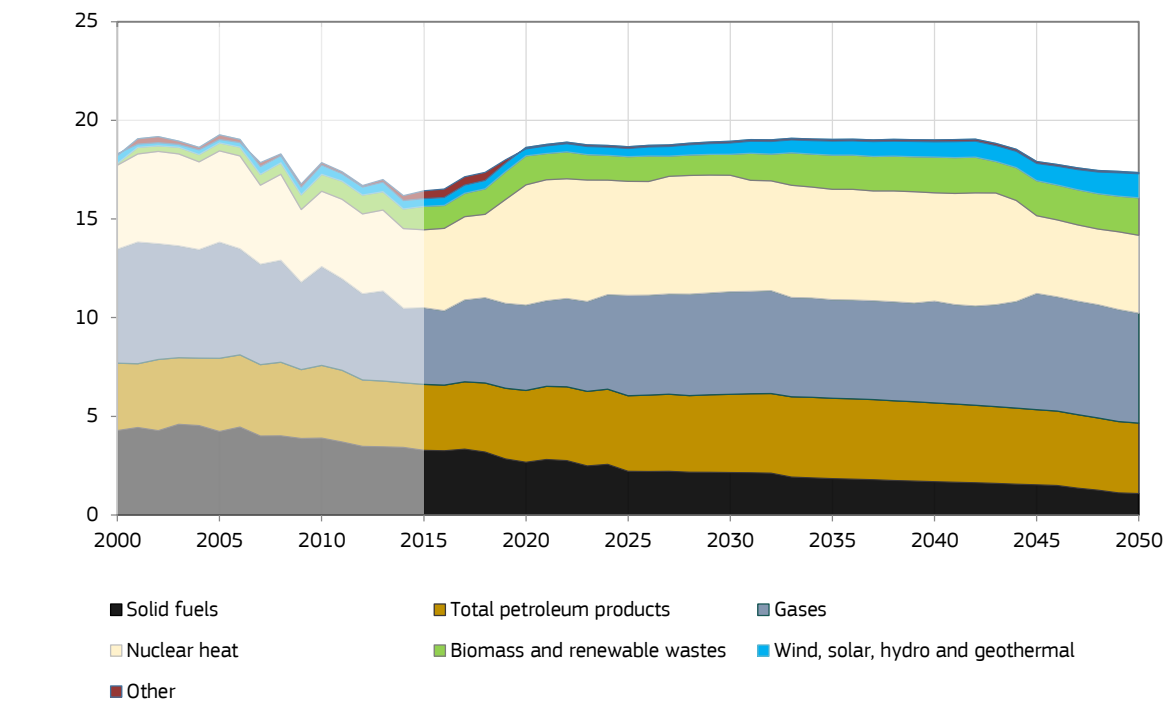

POTEnCIA - Model results overview

Slovak Republic

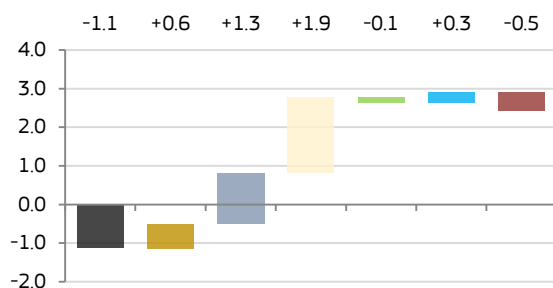
Central_2018 scenario

Mtoe

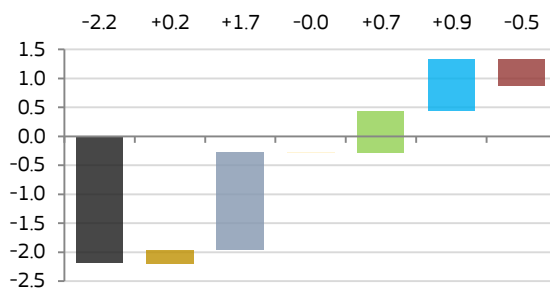
