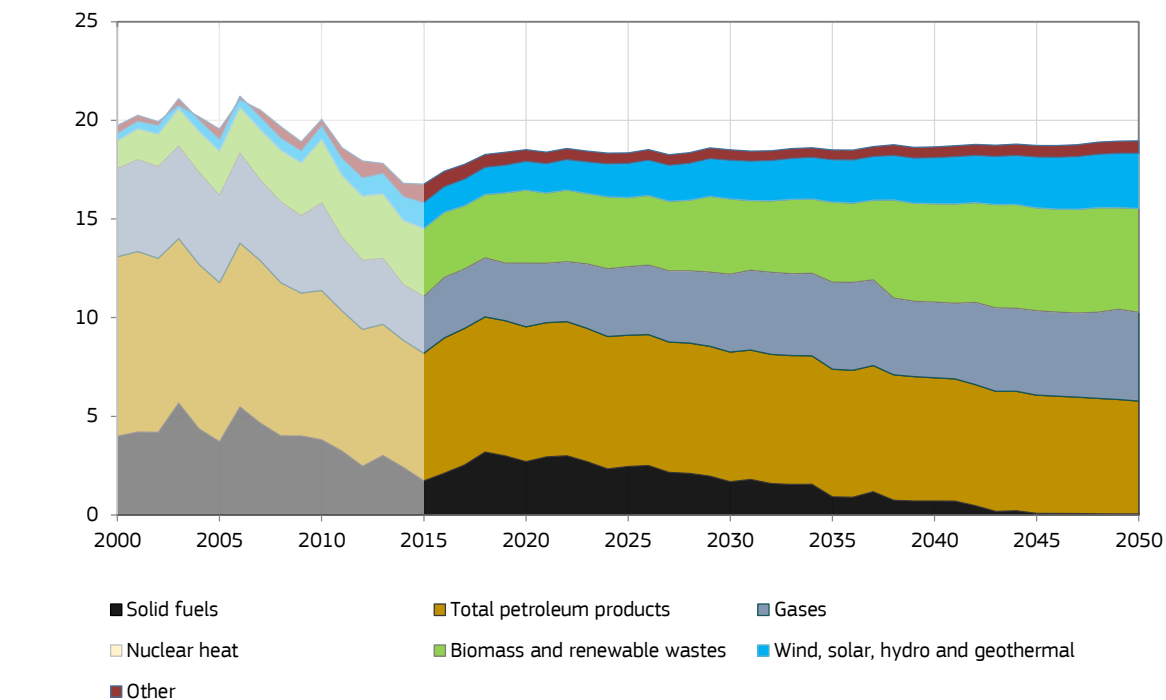

POTEnCIA - Model results overview

Denmark

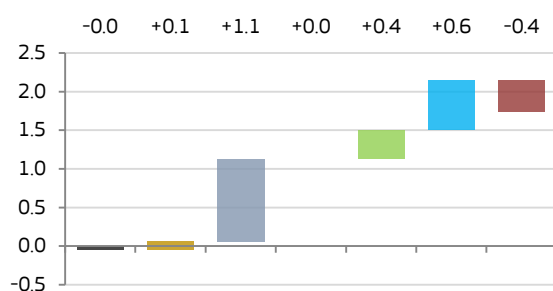
Central_2018 scenario

Mtoe

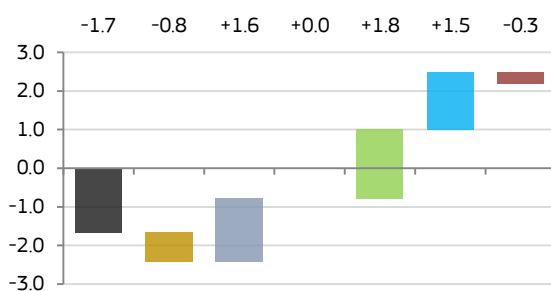
Gross inland energy consumption



