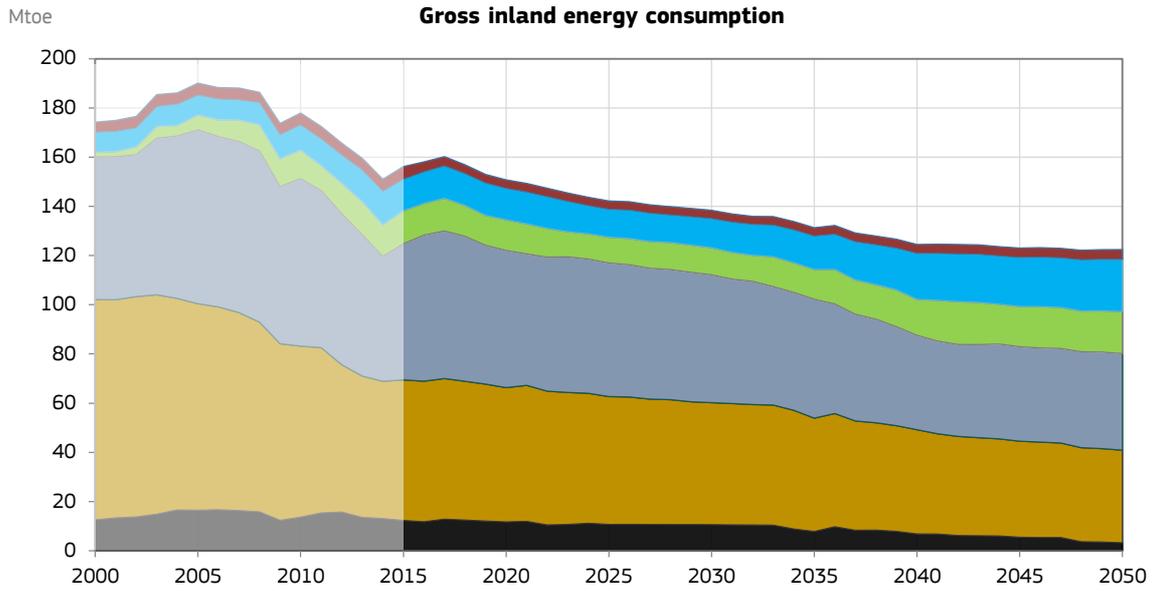

POTEnCIA - Model results overview

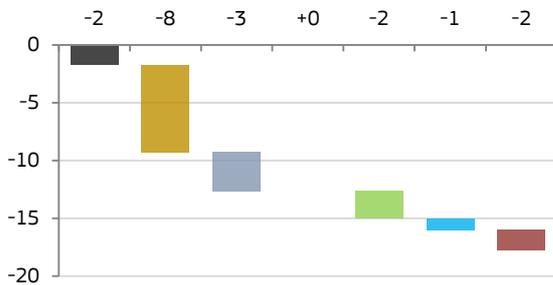
Italy

Central_2018 scenario

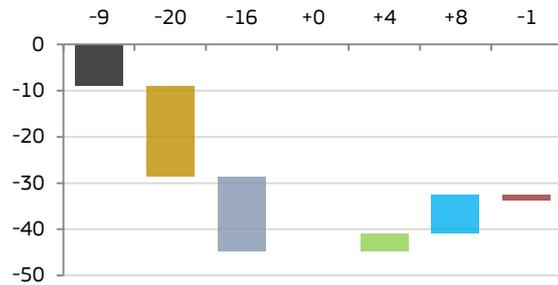


- Solid fuels
- Total petroleum products
- Gases
- Nuclear heat
- Biomass and renewable wastes
- Wind, solar, hydro and geothermal
- Other