Gross inland energy consumption



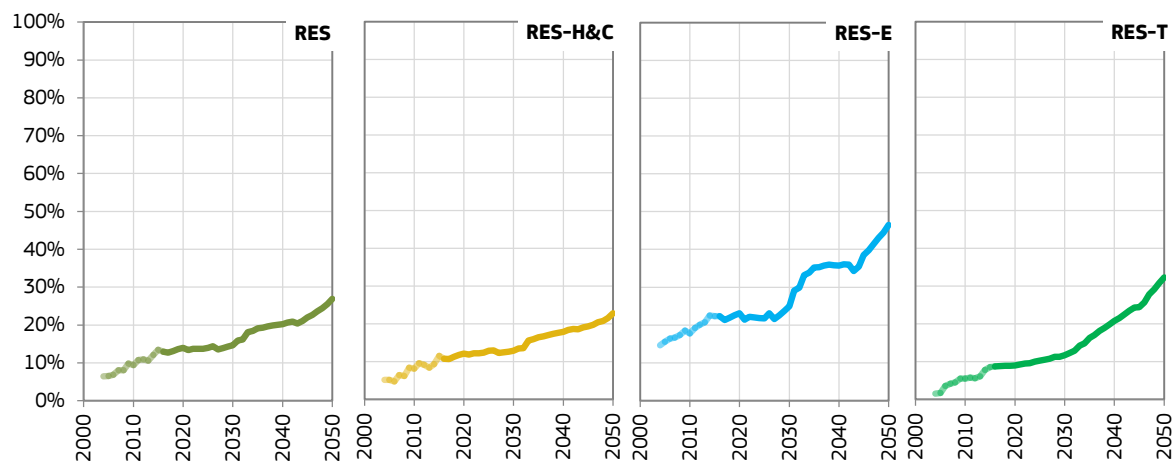
+2.4 Mtoe by 2030 from 2015 levels

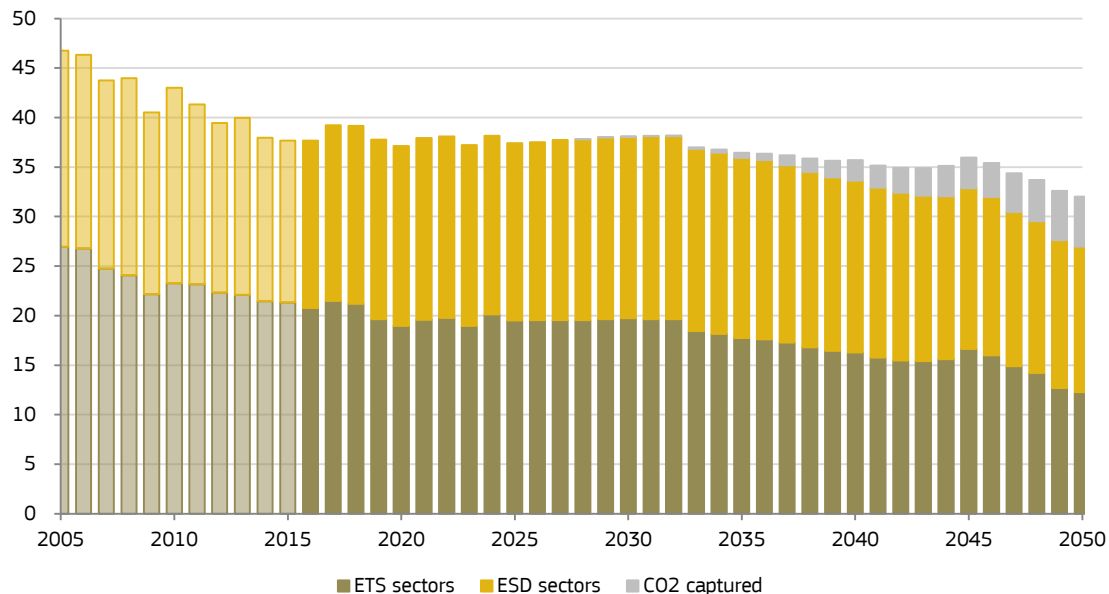
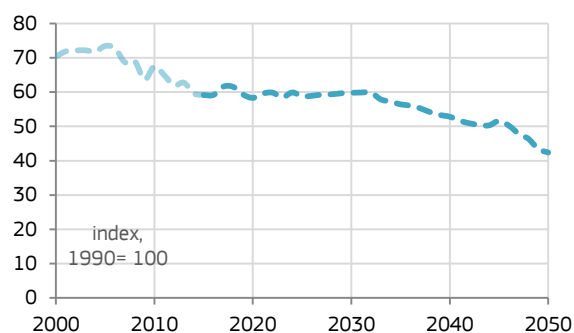
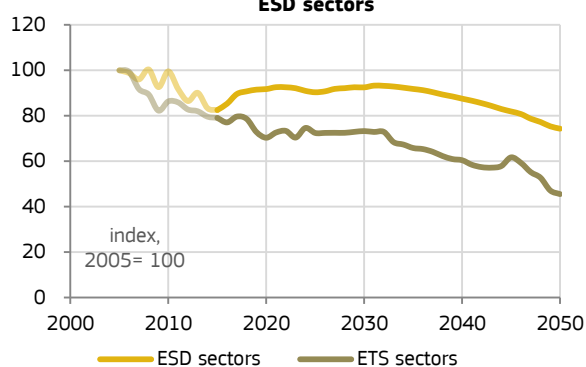


