

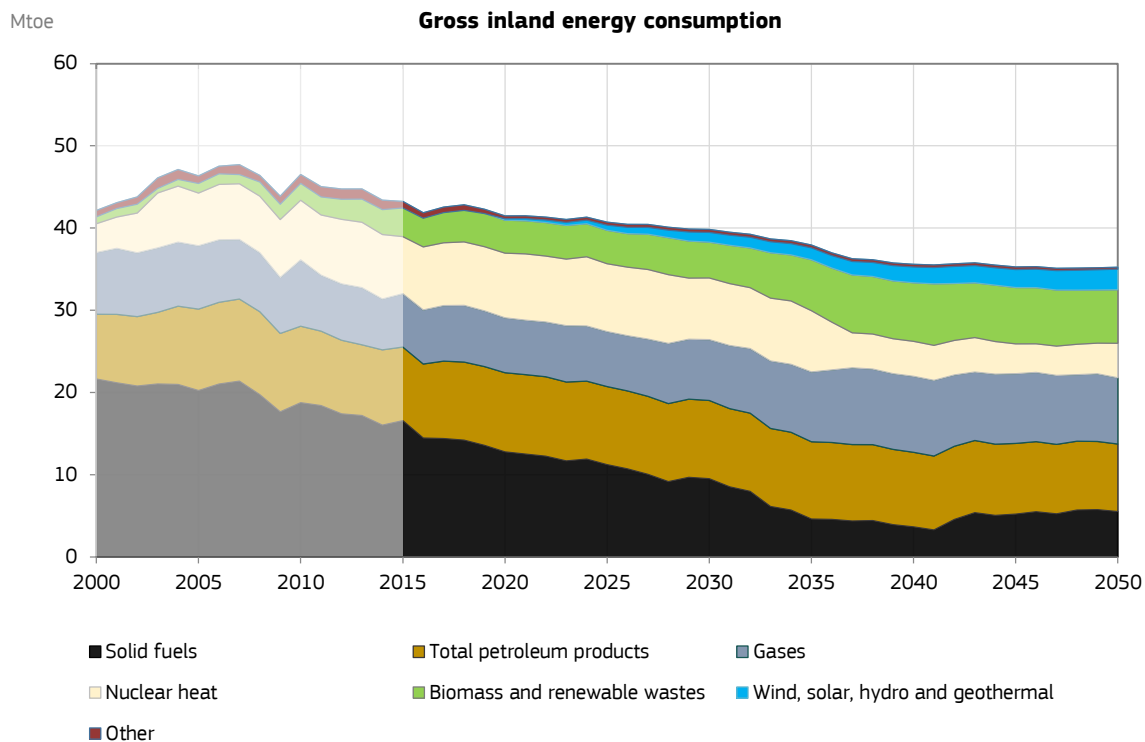
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## POTEnCIA - Model results overview

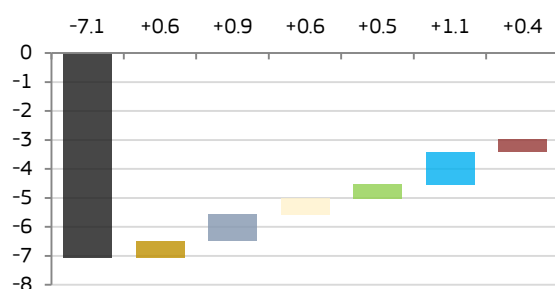
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Czechia