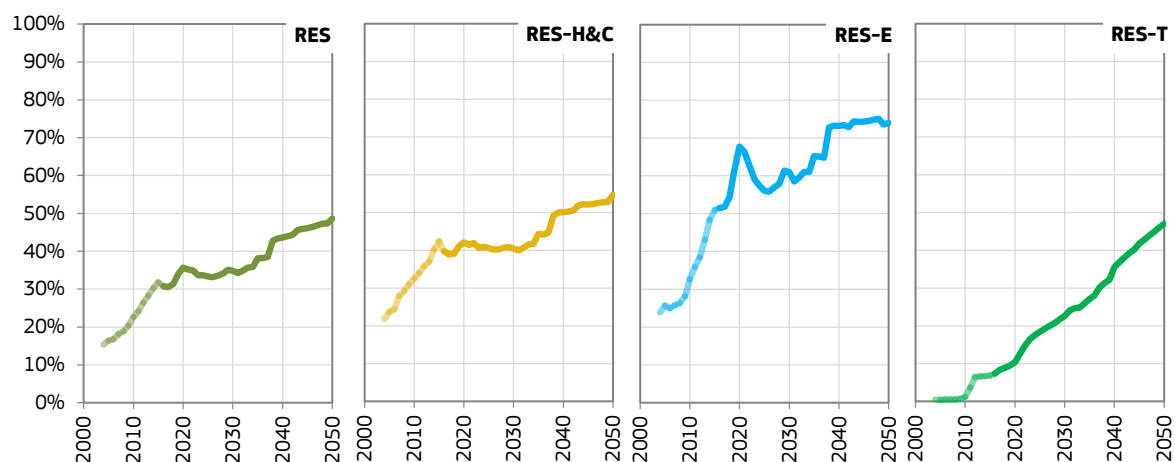
+1.7 Mtoe by 2030 from 2015 levels

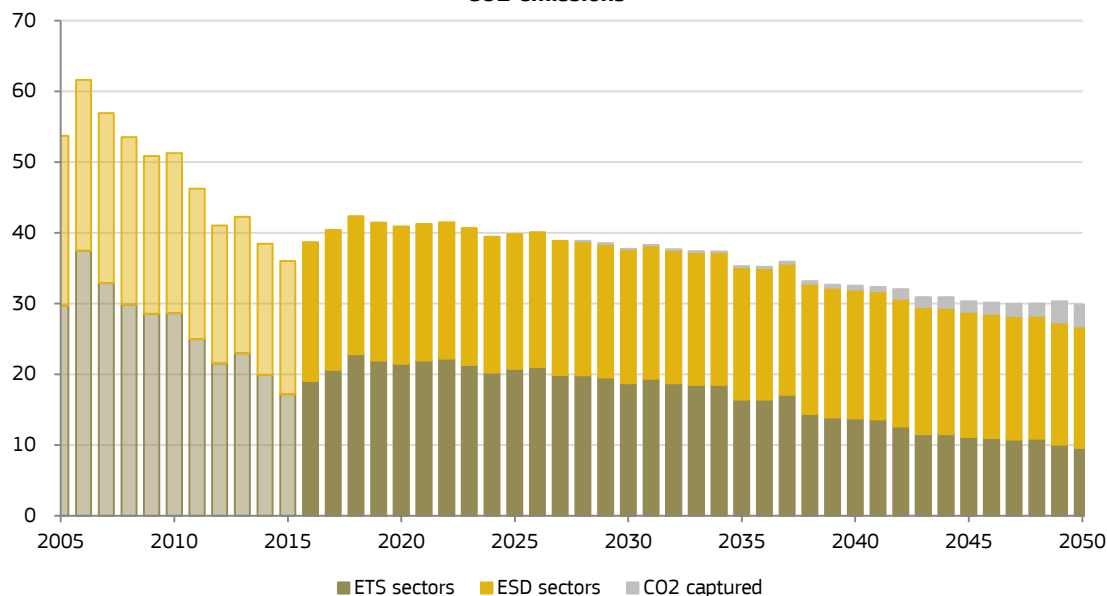
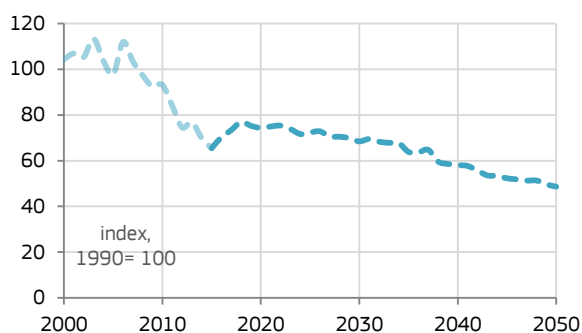
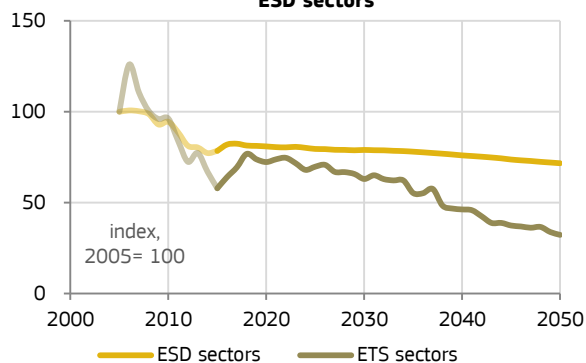


