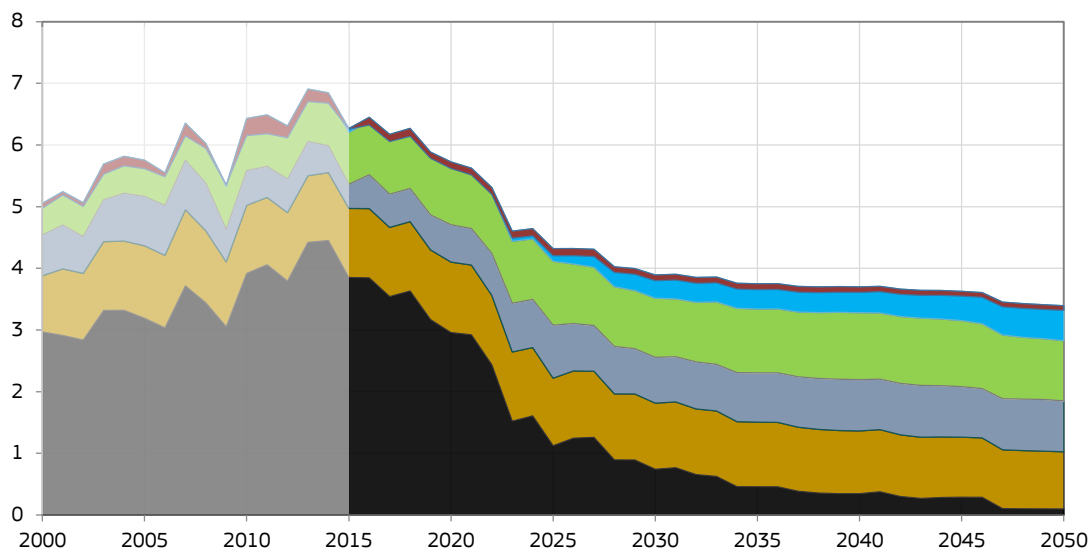

POTEnCIA - Model results overview

Estonia

Central_2018 scenario

Mtoe

Gross inland energy consumption



Solid fuels

Total petroleum products

Gases

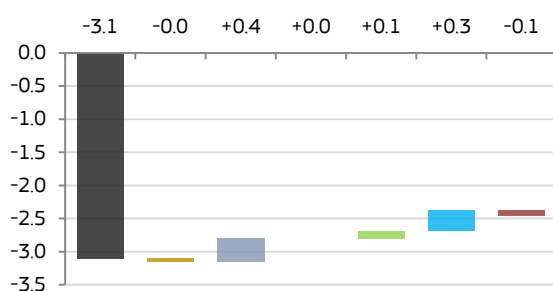
Nuclear heat

Biomass and renewable wastes

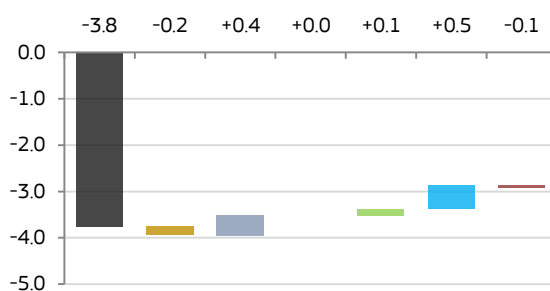
Wind, solar, hydro and geothermal

Other