+0.9 Mtoe by 2050 from 2015 levels

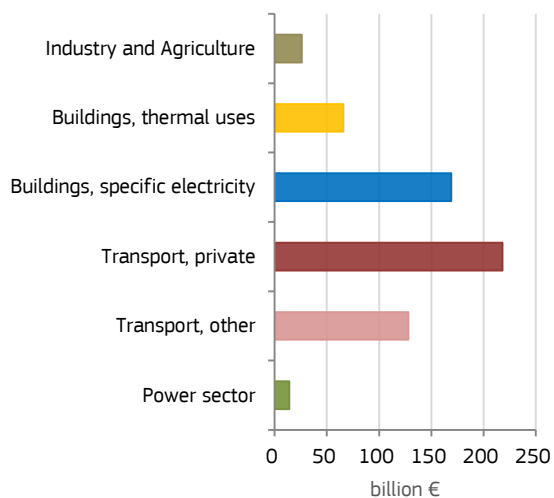
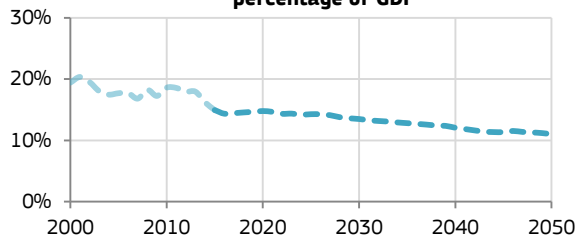
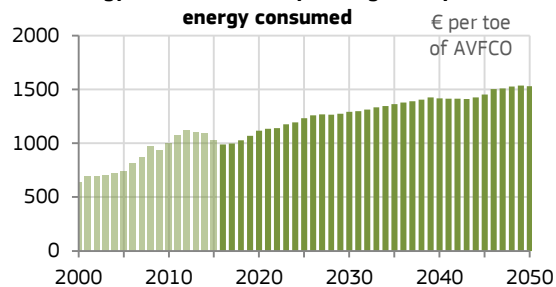


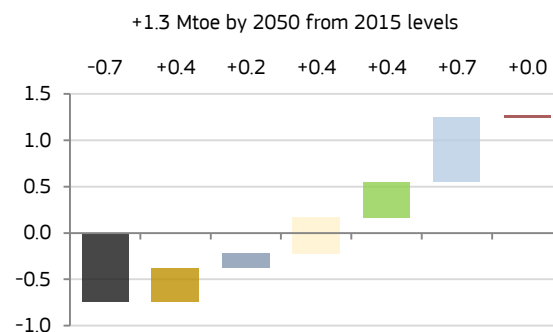
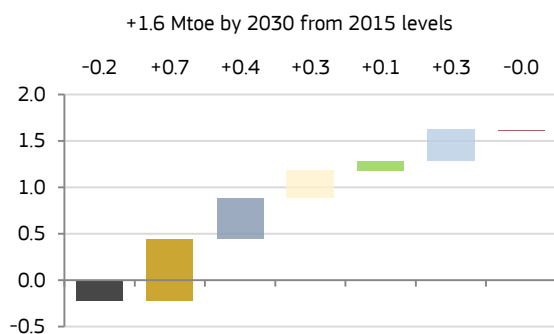