+2.2 Mtoe by 2050 from 2015 levels

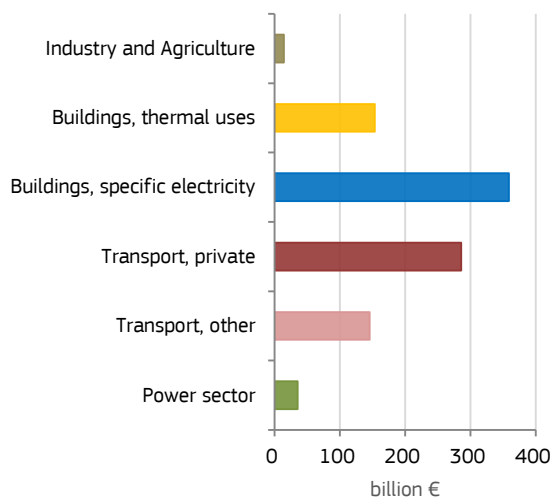
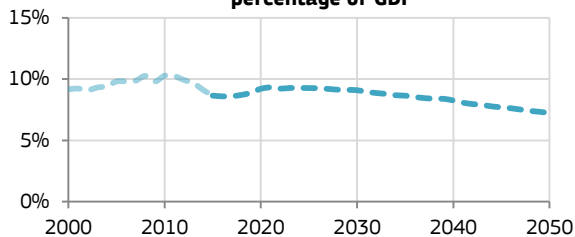
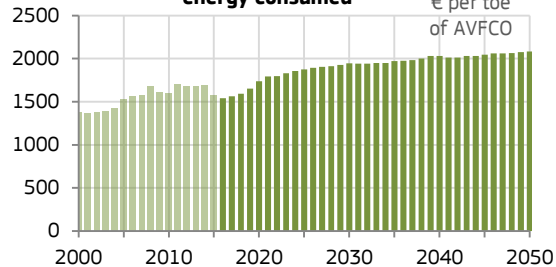


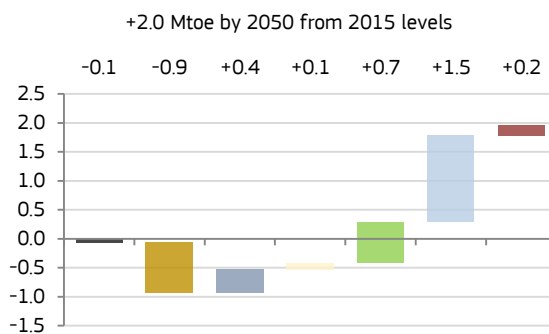
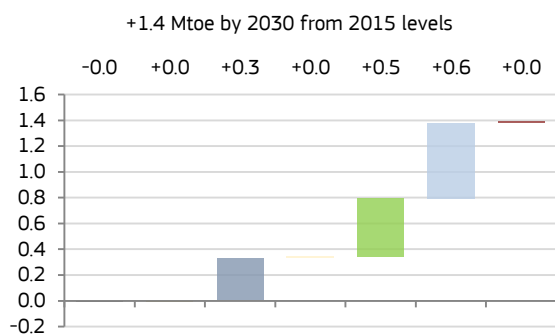