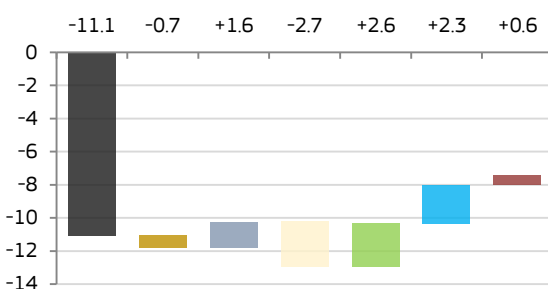
Central\_2018 scenario



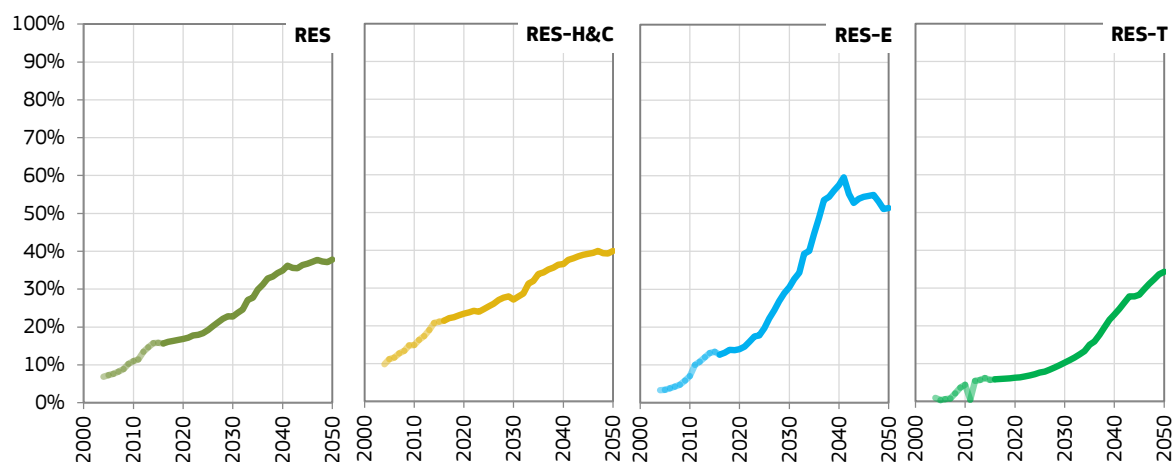
-3.0 Mtoe by 2030 from 2015 levels

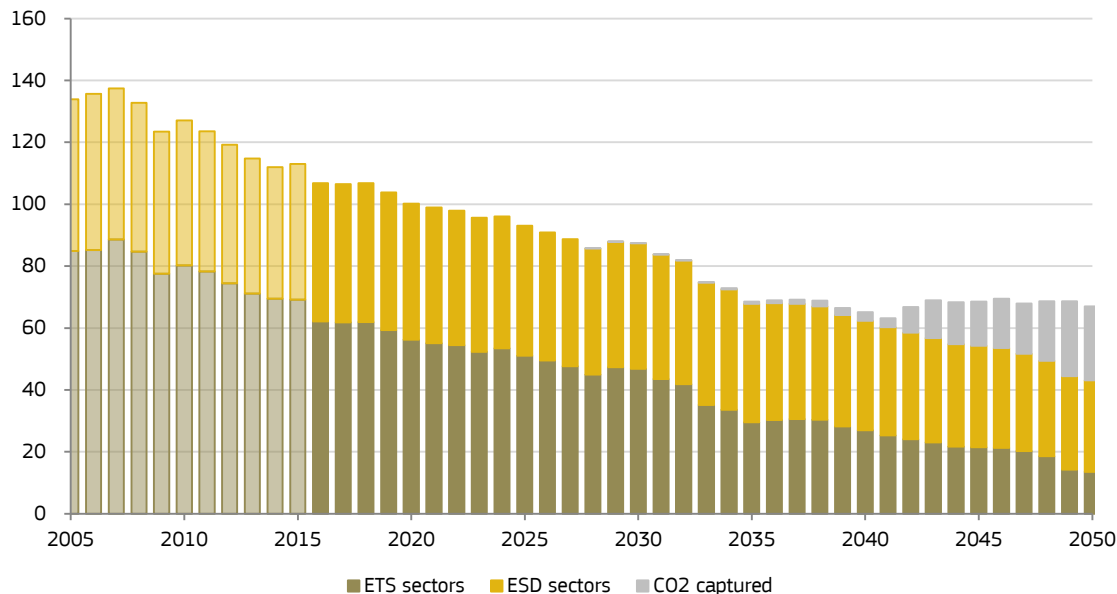
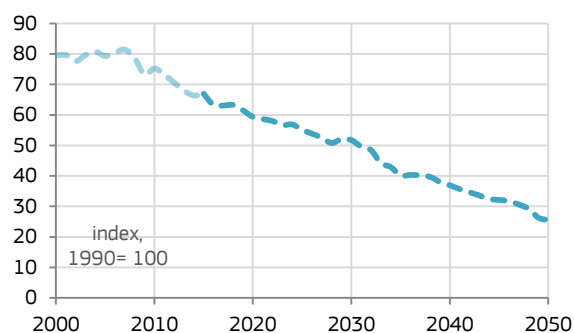
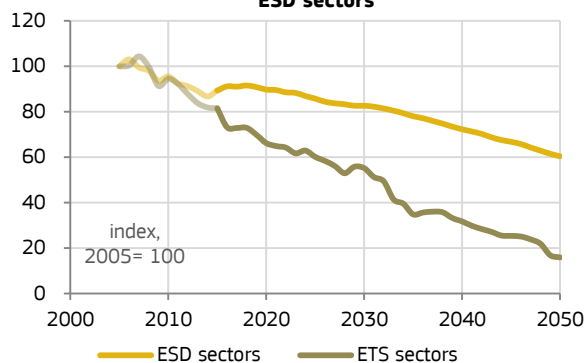