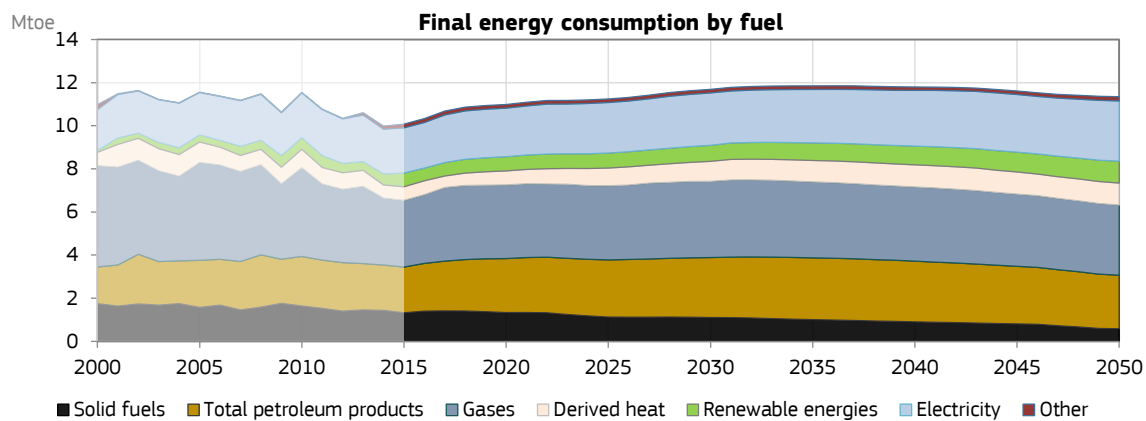
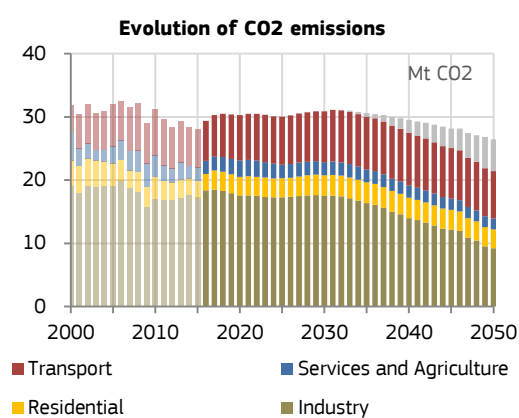
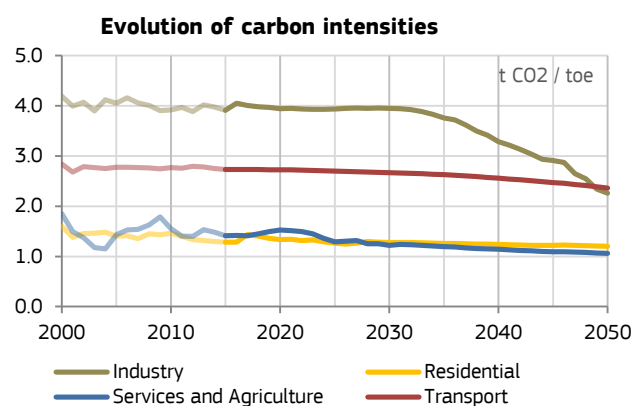
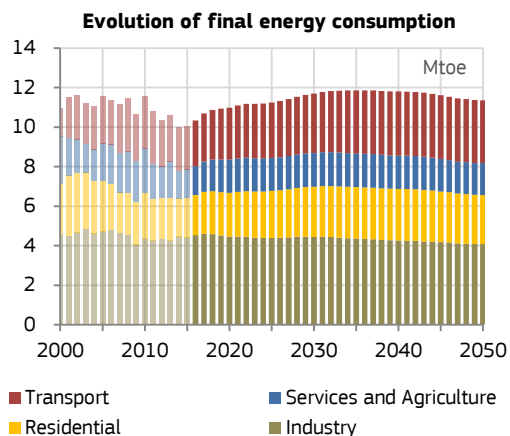
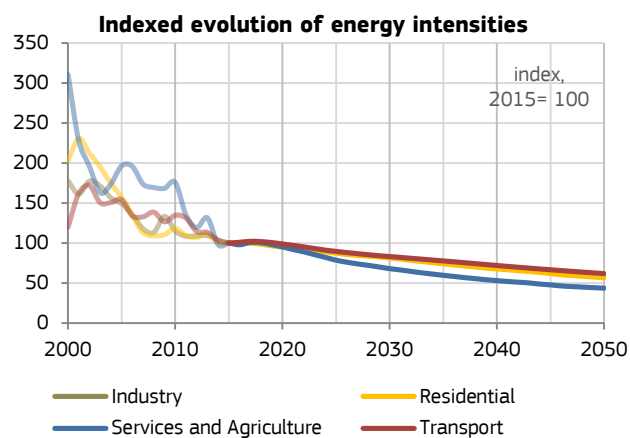
Share of renewable energies