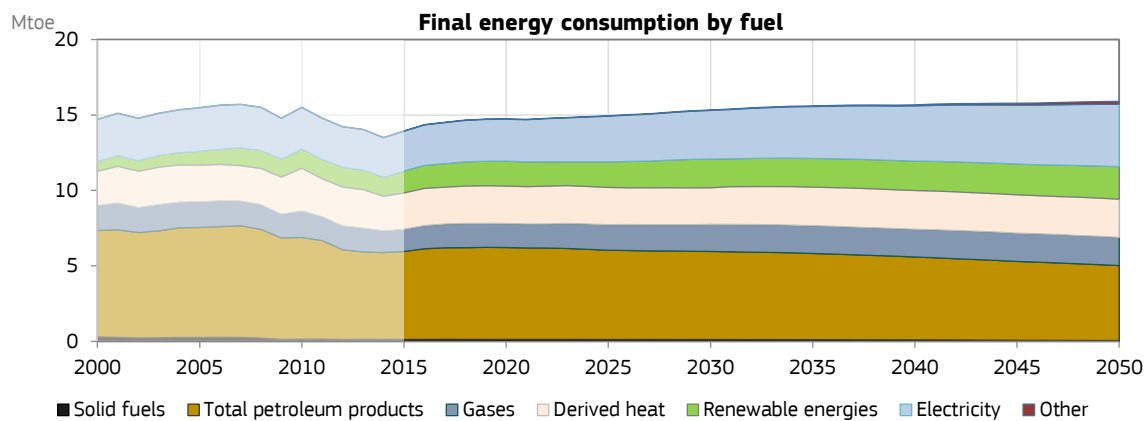
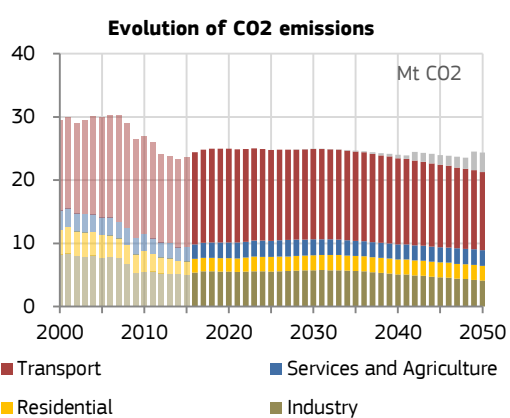
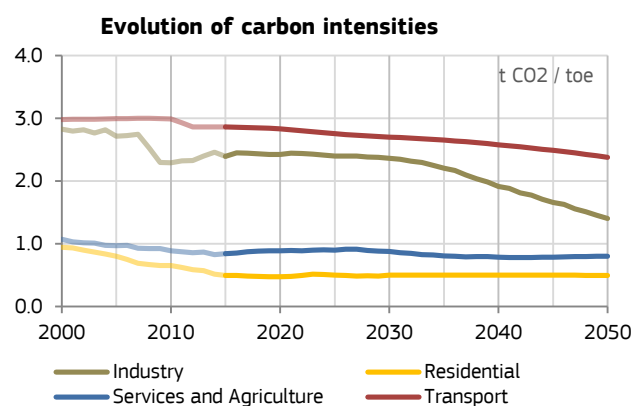
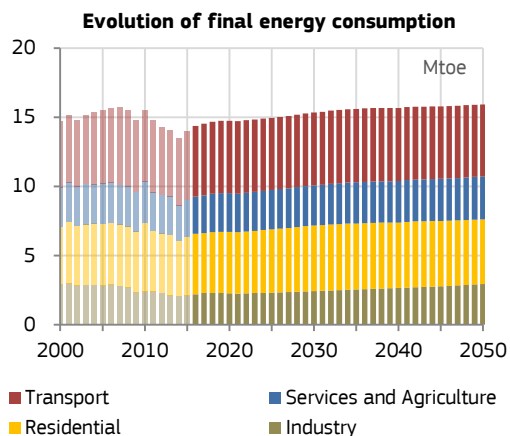
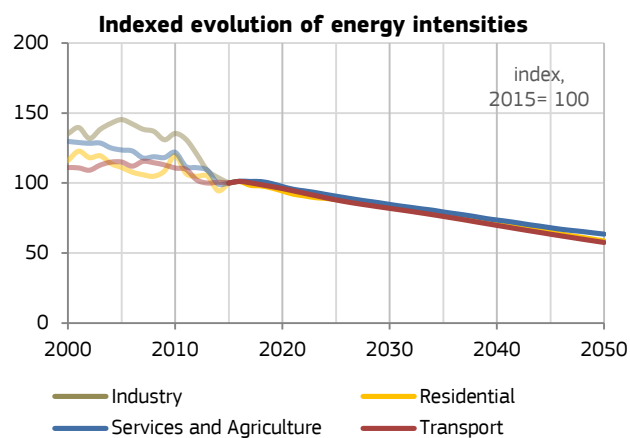
Share of renewable energies