-7.4 Mtoe by 2050 from 2015 levels

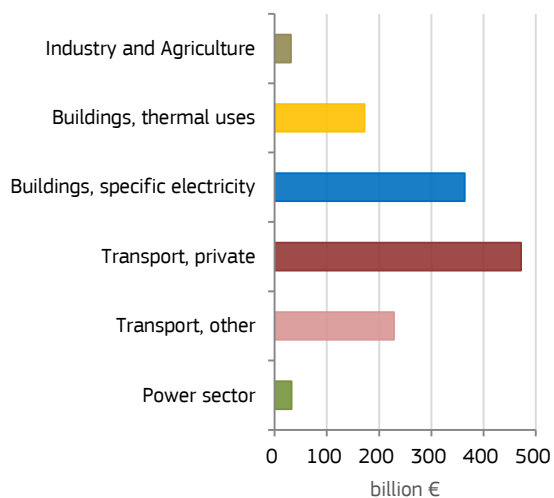
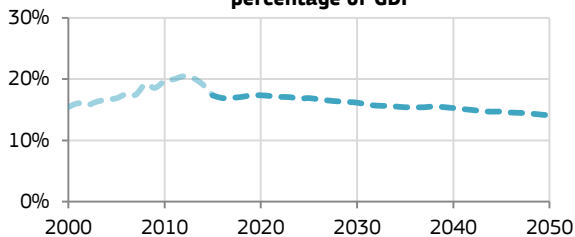
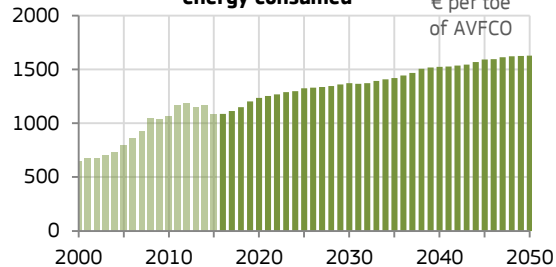


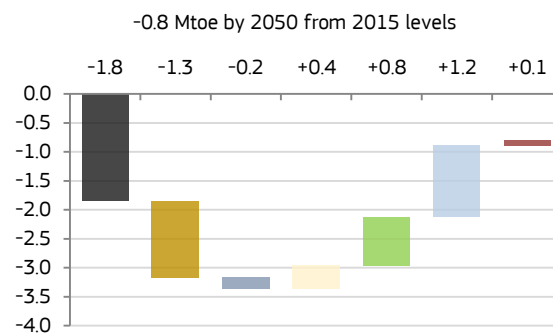
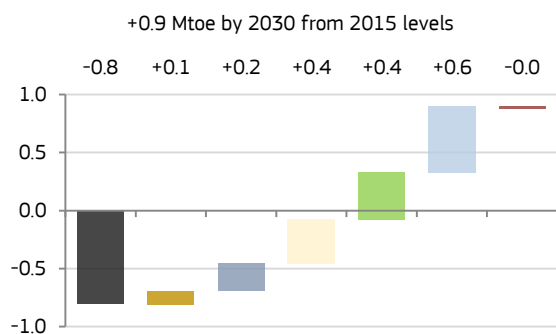