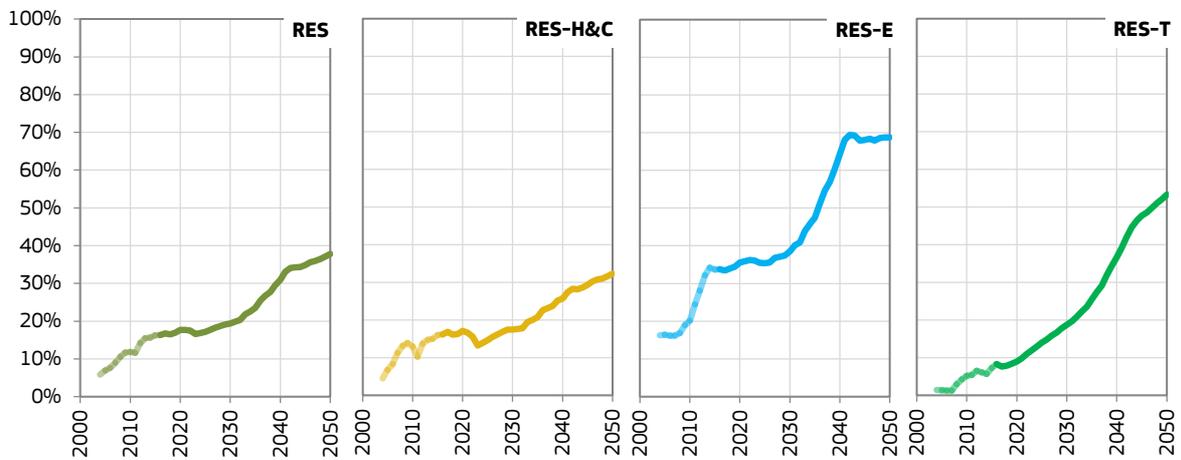
-18 Mtoe by 2030 from 2015 levels

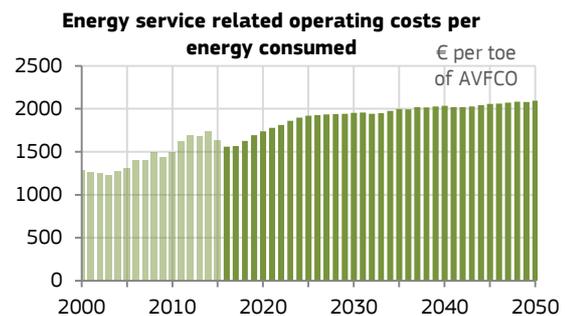
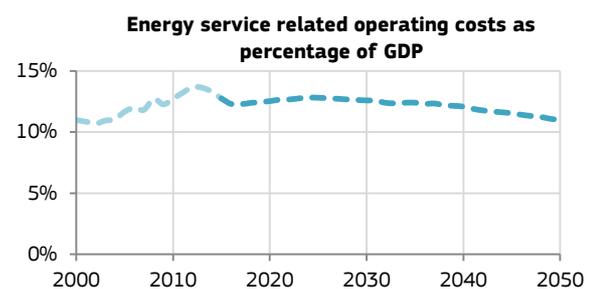