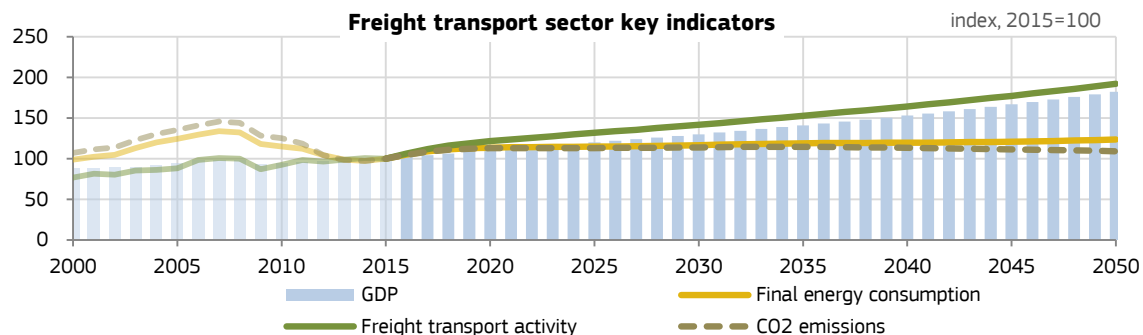
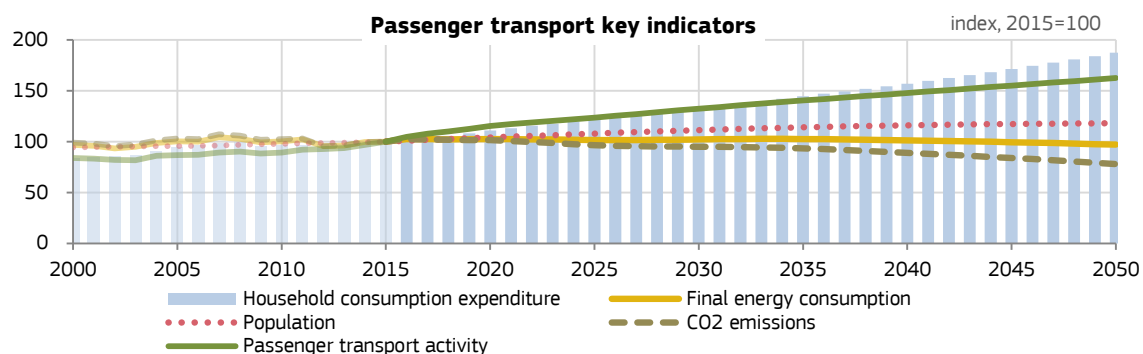
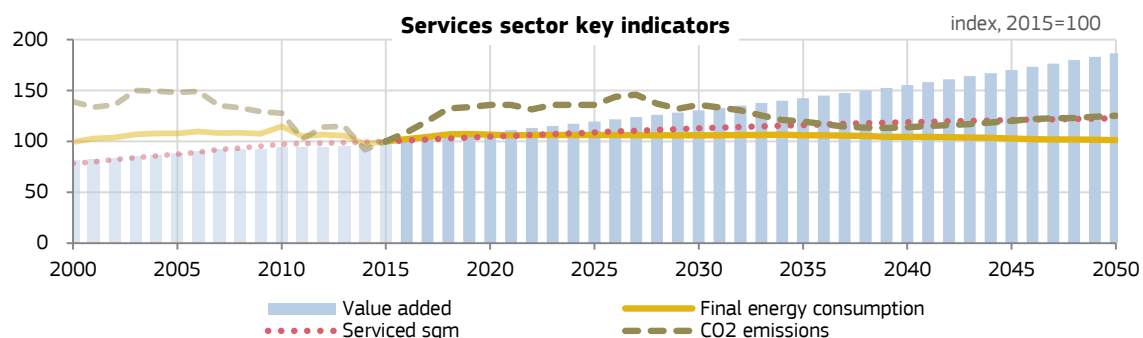
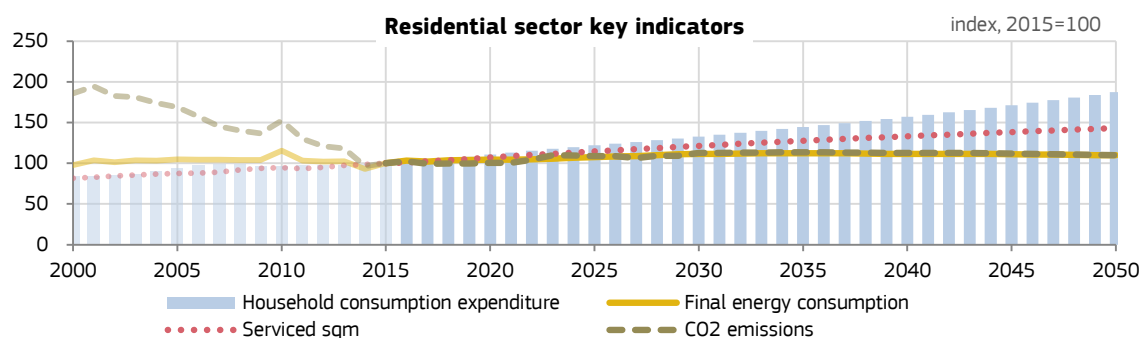
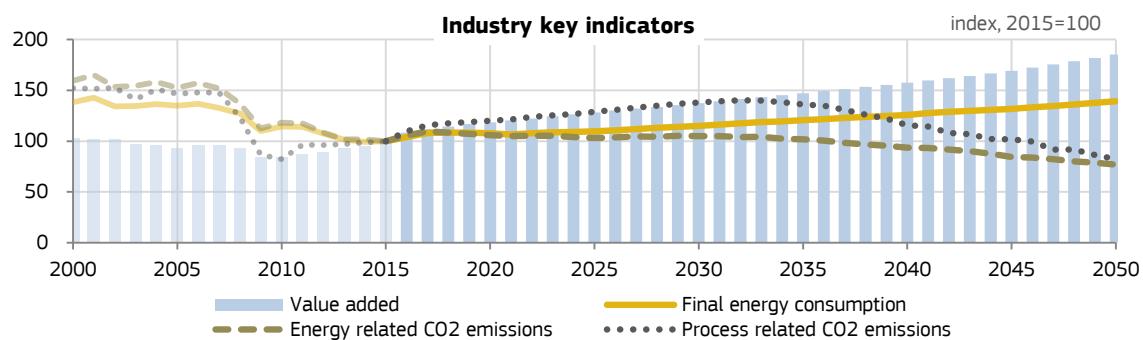