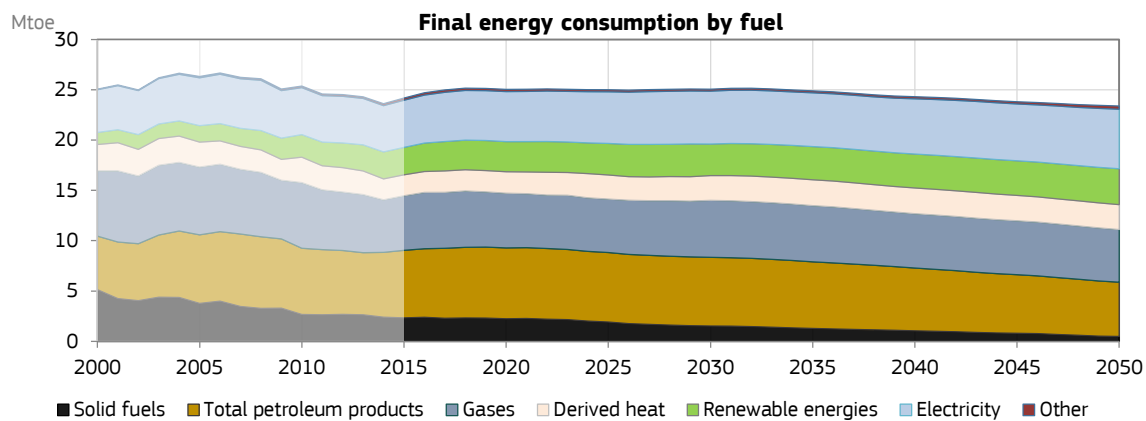
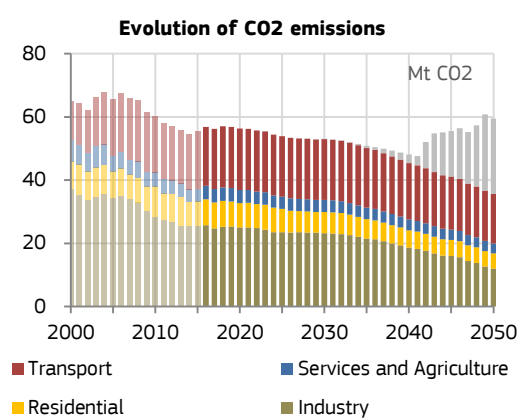
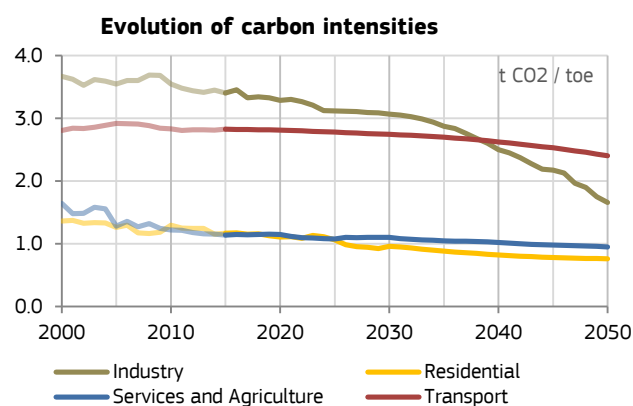
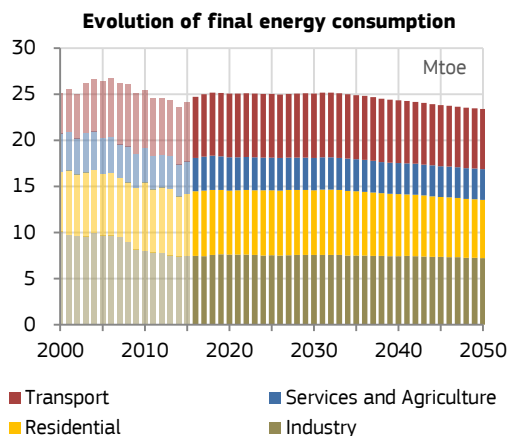
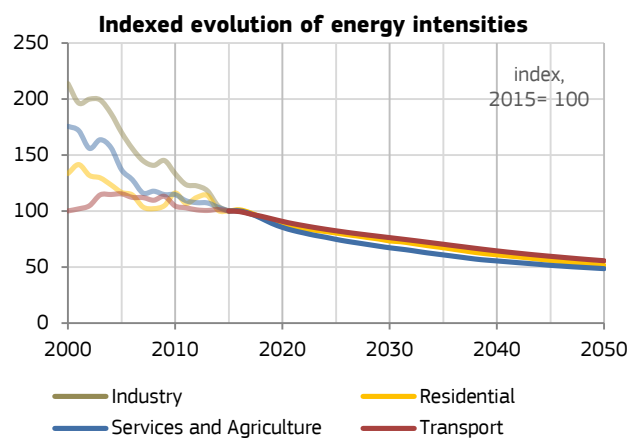
### Share of renewable energies