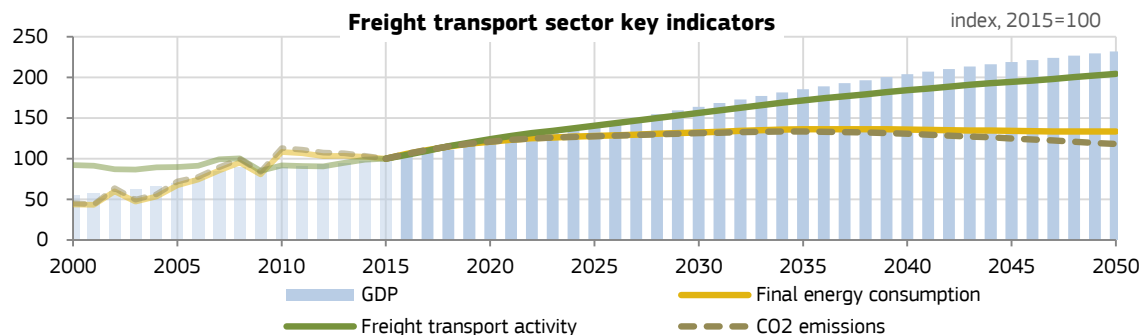
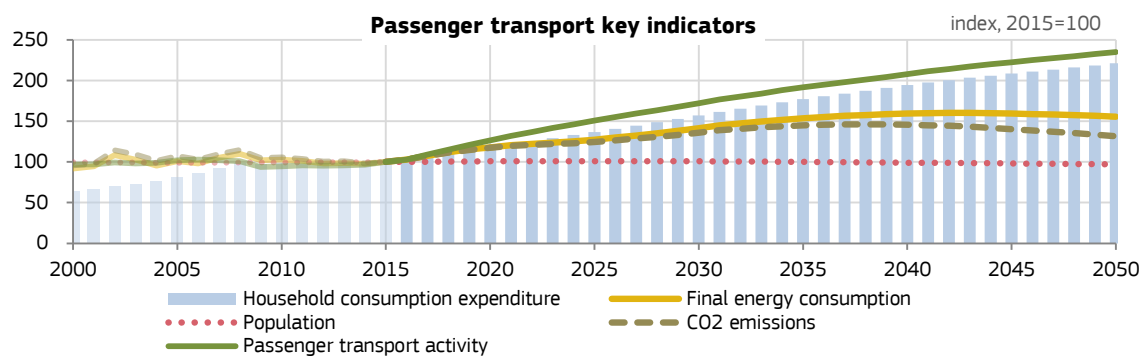
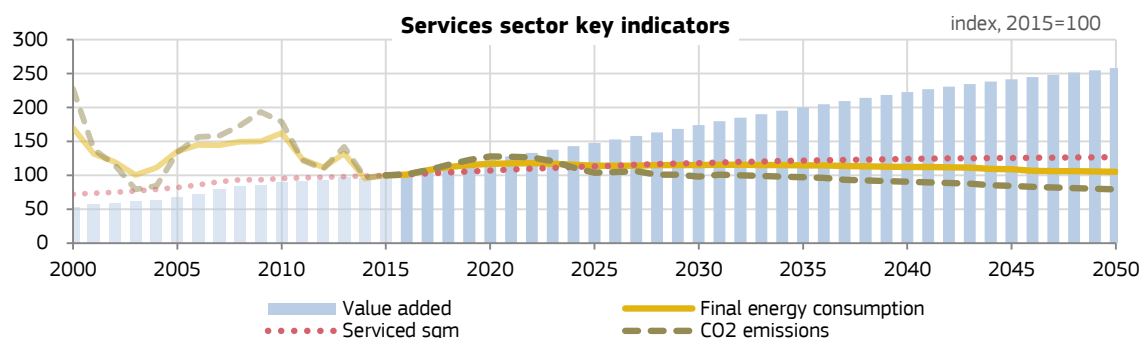
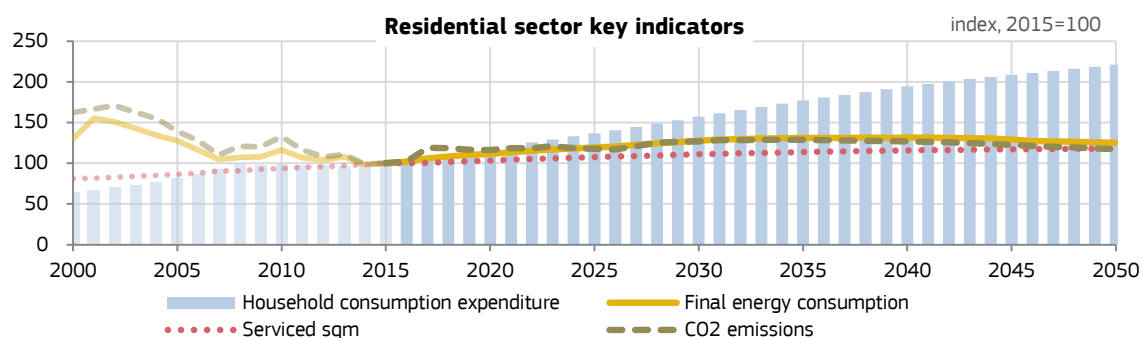
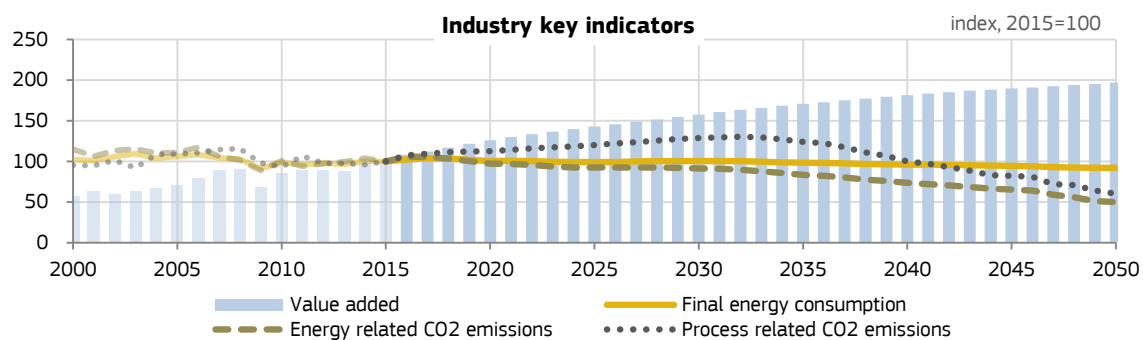