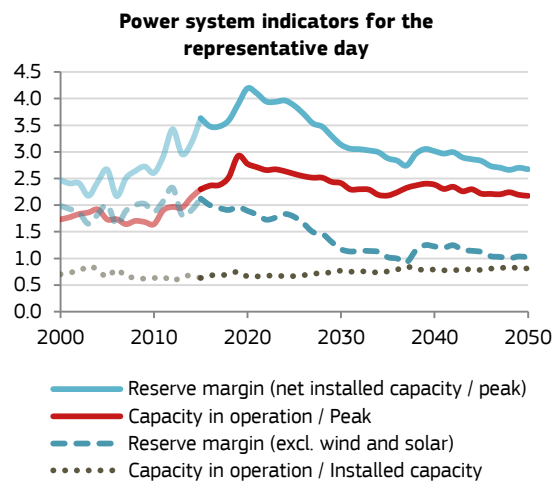
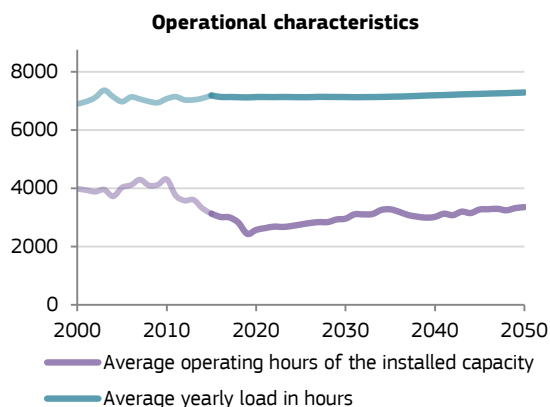
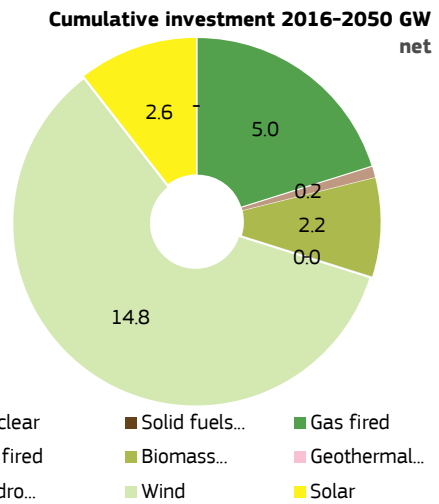
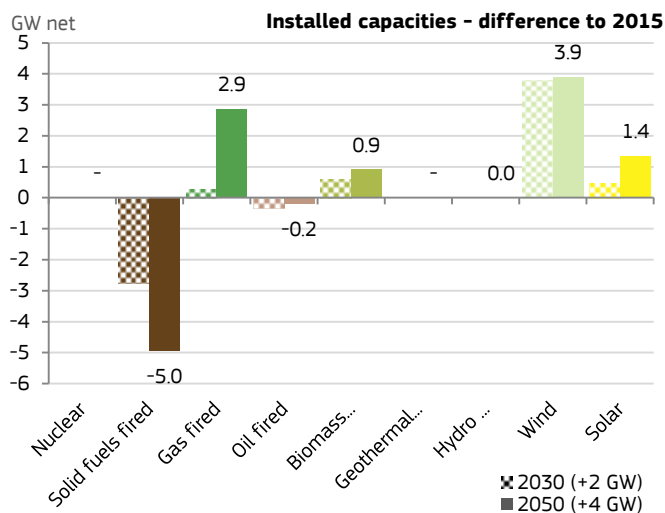
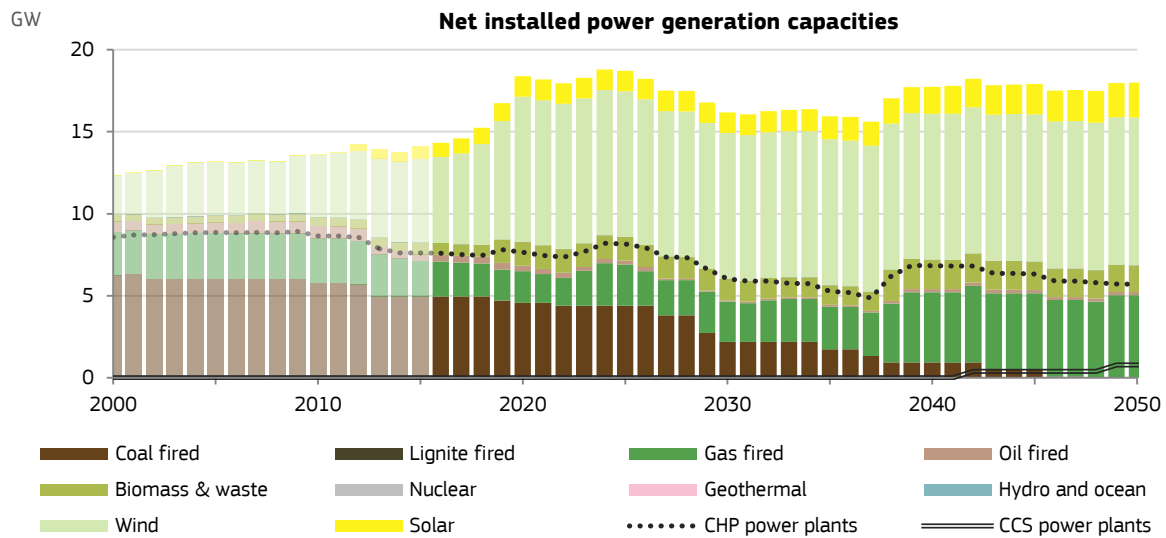
Mt CO₂**CO₂ emissions****Indexed evolution of CO₂ emissions****Indexed evolution of CO₂ emissions in ETS and ESD sectors****Cumulative investment expenditure (2016-2050)**