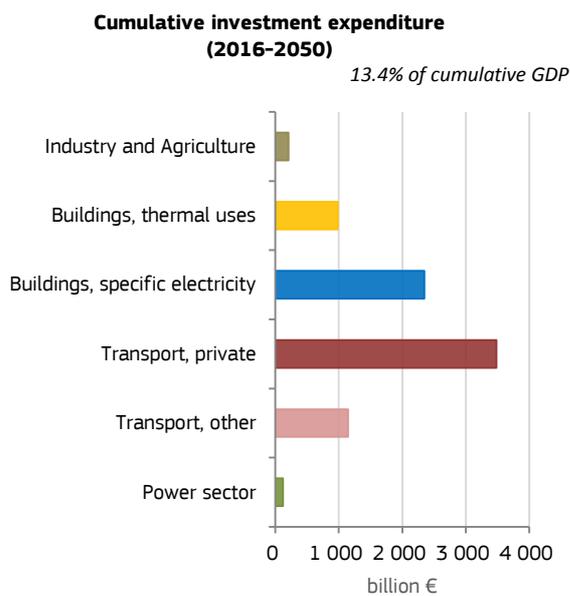
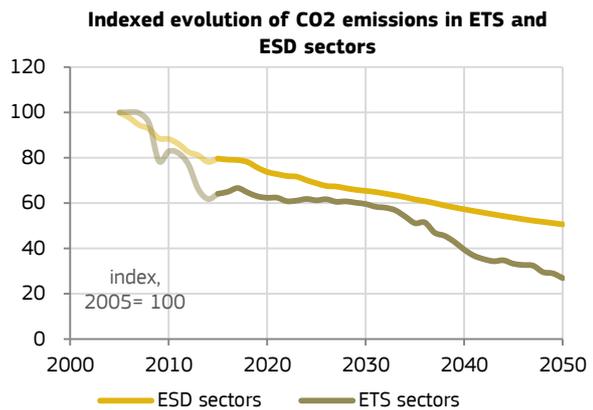
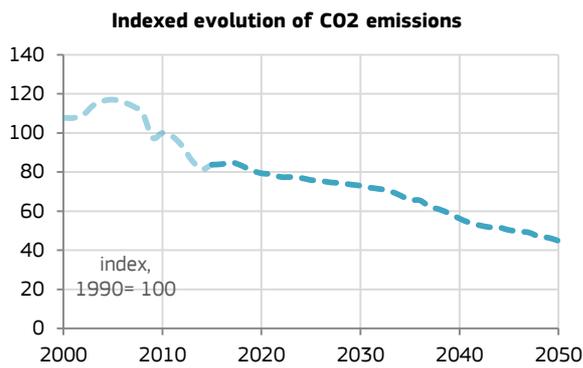
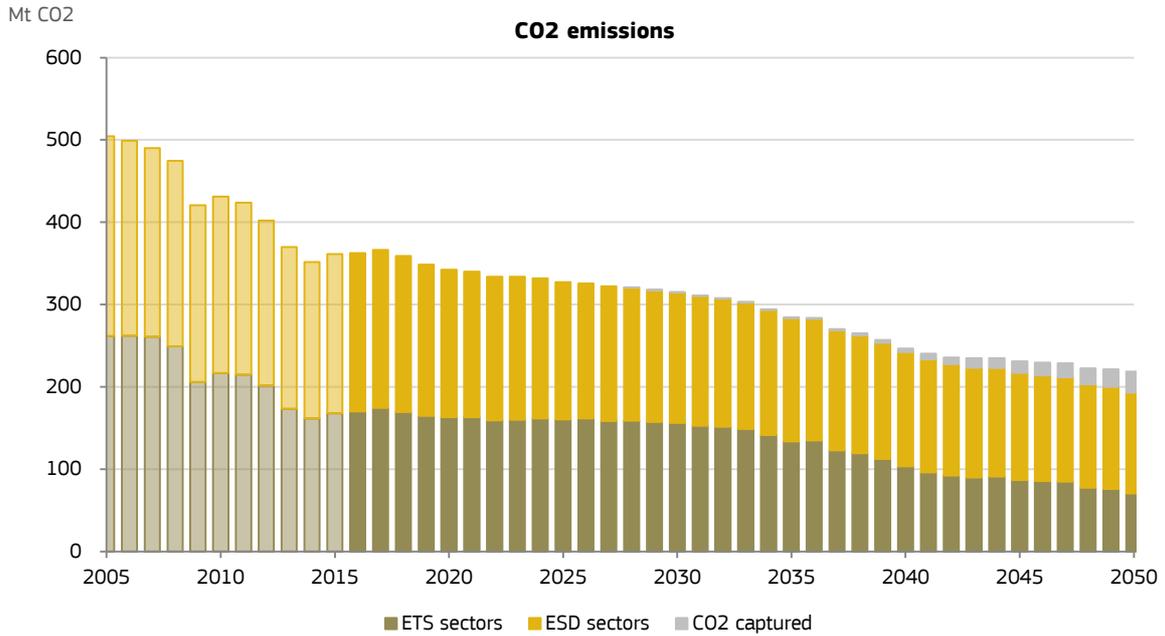