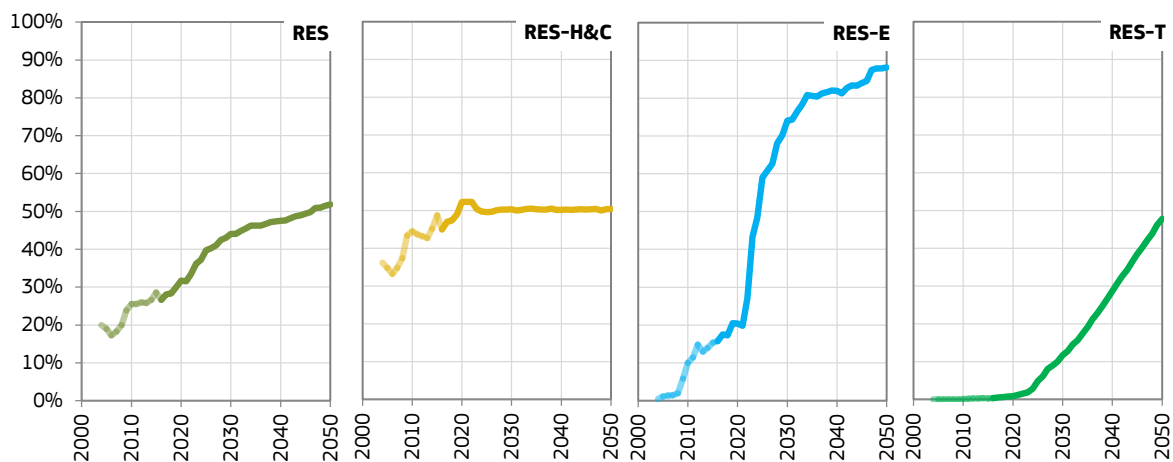
-2.5 Mtoe by 2030 from 2015 levels

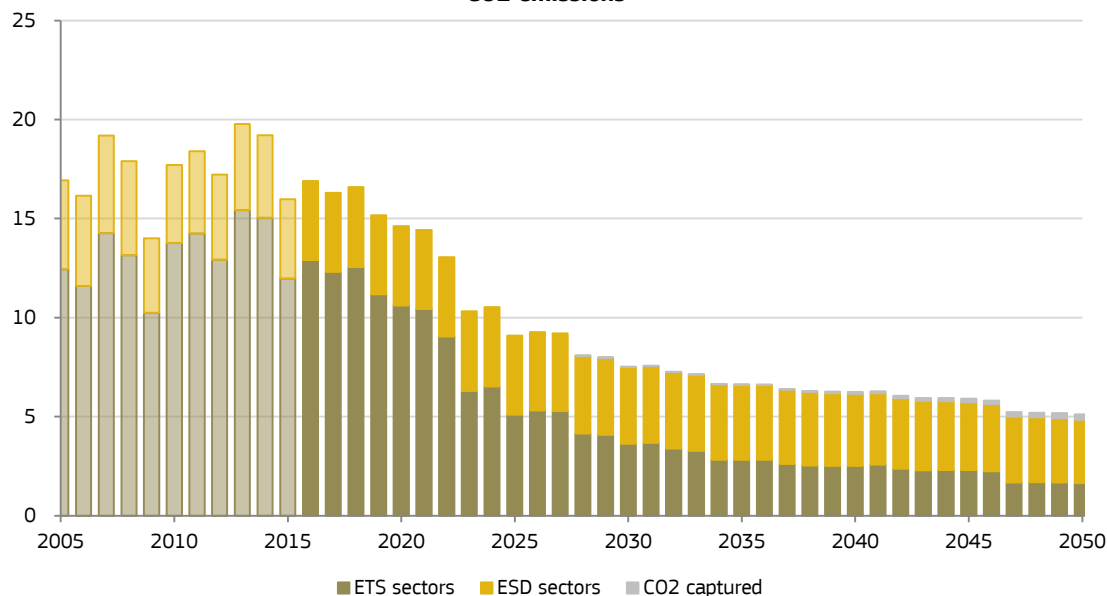
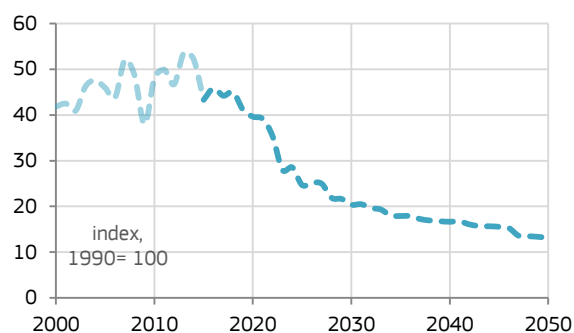
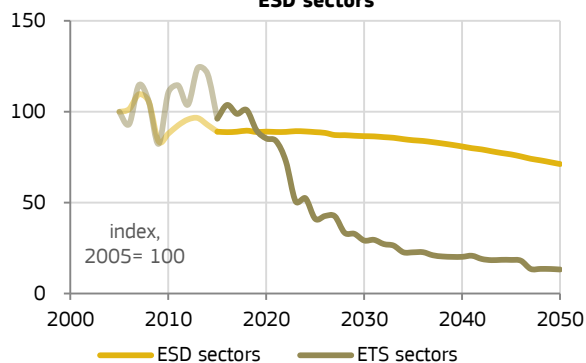


-2.9 Mtoe by 2050 from 2015 levels

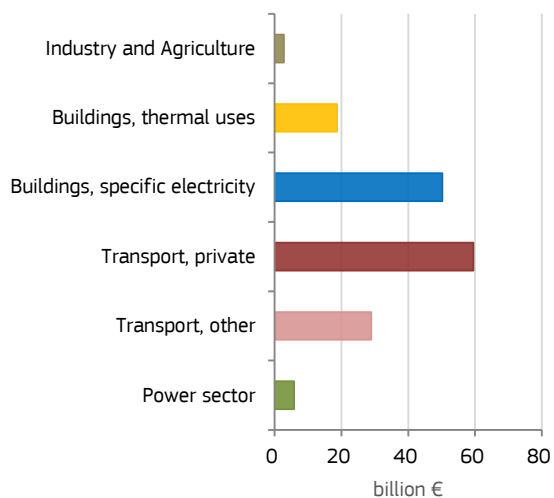
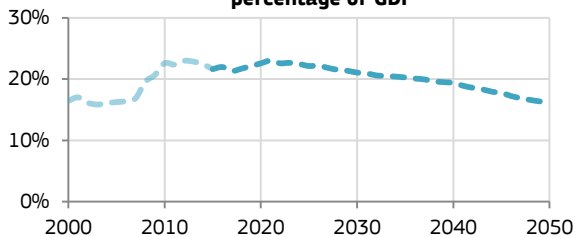
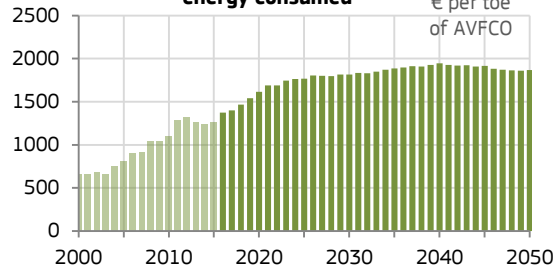