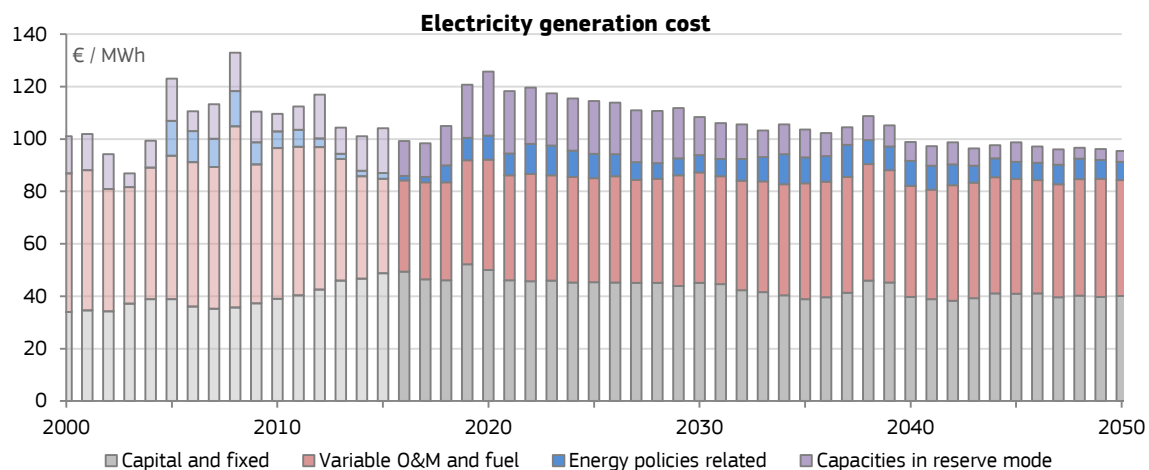
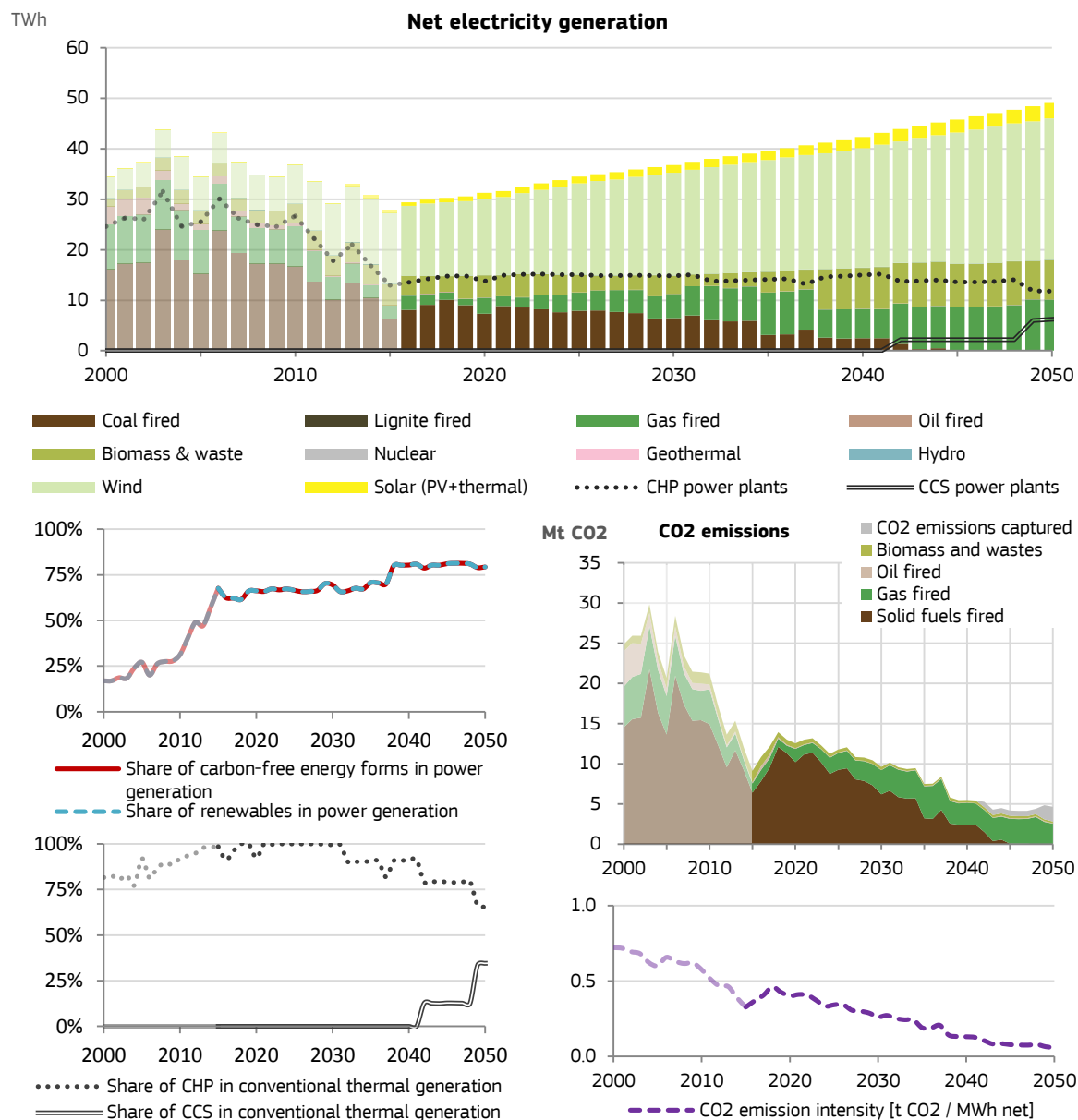
7.9% of cumulative GDP