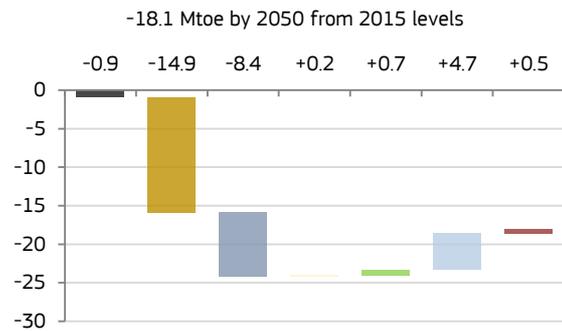
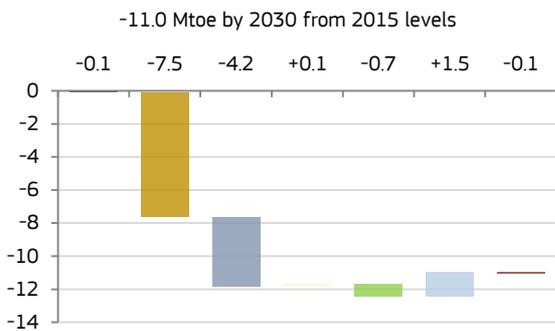
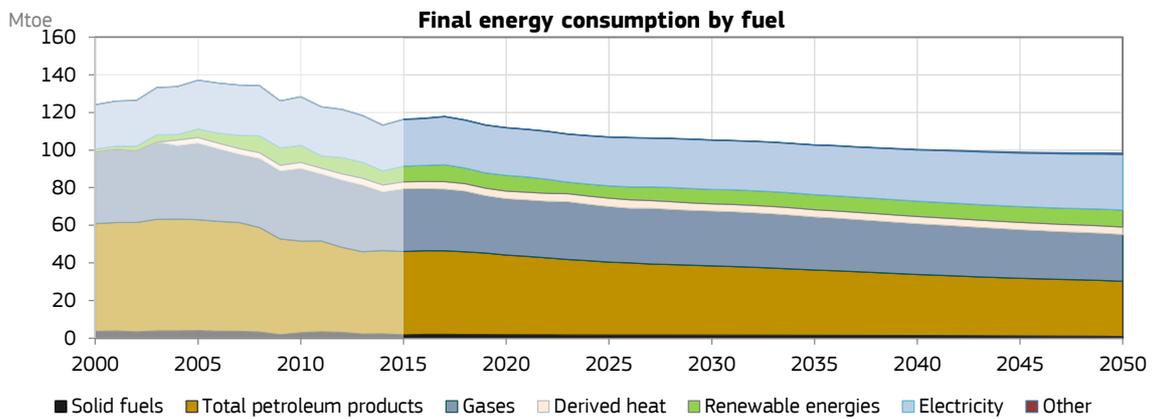
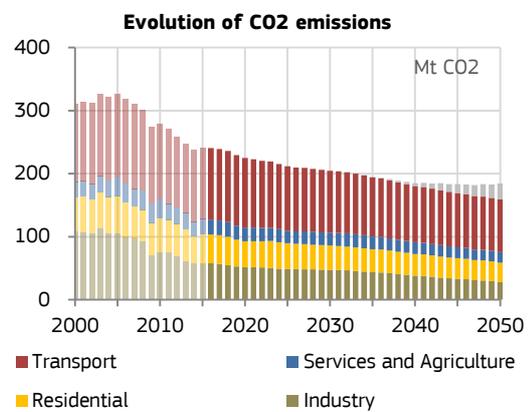
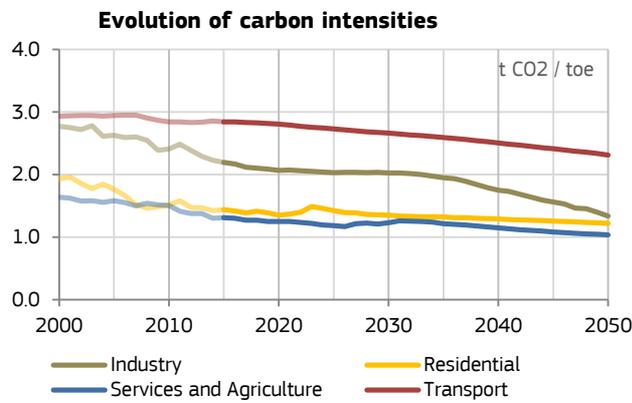
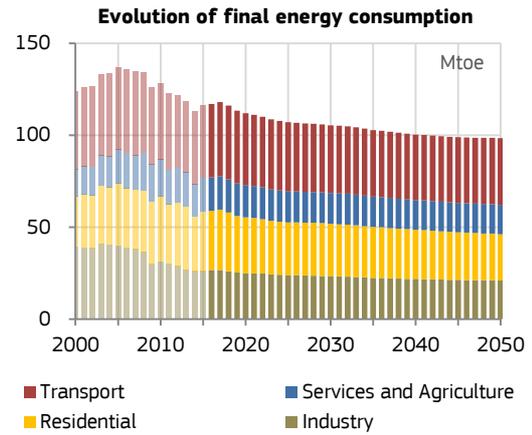
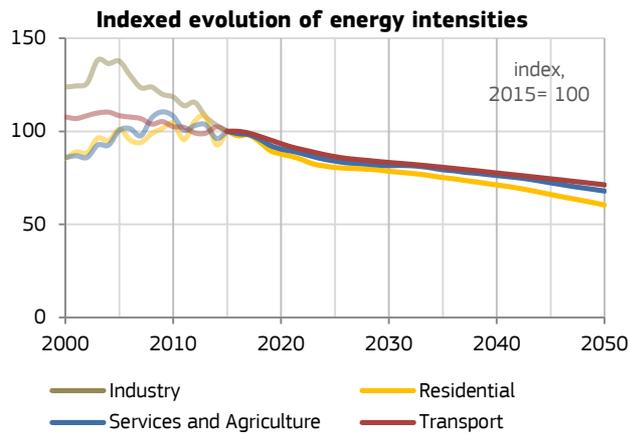
-34 Mtoe by 2050 from 2015 levels