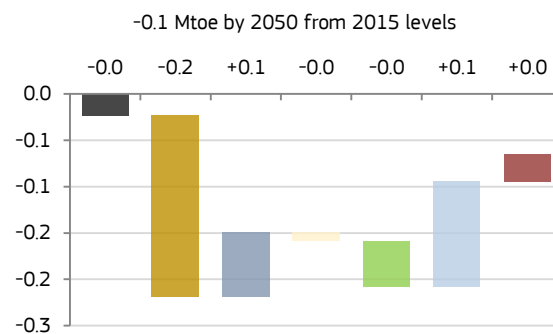
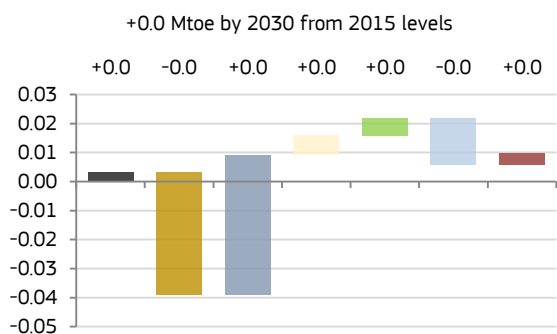
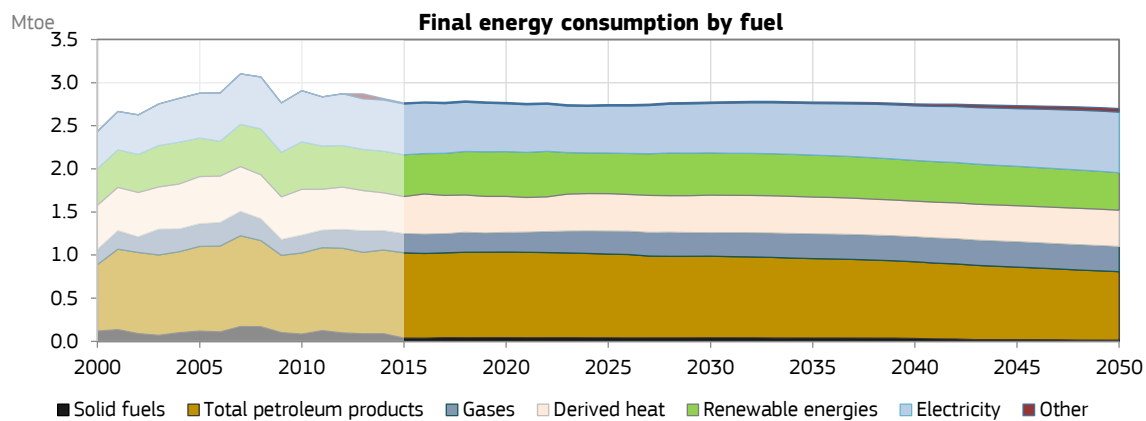
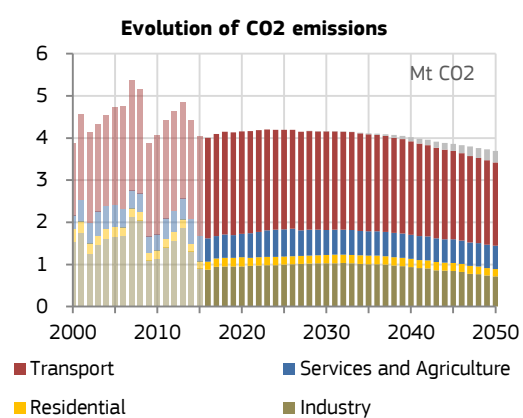
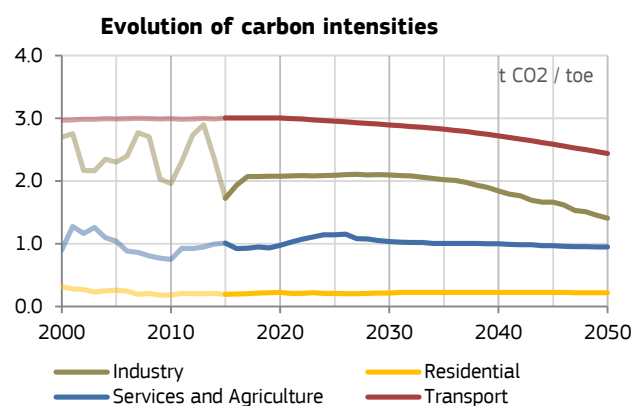
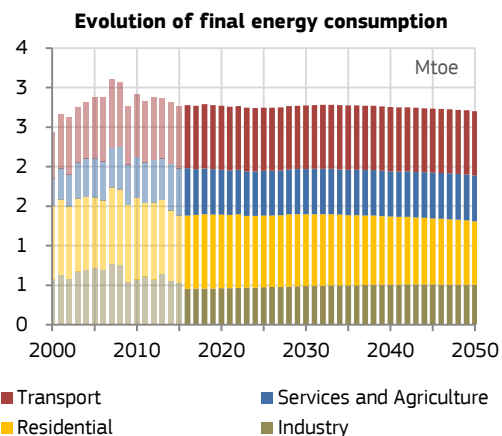
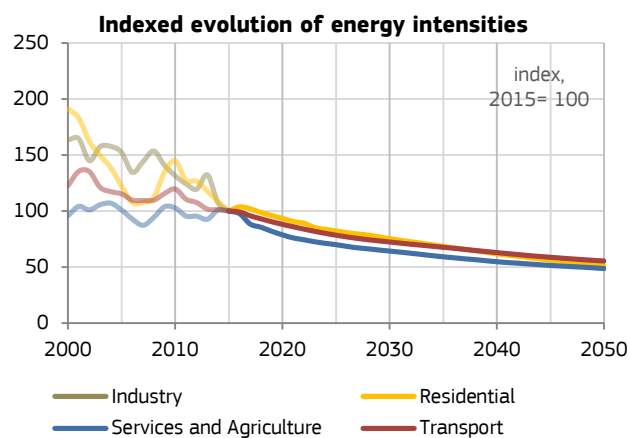
Share of renewable energies