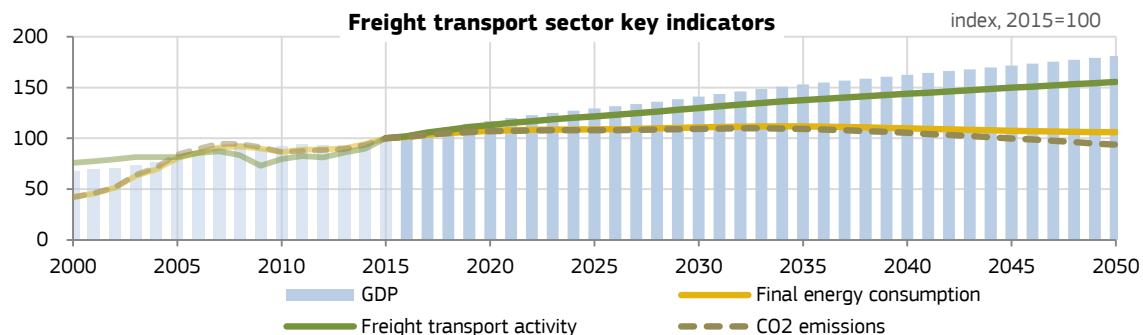
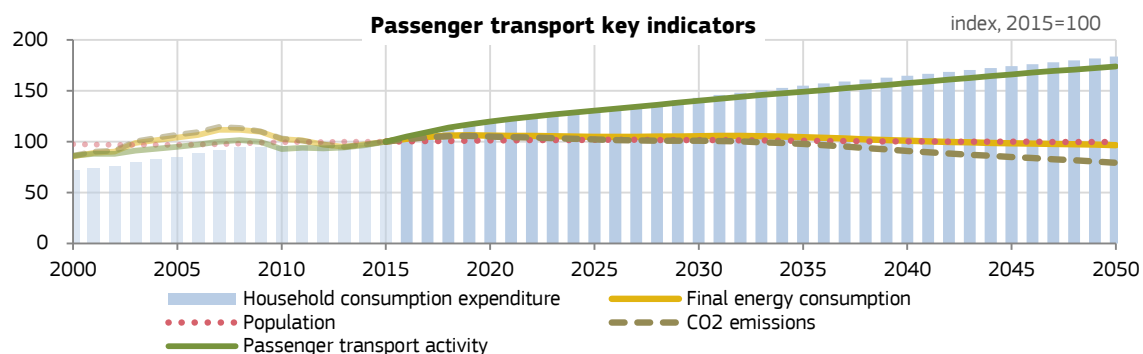
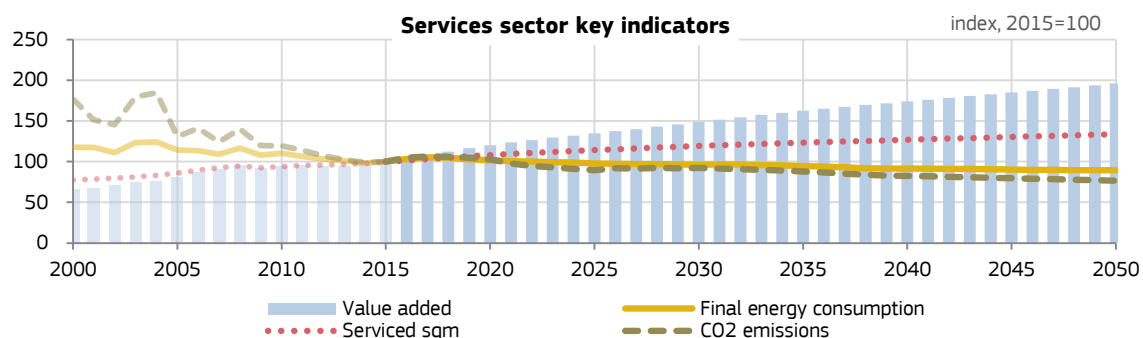
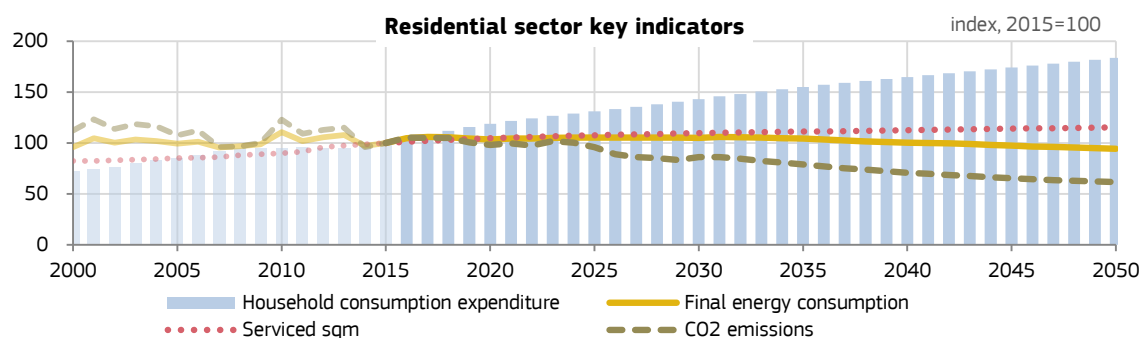
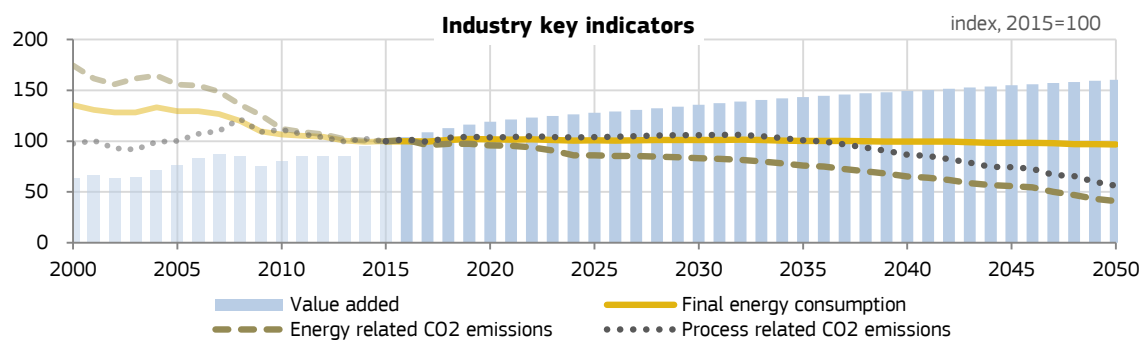