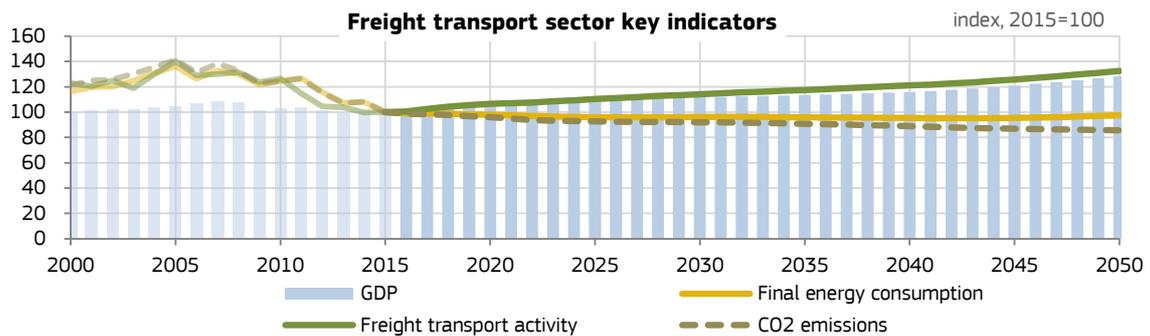
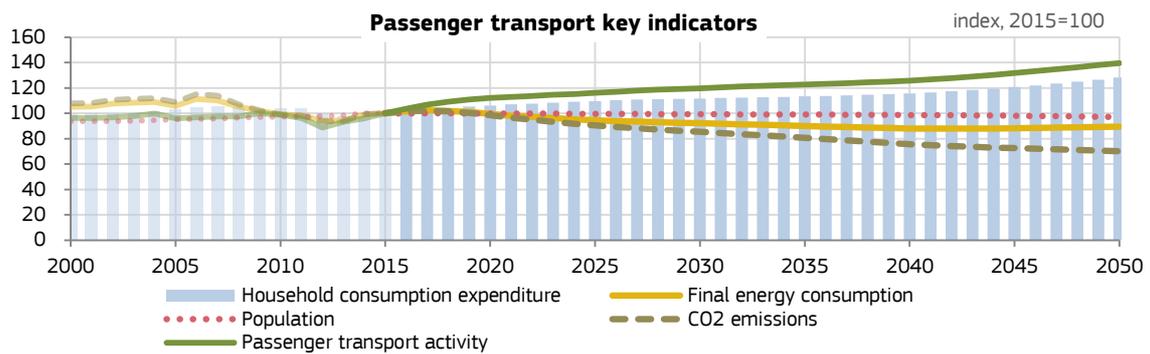
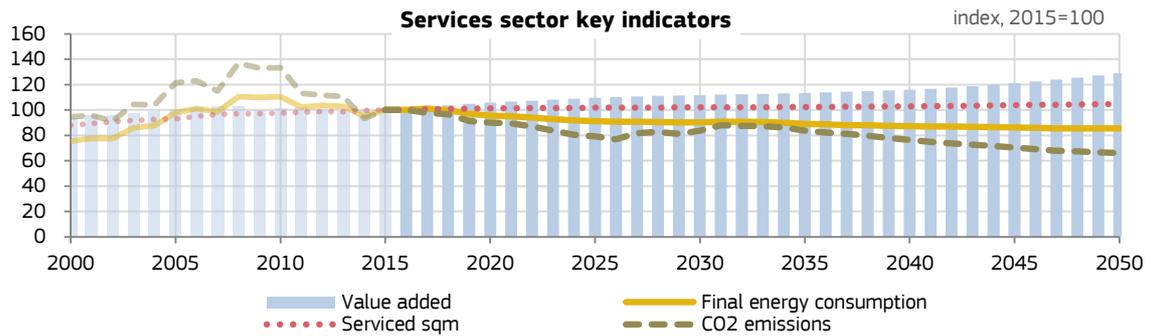
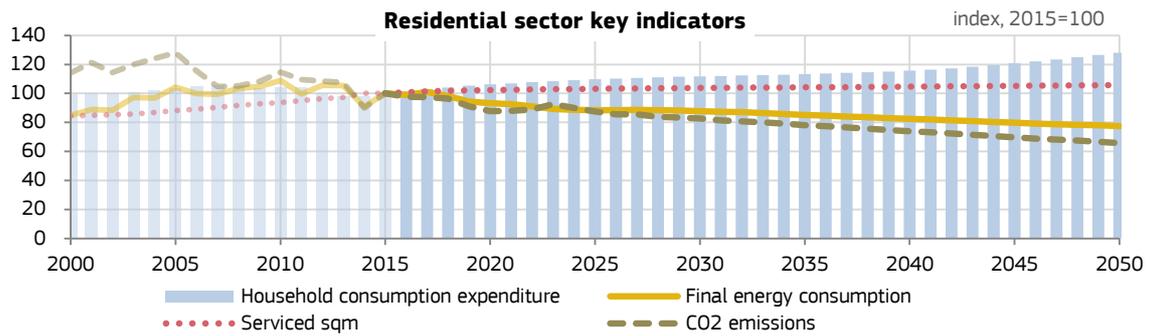
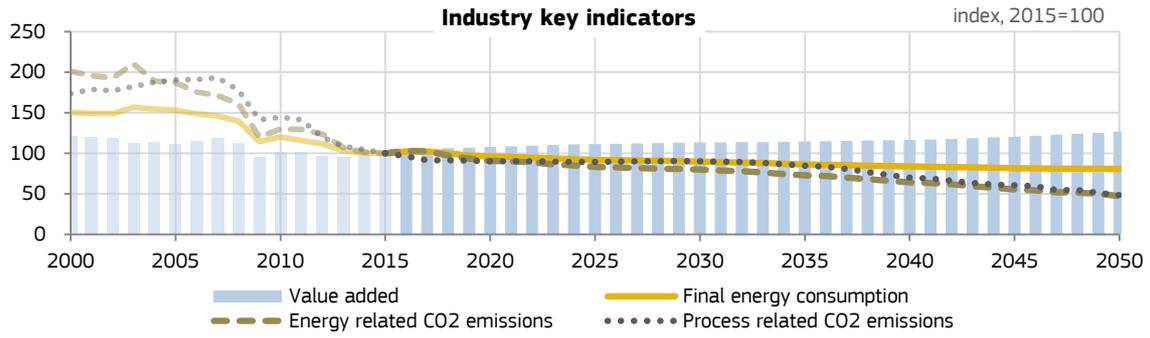