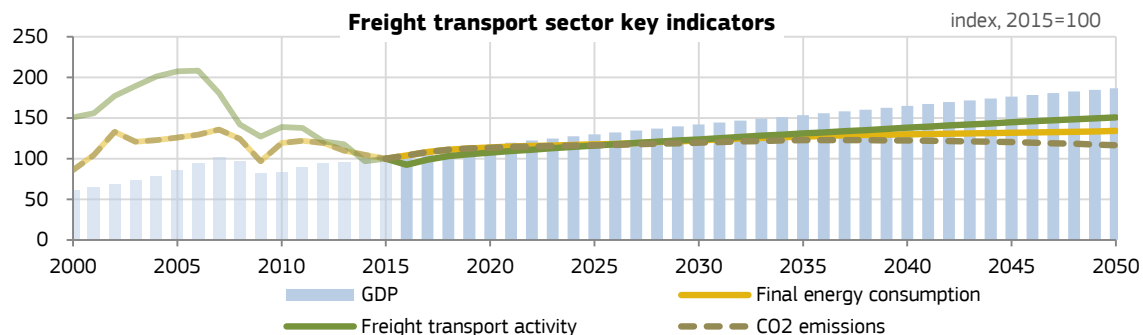
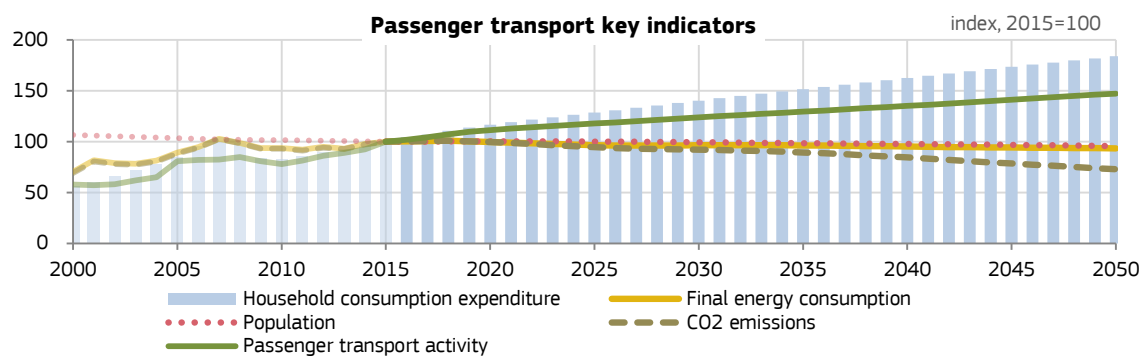
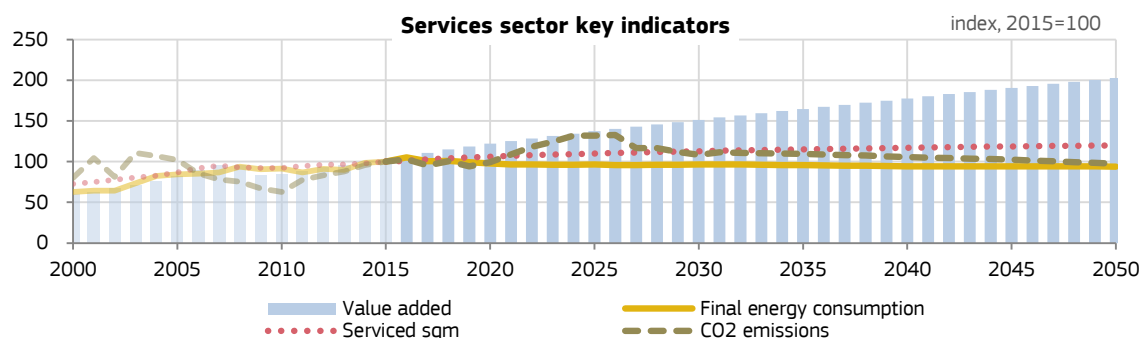