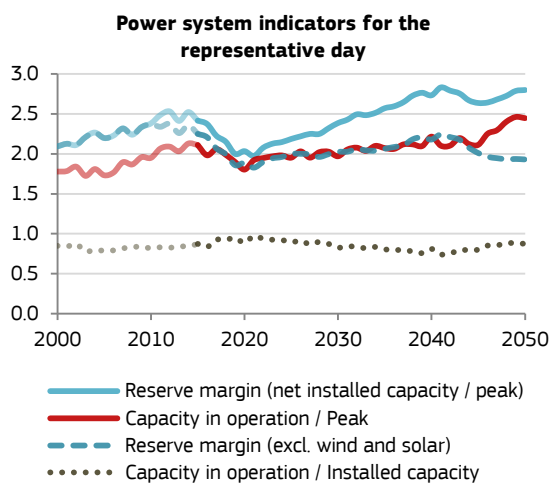
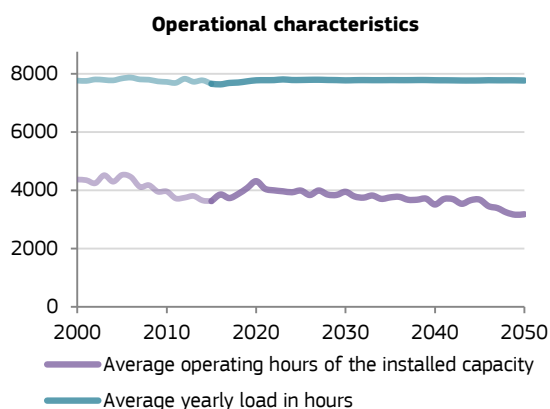
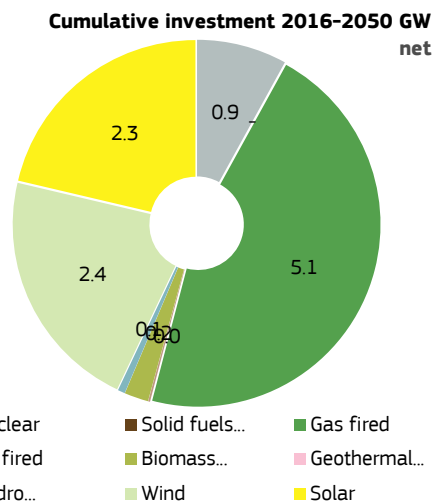
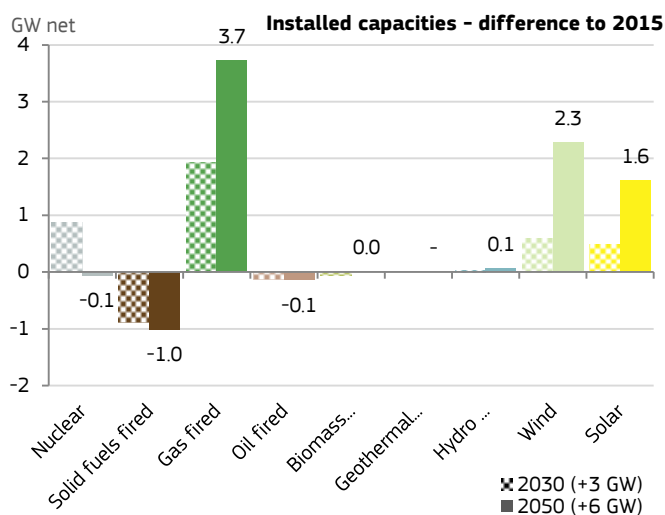
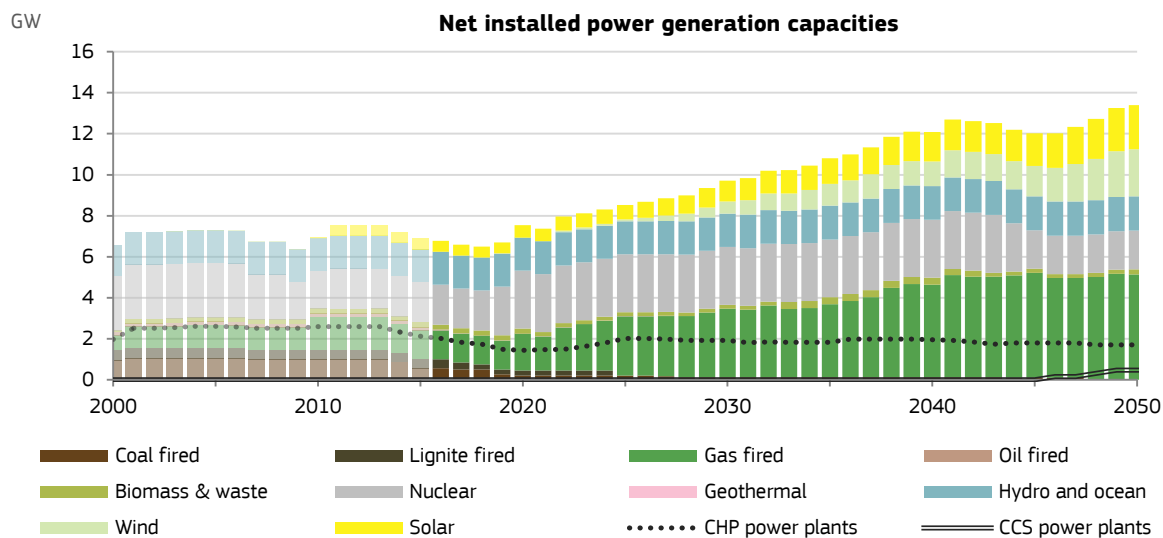
Mt CO₂**CO₂ emissions****Indexed evolution of CO₂ emissions****Indexed evolution of CO₂ emissions in ETS and ESD sectors****Cumulative investment expenditure (2016-2050)**