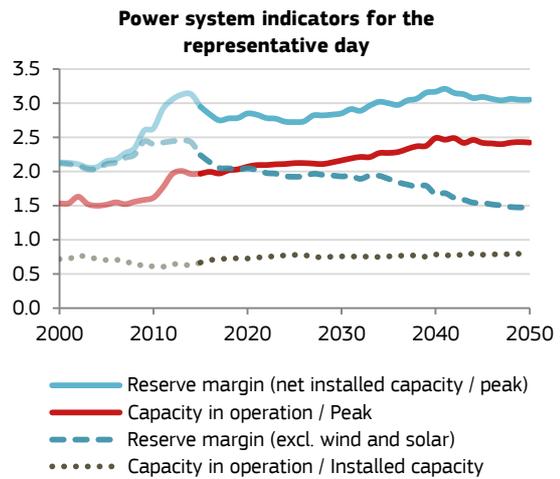
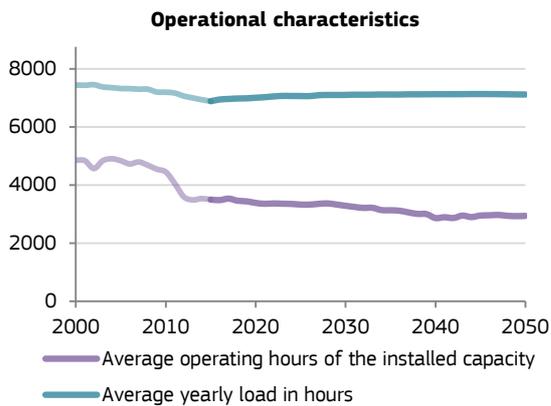
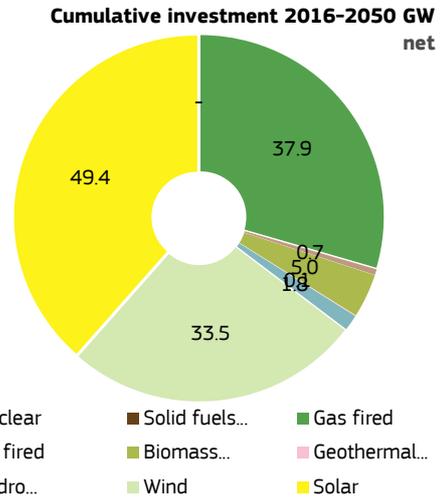
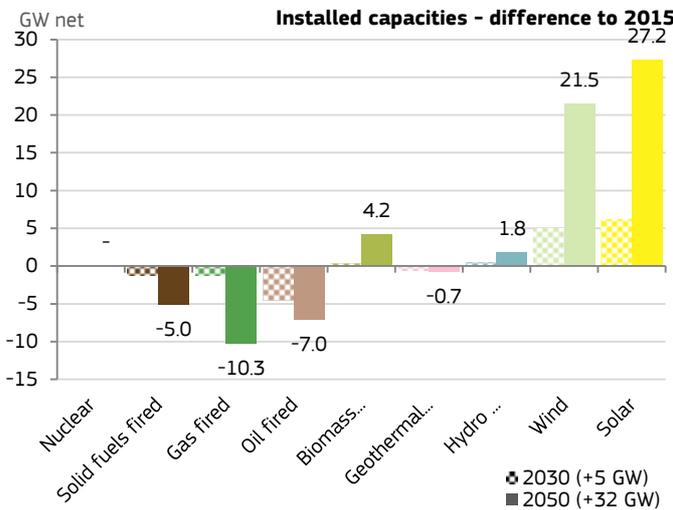
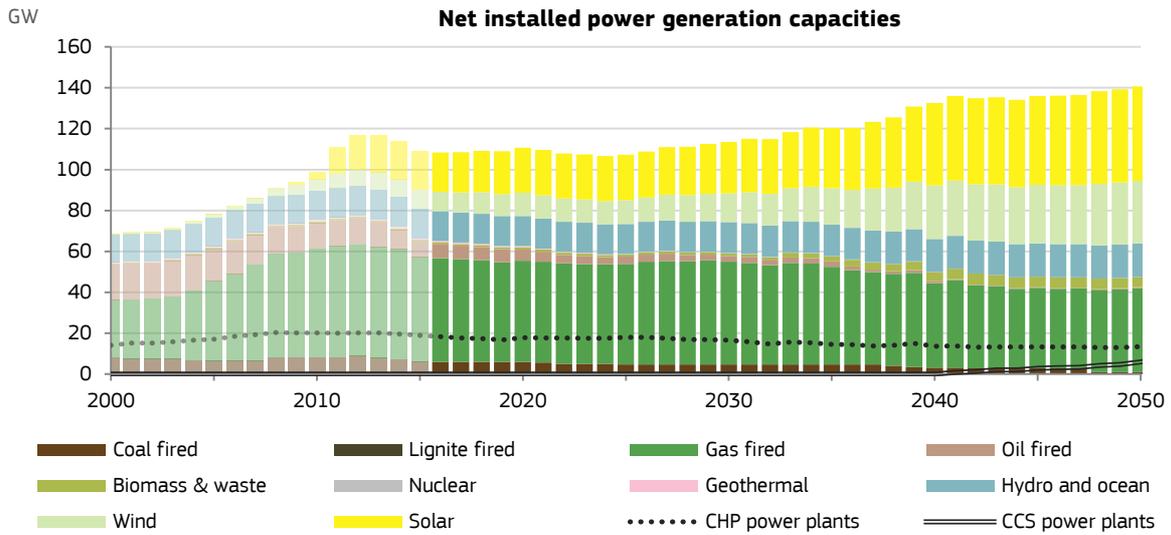
Share of renewable energies

