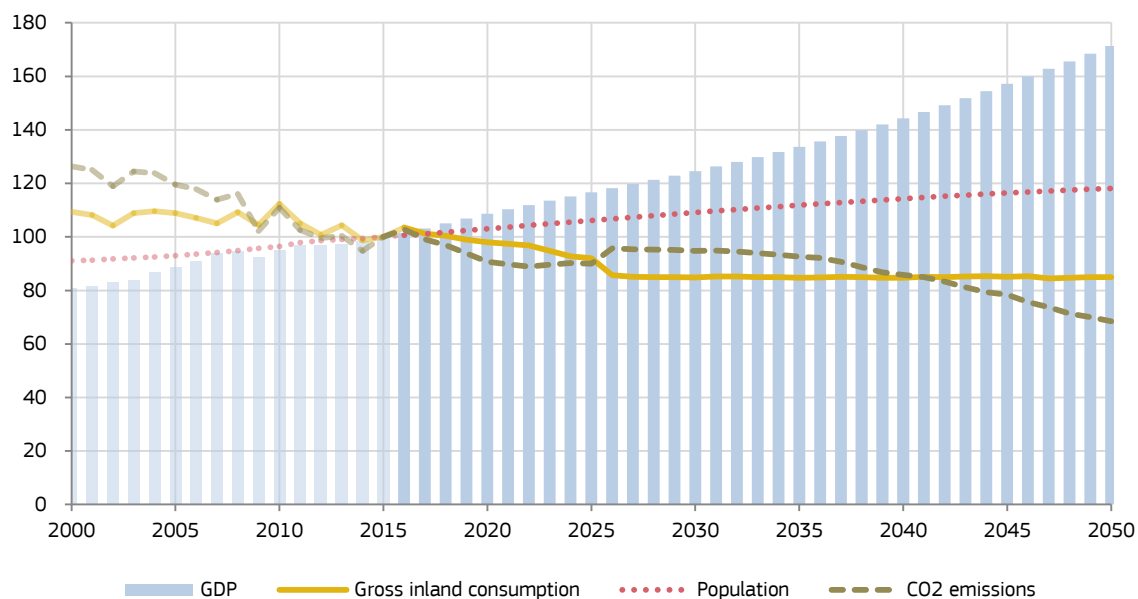
Power system indicators for the representative day





index, 2015=100

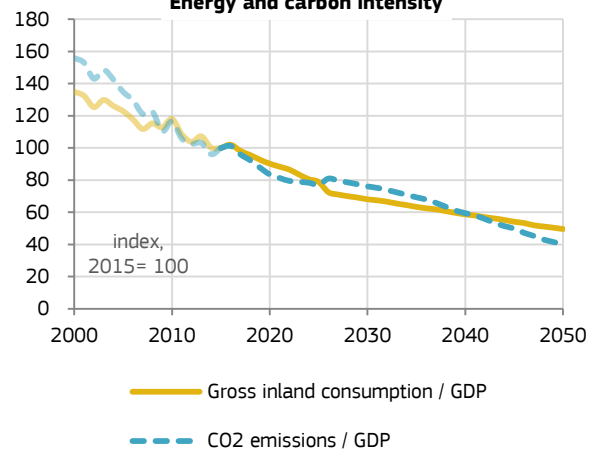
## Key indicators of the BE energy system



## Key figures concerning the evolution of the Central\_2018 - Indicators energy system

	1990	2005	2015	2020	2030	2050
Final energy consumption [Mtoe]	31.5	36.6	34.6	33.7	32.3	33.0
Primary energy consumption [Mtoe]	45.5	51.3	44.5	43.7	37.3	37.1
RES [%] - Share of energy from renewable sources		2.4%	9.0%	11.7%	15.1%	28.9%
RES-E [%] - Share of electricity from renewable sources		2.2%	15.0%	23.0%	31.7%	60.4%
Total CO2 emissions [Mt CO2] (with intern. aviation, without LULUCF)	126.3	130.6	109.3	99.1	103.6	74.8
reduction to 1990		3%	-14%	-22%	-18%	-41%
Emissions in current ETS sectors [(BE) [Mt CO2]		62.7	49.1	42.6	52.7	33.0
reduction to 2005			-22%	-32%	-16%	-47%
Emissions in current ESD sectors [Mt CO2]		67.9	60.2	56.5	50.9	41.8
reduction to 2005			-11%	-17%	-25%	-38%

## Energy and carbon intensity



## Per capita indicators