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



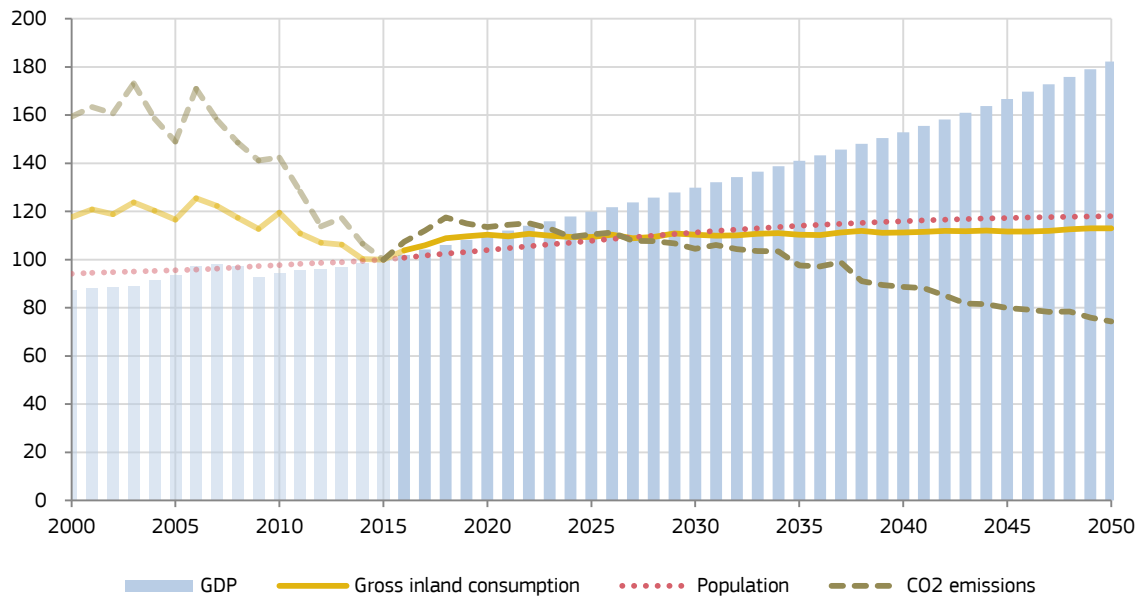






index, 2015=100

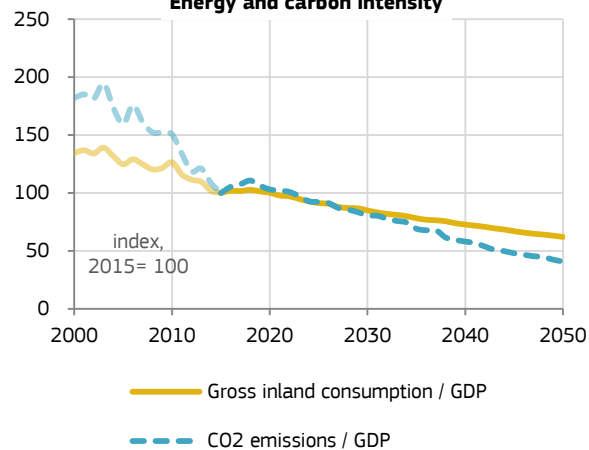
Key indicators of the DK energy system



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

	1990	2005	2015	2020	2030	2050
Final energy consumption [Mtoe]	13.5	15.5	13.9	14.7	15.3	15.9
Primary energy consumption [Mtoe]	17.6	19.3	16.5	18.2	18.2	18.6
RES [%] - Share of energy from renewable sources		16.4%	31.8%	35.7%	34.9%	48.6%
RES-E [%] - Share of electricity from renewable sources		25.7%	51.0%	67.7%	60.9%	74.0%
Total CO2 emissions [Mt CO2] (with intern. aviation, without LULUCF)	55.0	53.7	36.0	40.9	37.7	26.8
reduction to 1990		-2%	-35%	-26%	-32%	-51%
Emissions in current ETS sectors [(DK) [Mt CO2]		29.7	17.2	21.5	18.7	9.6
reduction to 2005			-42%	-28%	-37%	-68%
Emissions in current ESD sectors [Mt CO2]		24.0	18.8	19.4	18.9	17.2
reduction to 2005			-22%	-19%	-21%	-28%

Energy and carbon intensity



Per capita indicators