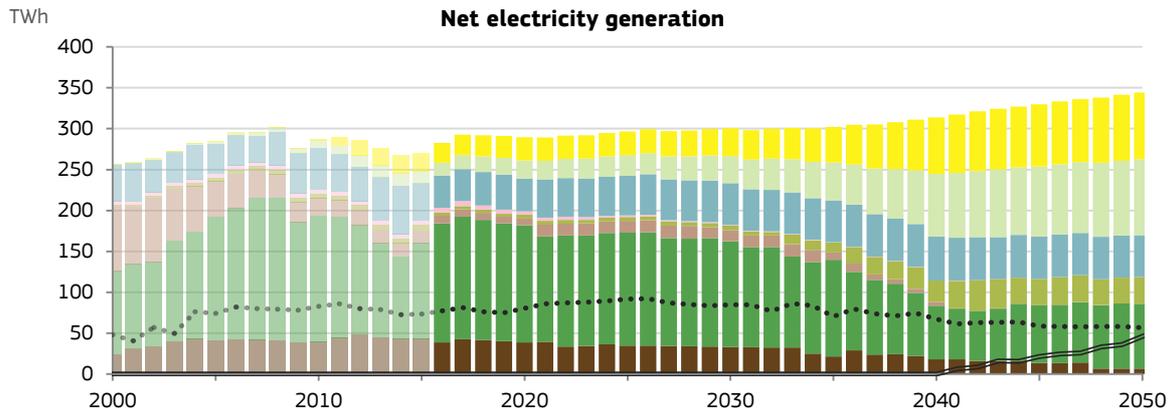




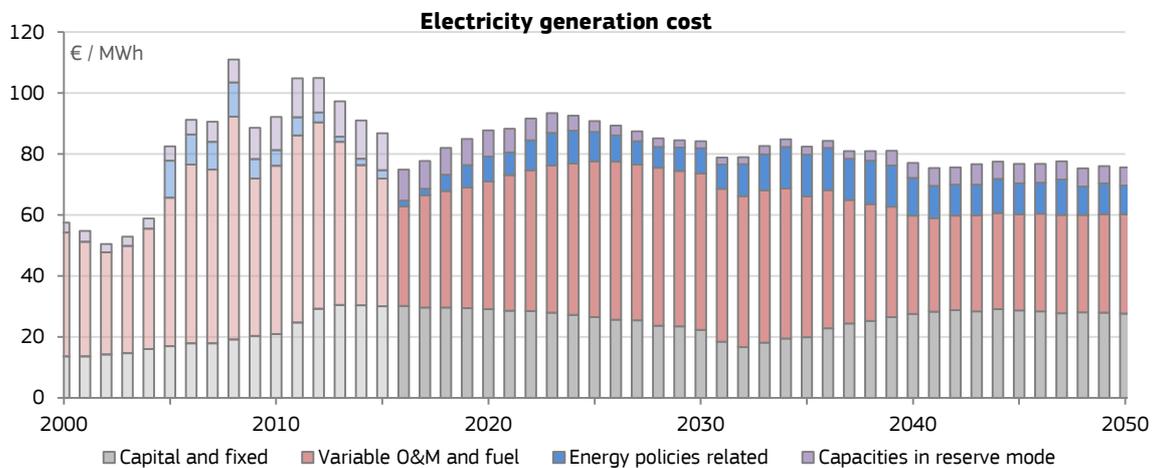
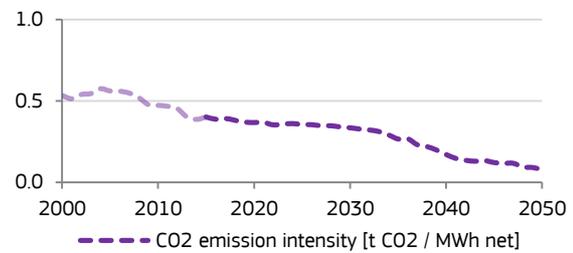
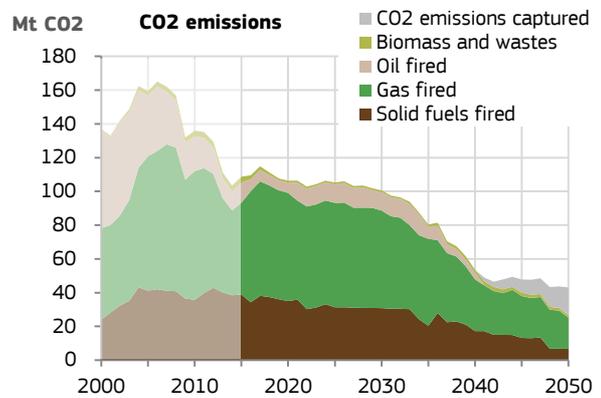
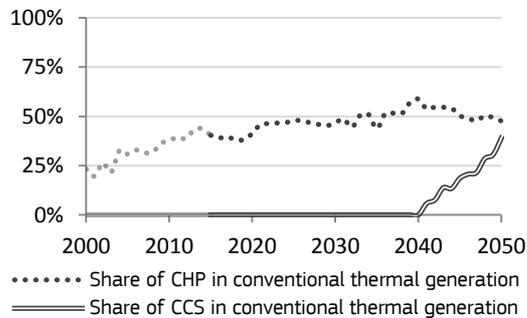
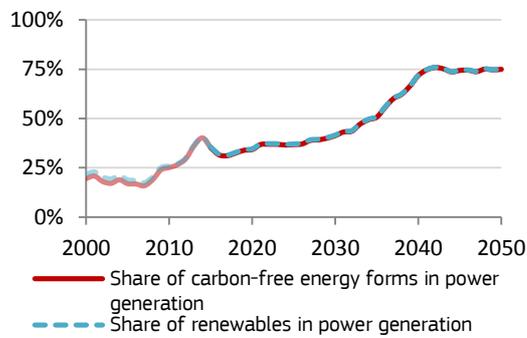