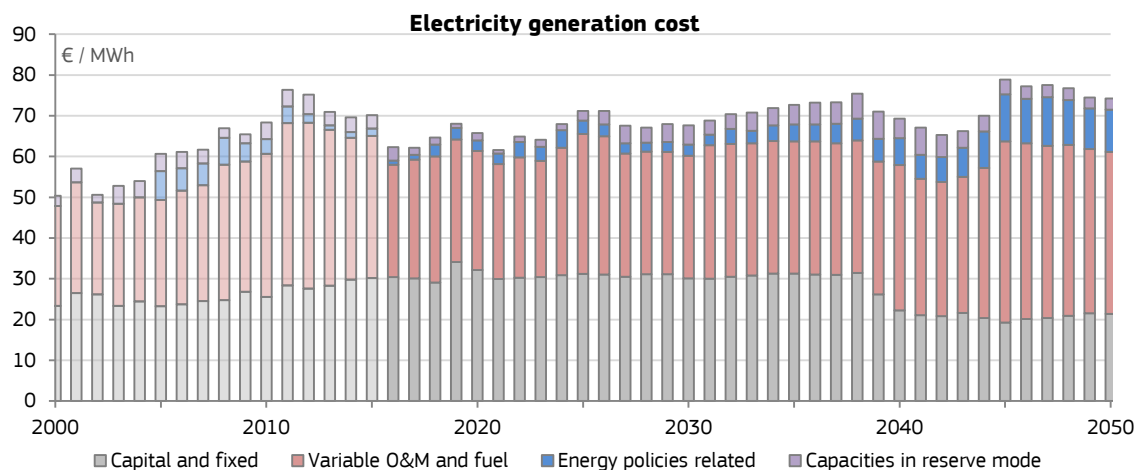
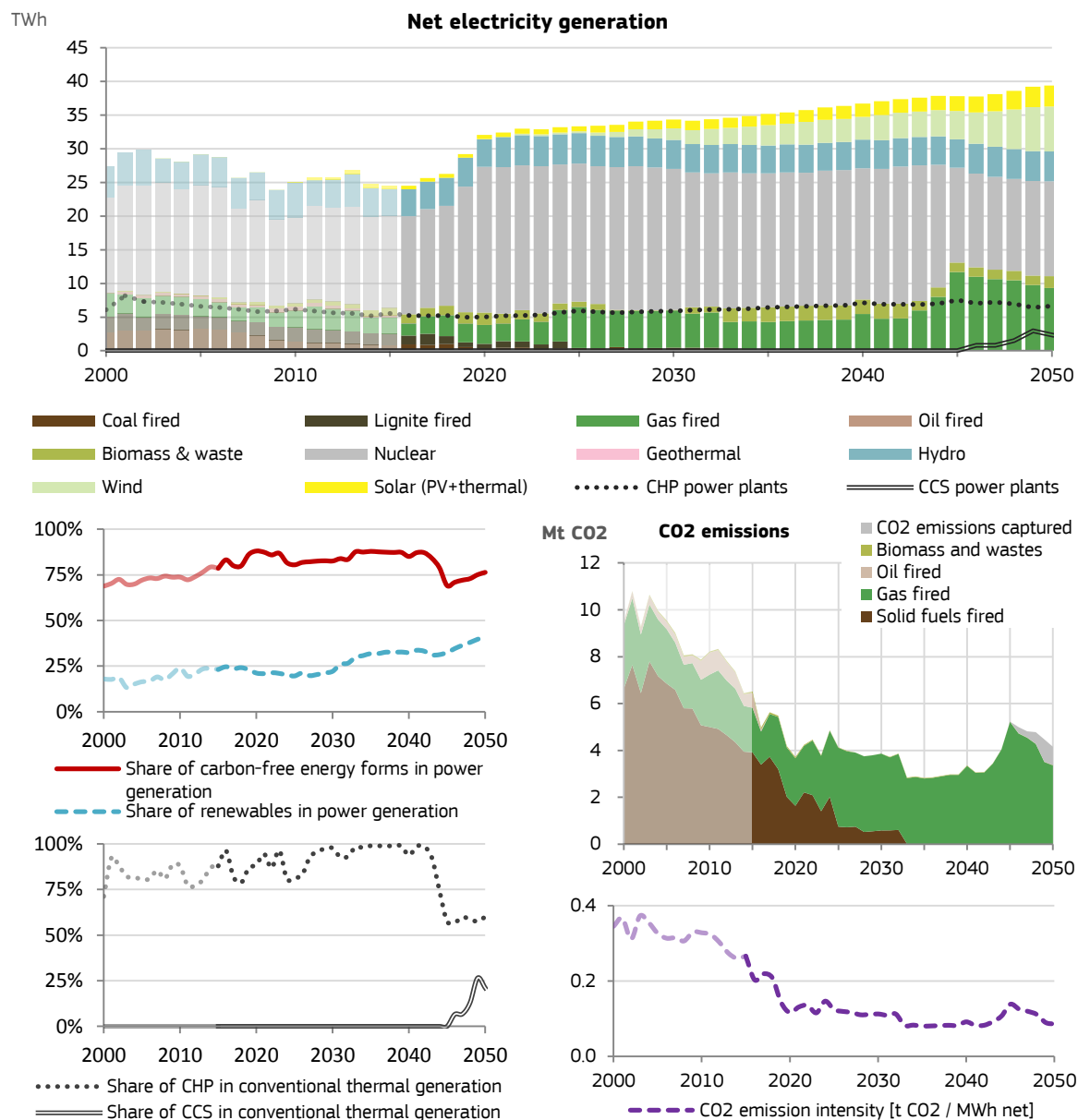
13.4% of cumulative GDP