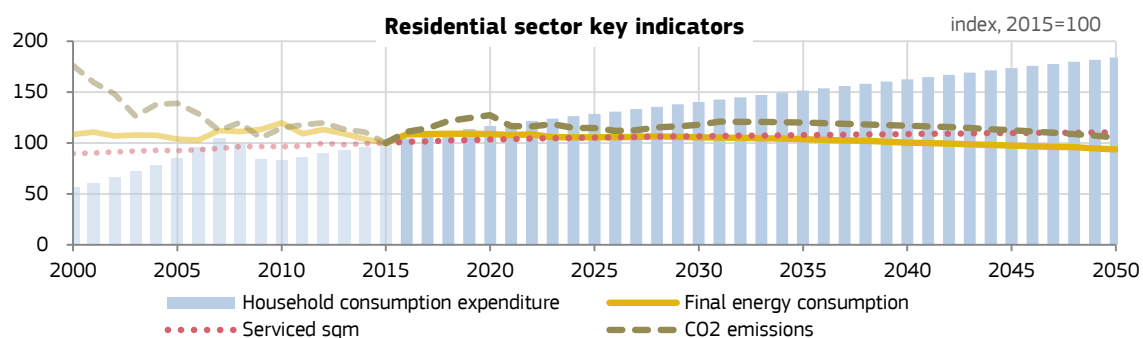
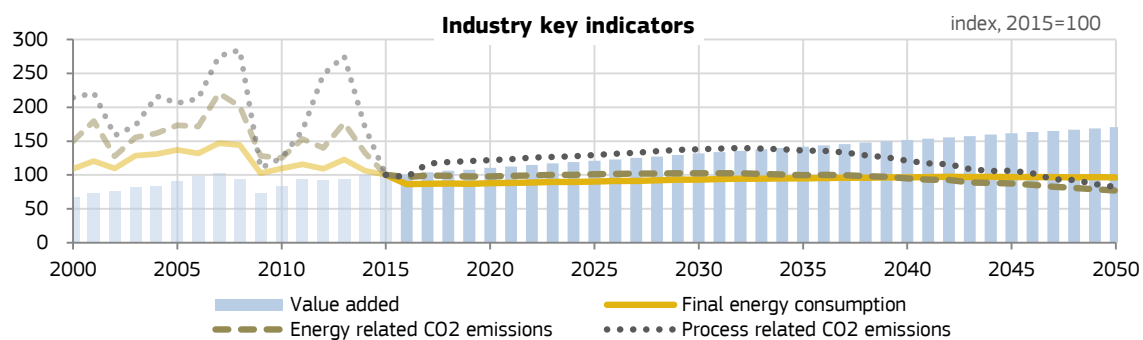