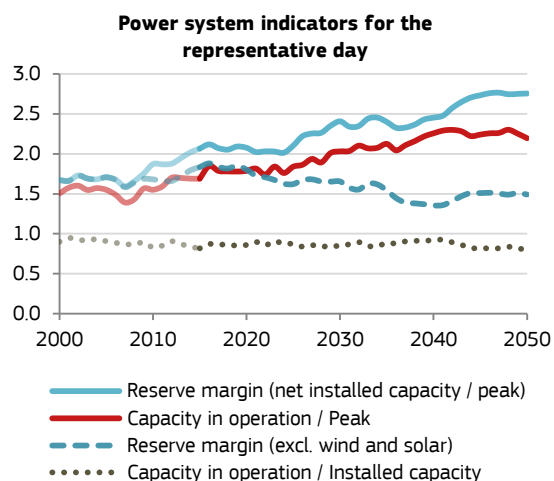
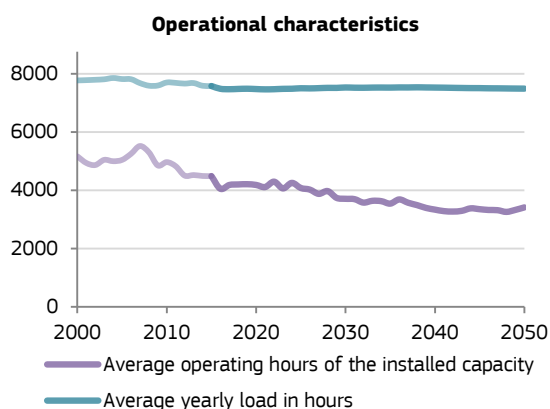
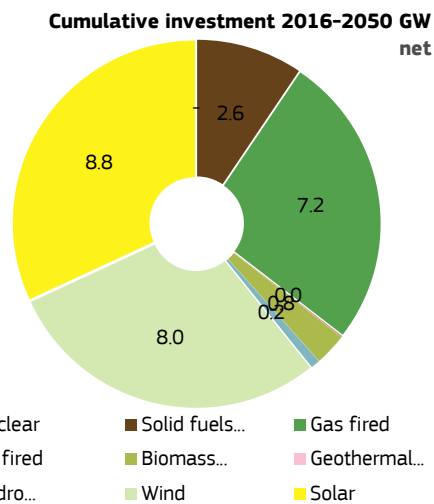
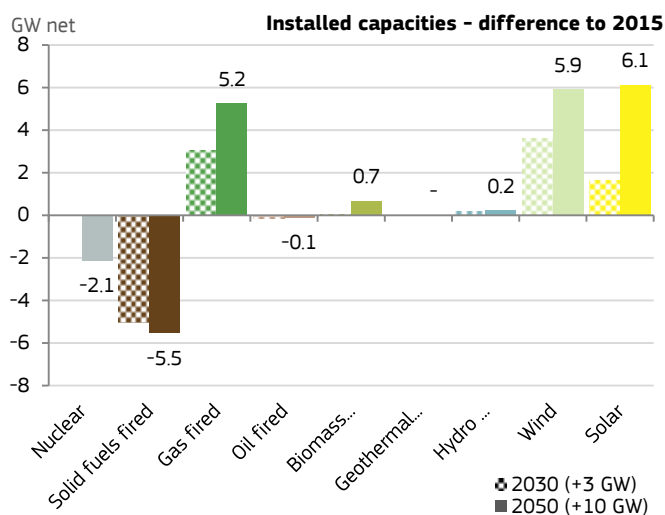
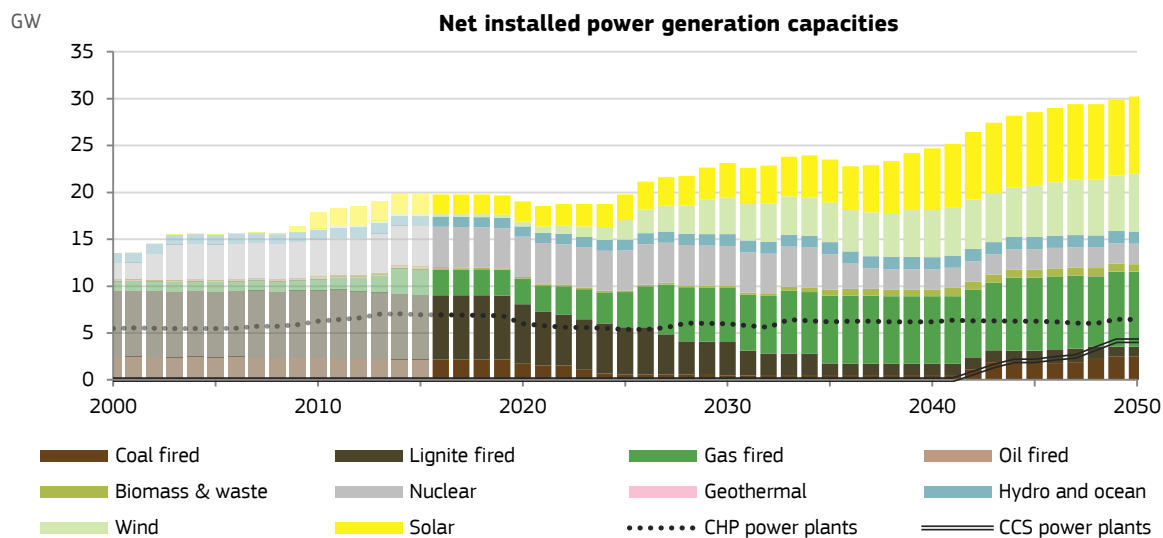
Mt CO<sub>2</sub>**CO<sub>2</sub> emissions****Indexed evolution of CO<sub>2</sub> emissions****Indexed evolution of CO<sub>2</sub> emissions in ETS and ESD sectors****Cumulative investment expenditure (2016-2050)**