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



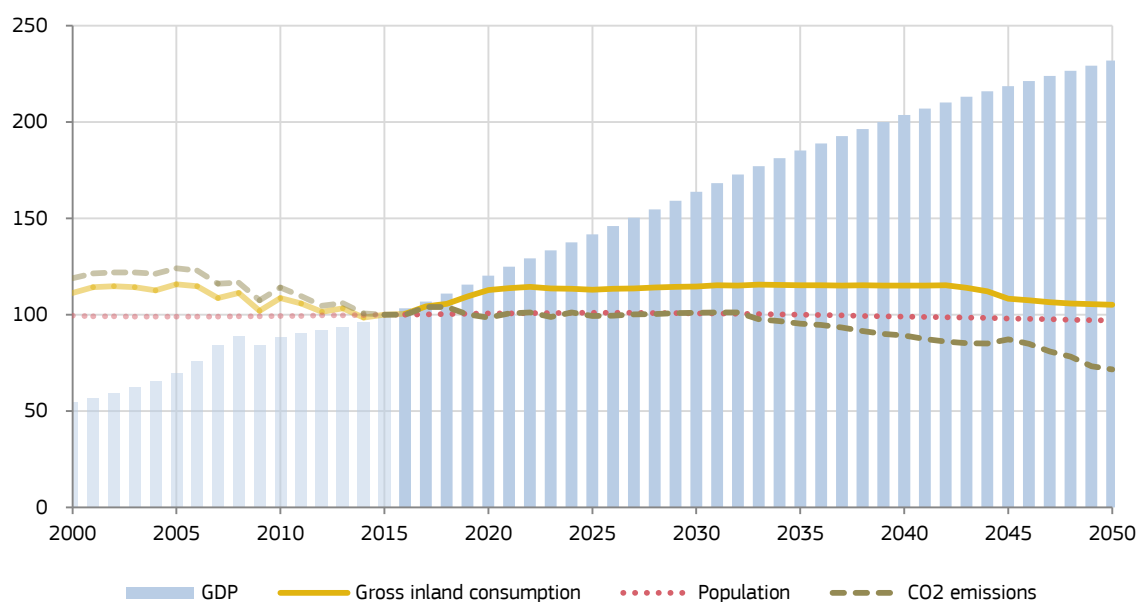






index, 2015=100

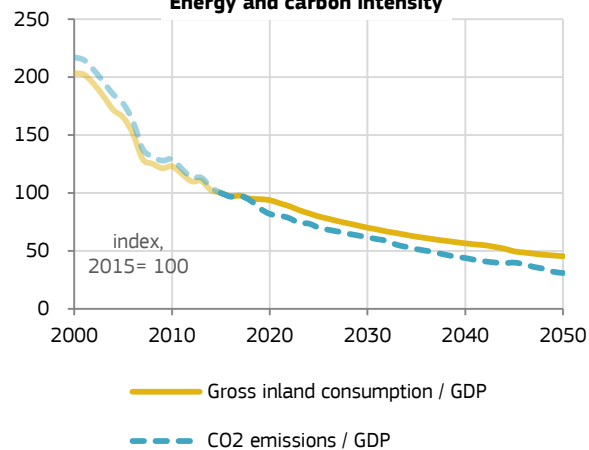
Key indicators of the SK energy system



Key figures concerning the evolution of the Central_2018 - Indicators energy system

	1990	2005	2015	2020	2030	2050
Final energy consumption [Mtoe]	15.2	11.6	10.1	11.0	11.7	11.4
Primary energy consumption [Mtoe]	20.2	17.8	15.4	17.3	17.5	15.9
RES [%] - Share of energy from renewable sources		6.5%	13.5%	13.9%	14.7%	26.9%
RES-E [%] - Share of electricity from renewable sources		15.5%	22.3%	23.1%	25.0%	46.5%
Total CO2 emissions [Mt CO2] (with intern. aviation, without LULUCF)	63.7	46.8	37.7	37.1	38.1	27.0
reduction to 1990		-27%	-41%	-42%	-40%	-58%
Emissions in current ETS sectors [(SK) [Mt CO2]		27.0	21.3	19.0	19.7	12.3
reduction to 2005			-21%	-30%	-27%	-54%
Emissions in current ESD sectors [Mt CO2]		19.8	16.4	18.2	18.3	14.7
reduction to 2005			-17%	-8%	-8%	-26%

Energy and carbon intensity



Per capita indicators