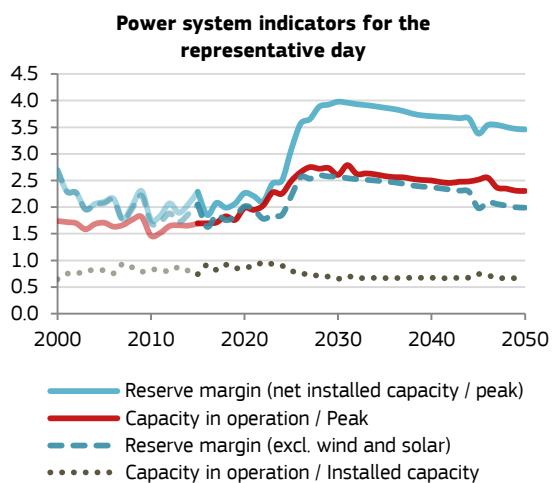
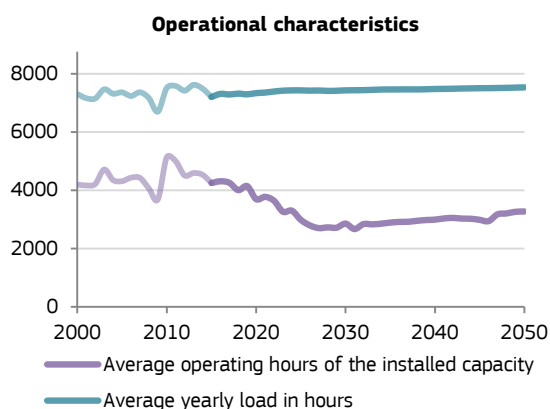
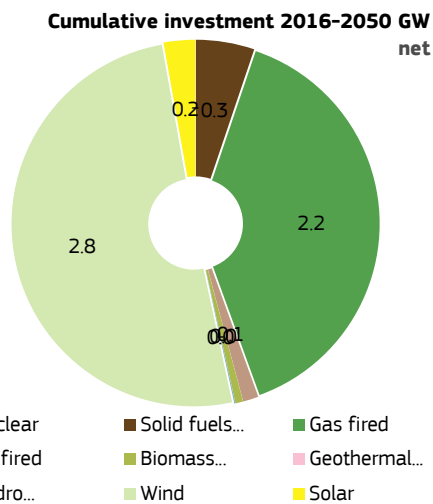
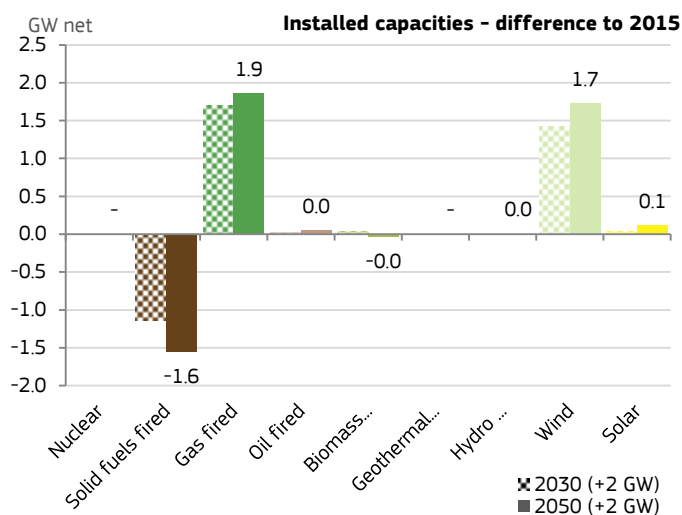
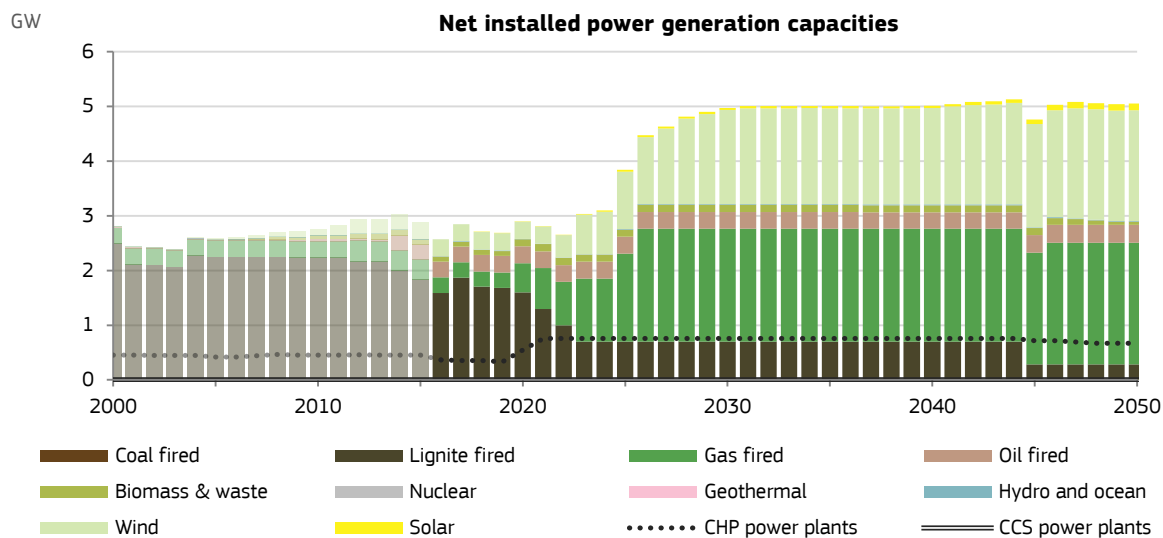
Mt CO₂**CO₂ emissions****Indexed evolution of CO₂ emissions****Indexed evolution of CO₂ emissions in ETS and ESD sectors****Cumulative investment expenditure (2016-2050)**

