

Bilag 2. Tendenser og fremskrivninger i danske drivhusgasemissioner 1990-2040

Tendenser og fremskrivninger i danske drivhusgasemissioner og -optag 1990-2040 med effekter af eksisterende politikker og -foranstaltninger fra maj 2023 (WEM-scenariet) - efter gas, efter IPCC-sektorer, i EU ETS, i EU il LULUCF-sektoren og forskellige energisektorer.

GREENHOUSE GAS EMISSIONS	1990	1995	2000	2005	2010	2015	2020	2021
	CO2 equivalent (kt)							
CO2 emissions without net CO2 from LULUCF	53464	61641	54296	51527	49179	35102	28294	29588
CO2 emissions with net CO2 from LULUCF	59796	66603	59041	56164	51198	34683	29247	29442
CH4 emissions without CH4 from LULUCF	9208	9849	9842	9543	9114	8613	8614	8726
CH4 emissions with CH4 from LULUCF	9502	10141	10130	9831	9415	8898	8916	9032
N2O emissions without N2O from LULUCF	7772	6922	6463	5262	5043	5018	5049	4713
N2O emissions with N2O from LULUCF	7839	6985	6517	5308	5084	5058	5086	4751
HFCs	0	238	728	870	806	452	317	275
PFCs	0	1	23	19	10	0	0	0
Unspecified mix of HFCs and PFCs	NO,NA	NO,NA	NO,NA	NO,NA	NO,NA	NO,NA	NO,NA	NO,NA
SF6	39	108	59	28	37	133	48	15
NF3	NO,NA	NO,NA	NO,NA	NO,NA	NO,NA	NO,NA	NO,NA	NO,NA
Total (without LULUCF)	70483	78758	71410	67250	64190	49319	42322	43317
Total (with LULUCF)	77177	84075	76497	72220	66550	49224	43614	43516
Total (without LULUCF, with indirect CO2)	71638	79858	72290	67975	64716	49667	42574	43569
Total (with LULUCF, with indirect CO2)	78332	85175	77378	72946	67076	49572	43866	43768
GREENHOUSE GAS SOURCE AND SINK CATEGORIES	1990	1995	2000	2005	2010	2015	2020	2021
1. Energy (with indirect CO2)	53709	61916	54672	51711	49795	34860	27431	28744
2. Industrial processes and product use	2138	2839	3572	2757	1882	1832	1910	1850
3. Agriculture	13831	13478	12682	12369	12024	11965	12089	11785
4. Land use, land-use change and forestry	6694	5317	5087	4971	2361	-95	1292	198
5. Waste	1960	1625	1364	1138	1016	1010	1144	1191
6. Other	NA	NA	NA	NA	NA	NA	NA	0
GREENHOUSE GAS EMISSIONS in EU ETS and non-ETS SECTOR CATEGORIES	1990	1995	2000	2005	2010	2015	2020	2021
EU ETS (CO2 emissions from stationary installations also included in the inventory) [1990-2004: No PROXY estimates]	NO	NO	NO	26864	25269	15796	10833	11619
EU ETS (CO2 emissions from domestic aviation also included in the inventory)	NO	NO	NO	0	0	131	76	83
EU ETS (Total CO2 emissions in ETS also included in the inventory) [1990-2004: PROXY estimates]	NO	NO	NO	26864	25269	15928	10909	11701
Non-ETS GHG emissions, without LULUCF, with indirect CO2 (2013-2020: ESD / 2021-2030: ESR) [1990-2004: PROXY estimates]	NO	NO	NO	41111	39447	33739	31666	31868
GREENHOUSE GAS NET EMISSIONS and ACCOUNTING QUANTITIES in the LULUCF SECTOR	1990	1995	2000	2005	2010	2015	2020	2021
LULUCF under the UNFCCC (net emissions from "4. Land use, land-use change and forestry")	6694	5317	5087	4971	2361	-95	1292	198
LULUCF accounting quantities (net credits if negative): KP1(2008-2012), KP2(2013-2020), EU/LULUCF(2021-2030)	NA	NA	NA	NA				-6104
GREENHOUSE GAS EMISSIONS in the different ENERGY SECTORS	1990	1995	2000	2005	2010	2015	2020	2021
1. Energy (with indirect CO2)	53716	61828	54665	51691	49668	34728	27217	28633
A. Fuel combustion (sectoral approach) (with indirect CO2)	52971	60850	53253	50532	48917	34223	26953	28384
1. Energy industries (with indirect CO2)	26350	32716	26284	23374	24173	12897	7211	8273
2. Manufacturing industries and construction	5881	6357	6150	5743	4439	3661	3587	3797
3. Transport	11556	12785	12974	13968	13658	12748	12111	12305
4. Other sectors	9004	8656	7631	7053	6429	4720	3798	3785
5. Other	181	336	215	394	218	198	246	226
B. Fugitive emissions from fuels	745	978	1412	1159	751	504	264	249
1. Solid fuels	NO	NO	NO	NO	NO	NO	NO	NO
2. Oil and natural gas and other emissions from energy production	745	978	1412	1159	751	504	264	249
C. CO2 transport and storage	NO	NO	NO	NO	NO	NO	NO	NO

er og -optag

nde nationale og EU-
kke-ETS (ESD/ESR),

2025	2030	2035	2040
CO2 equivalent (kt)			
22039	13040	9962	7494
22360	13173	8741	6149
7492	7028	6763	6530
7820	7537	7306	7060
4490	4211	4090	4020
4530	4256	4139	4072
288	206	126	76
0	0	0	0
NO,NA	NO,NA	NO,NA	NO,NA
13	13	13	14
NO,NA	NO,NA	NO,NA	NO,NA
34323	24498	20955	18134
35012	25186	20325	17371
34569	24697	21119	18268
35259	25384	20489	17505
2025	2030	2035	2040
21391	15267	11912	9329
1579	1310	1255	1225
10688	10010	9719	9488
689	688	-630	-762
945	1001	1002	995
-34	-2891	-2770	-2770
2025	2030	2035	2040
7840	5462	4490	4395
103	40	84	72
7413	2272	1843	1737
27156	22436	19276	16530
2025	2030	2035	2040
689	688	-630	-762
-5638	-233	NE	NE
2025	2030	2035	2040
21391	15267	11912	9329
21069	14964	11676	9126
5236	3706	3170	3099
2915	1591	1364	1225
10304	8169	5853	3613
2423	1309	1100	1000
191	188	188	188
322	303	237	203
NO	NO	NO	NO
322	303	237	203
NO	NO	NO	NO