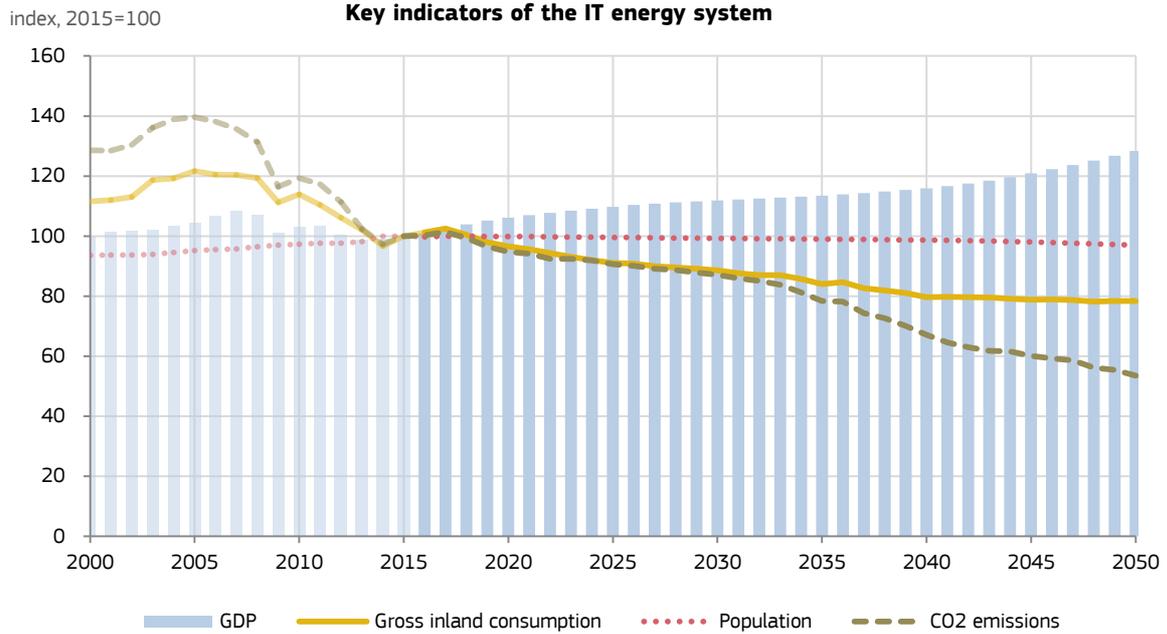






- Coal fired
- Biomass & waste
- Wind
- Lignite fired
- Nuclear
- Solar (PV+thermal)
- Gas fired
- Geothermal
- CHP power plants
- Oil fired
- Hydro
- CCS power plants





Key figures concerning the evolution of the Central_2018 - Indicators energy system						
	1990	2005	2015	2020	2030	2050
Final energy consumption [Mtoe]	106	137	116	112	105	98
Primary energy consumption [Mtoe]	142	181	150	144	131	116
RES [%] - Share of energy from renewable sources		6.9%	16.2%	17.7%	19.4%	37.8%
RES-E [%] - Share of electricity from renewable sources		16.4%	33.7%	35.6%	38.5%	68.7%
Total CO2 emissions [Mt CO2] (with intern. aviation, without LULUCF)	431	504	361	342	315	193
<i>reduction to 1990</i>		17%	-16%	-21%	-27%	-55%
Emissions in current ETS sectors [(IT) [Mt CO2]		262	168	163	156	70
<i>reduction to 2005</i>			-36%	-38%	-40%	-73%
Emissions in current ESD sectors [Mt CO2]		243	193	179	159	123
<i>reduction to 2005</i>			-20%	-26%	-35%	-49%