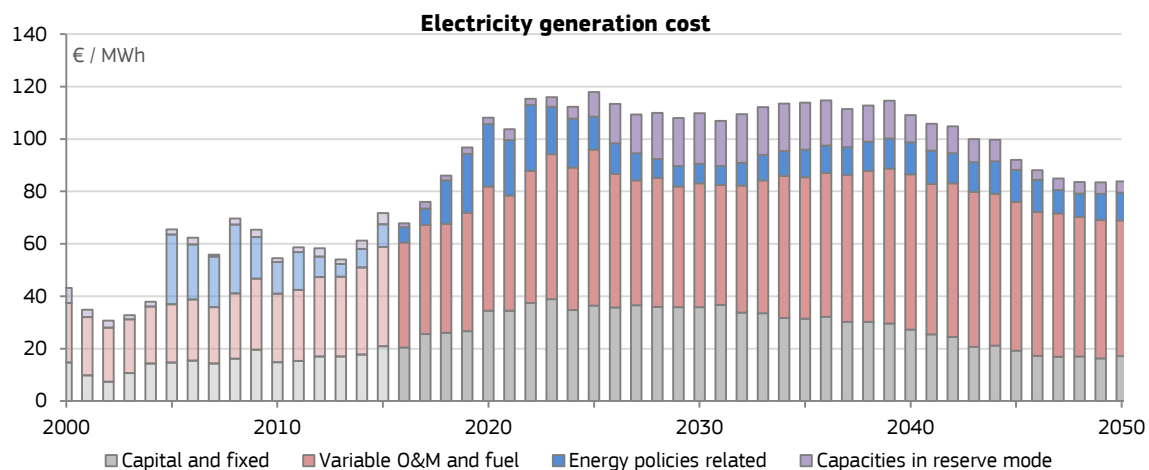
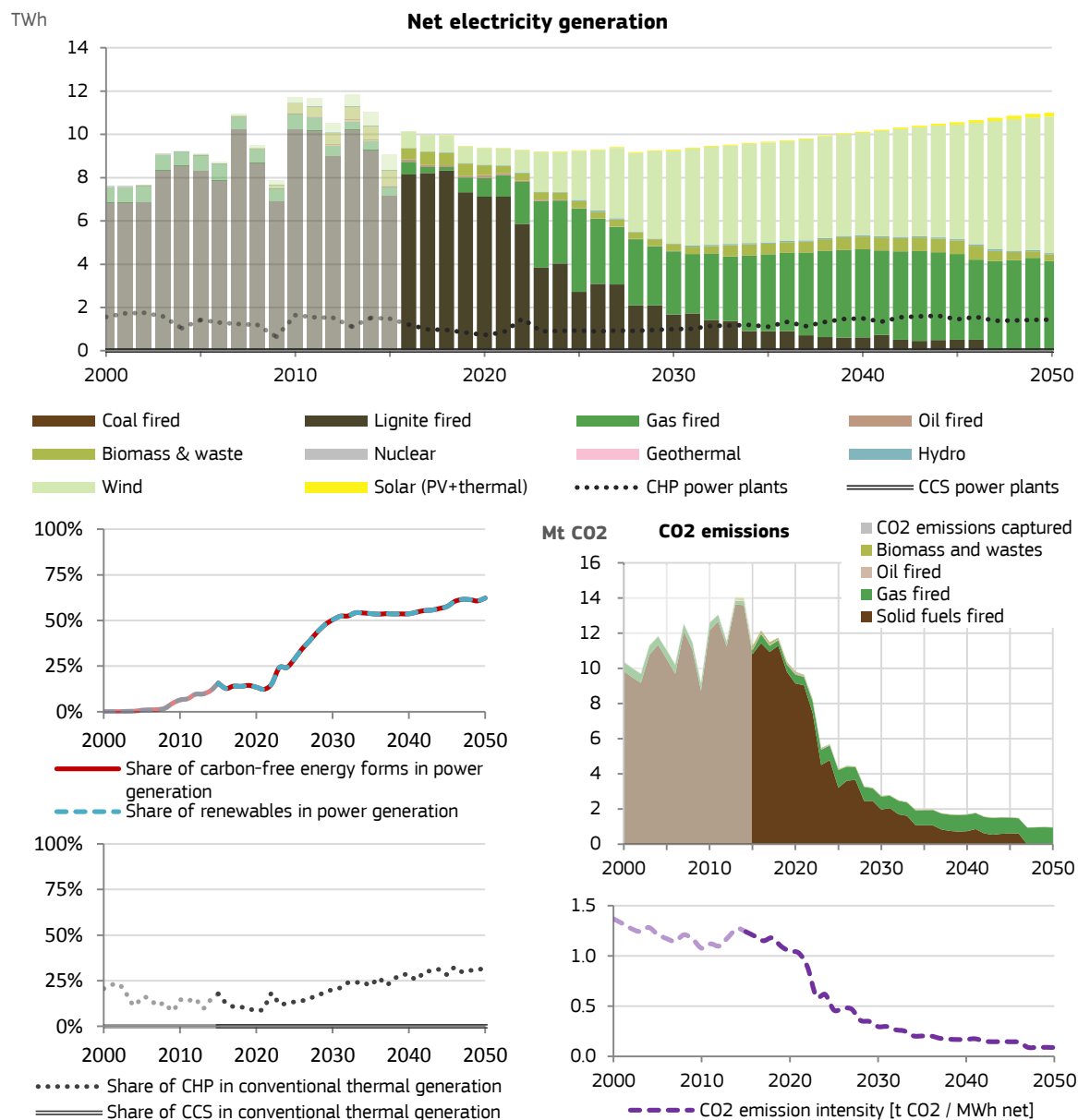
18.2% of cumulative GDP