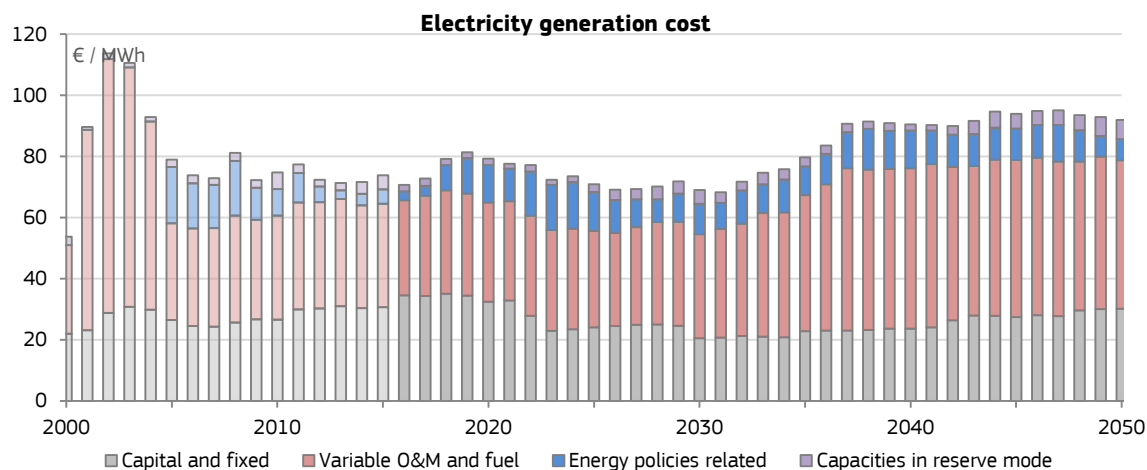
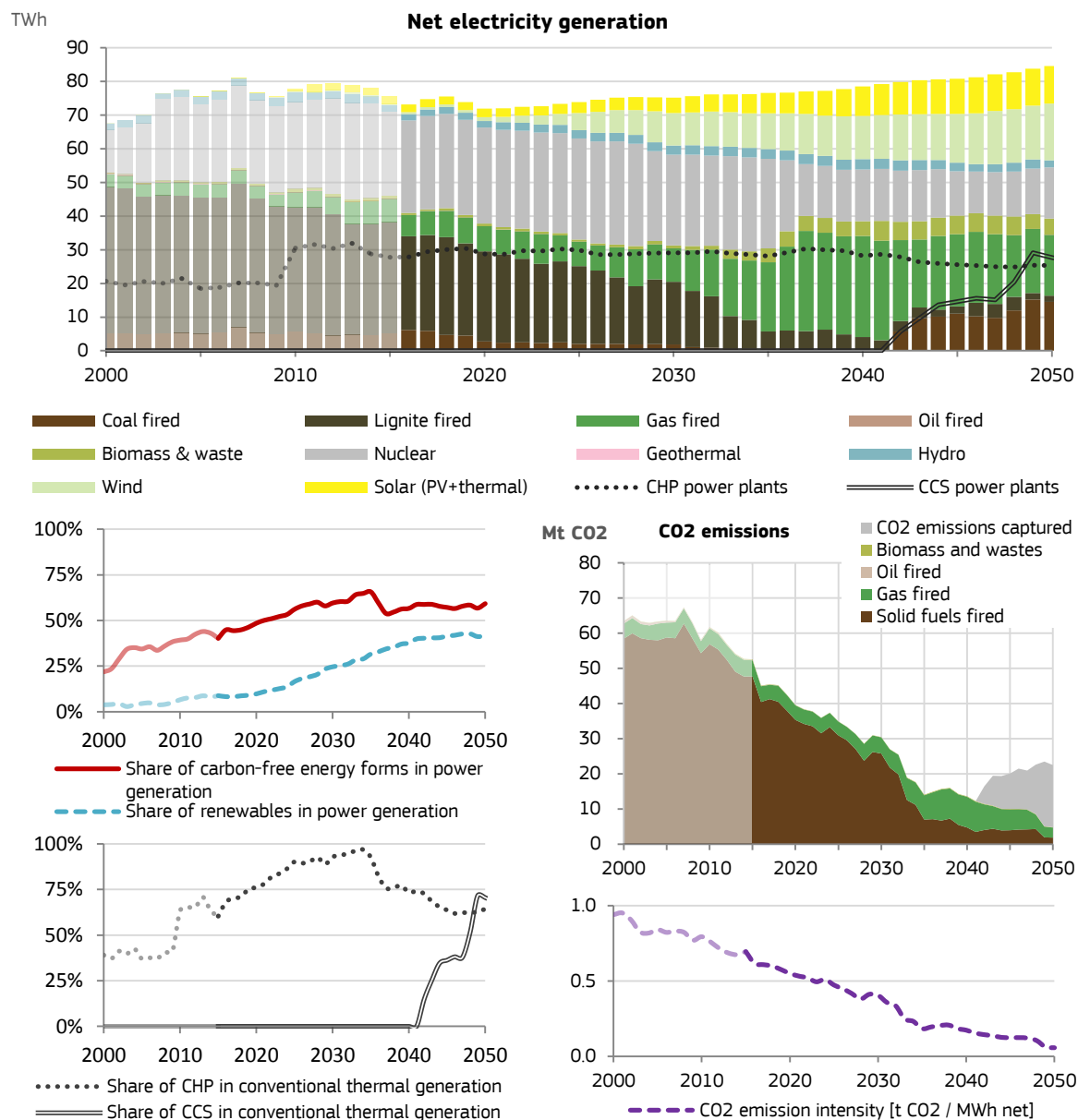
14.9% of cumulative GDP