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



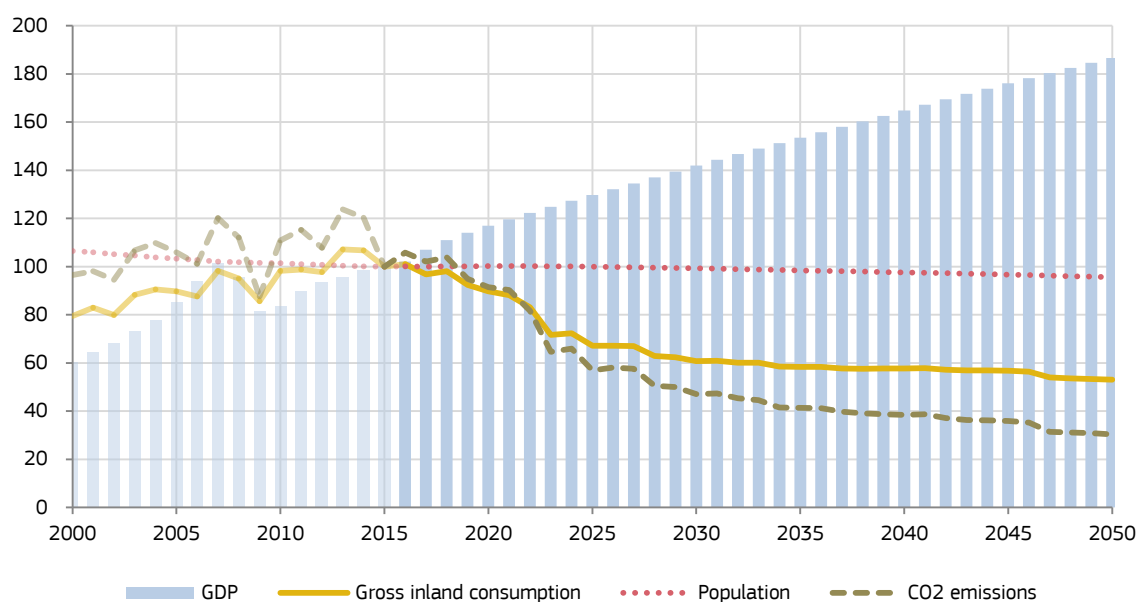






index, 2015=100

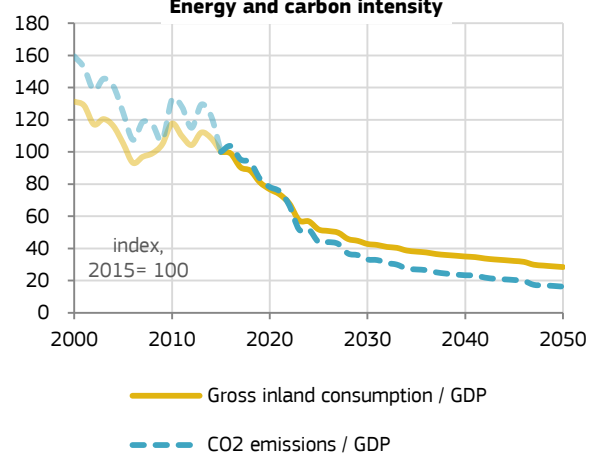
Key indicators of the EE energy system



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

	1990	2005	2015	2020	2030	2050
Final energy consumption [Mtoe]	5.7	2.9	2.8	2.8	2.8	2.7
Primary energy consumption [Mtoe]	9.7	5.4	6.2	5.5	3.7	3.2
RES [%] - Share of energy from renewable sources		18.9%	28.5%	31.7%	44.1%	51.8%
RES-E [%] - Share of electricity from renewable sources		1.1%	15.3%	20.4%	74.1%	88.1%
Total CO2 emissions [Mt CO2] (with intern. aviation, without LULUCF)	36.9	16.9	16.0	14.6	7.5	4.8
reduction to 1990		-54%	-57%	-60%	-80%	-87%
Emissions in current ETS sectors [(EE) [Mt CO2]		12.4	12.0	10.6	3.6	1.6
reduction to 2005			-4%	-15%	-71%	-87%
Emissions in current ESD sectors [Mt CO2]		4.5	4.0	4.0	3.9	3.2
reduction to 2005				-11%	-11%	-29%

Energy and carbon intensity



Per capita indicators