**Energy service related operating costs as percentage of GDP****Energy service related operating costs per energy consumed**



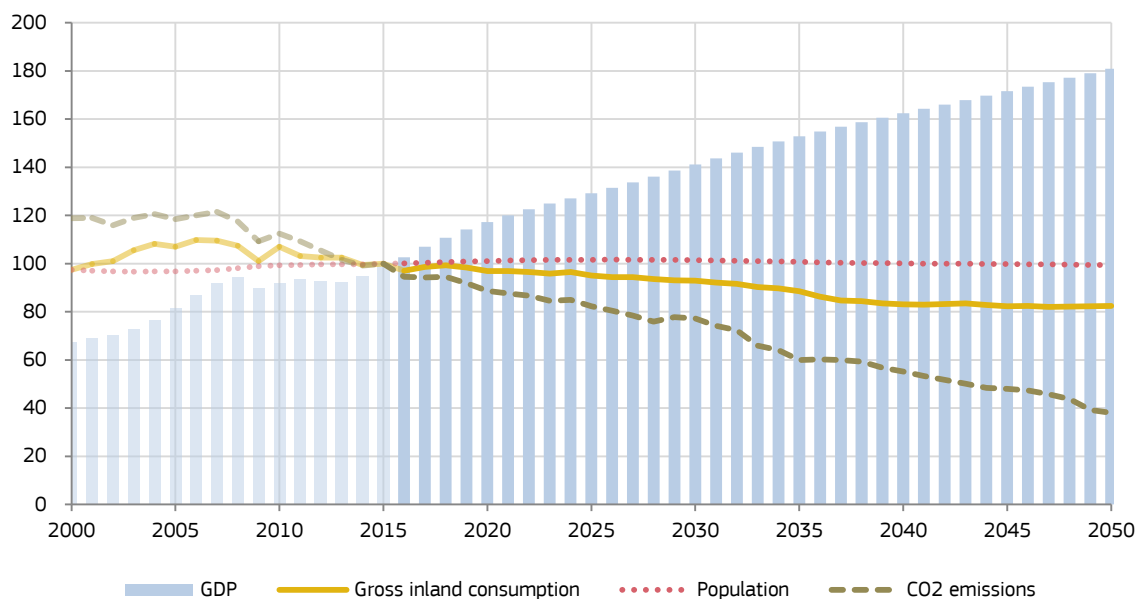






index, 2015=100

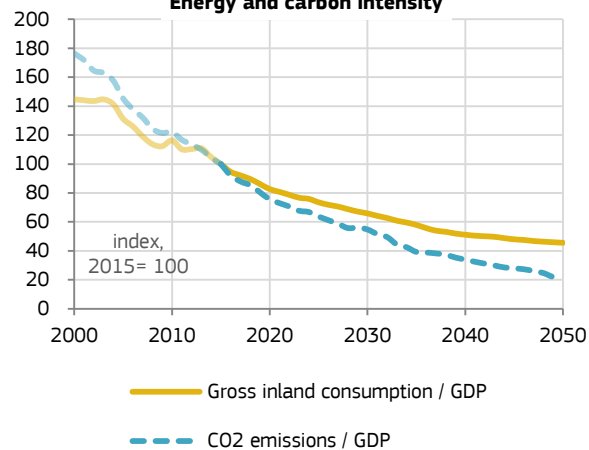
## Key indicators of the CZ energy system



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

	1990	2005	2015	2020	2030	2050
Final energy consumption [Mtoe]	32.7	26.3	24.2	25.0	25.1	23.4
Primary energy consumption [Mtoe]	48.4	42.5	39.9	38.1	36.3	31.8
RES [%] - Share of energy from renewable sources		7.3%	15.8%	16.8%	22.8%	37.8%
RES-E [%] - Share of electricity from renewable sources		3.4%	13.4%	14.2%	30.6%	51.5%
Total CO2 emissions [Mt CO2] (with intern. aviation, without LULUCF)	168.8	133.9	113.0	100.2	87.3	43.1
reduction to 1990		-21%	-33%	-41%	-48%	-74%
Emissions in current ETS sectors [(CZ) [Mt CO2]		84.9	69.2	56.2	46.8	13.5
reduction to 2005			-18%	-34%	-45%	-84%
Emissions in current ESD sectors [Mt CO2]		49.0	43.8	44.0	40.5	29.6
reduction to 2005				-11%	-10%	-17%

## Energy and carbon intensity



## Per capita indicators

