

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

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

GREENHOUSE GAS EMISSIONS	1990	1995	2000	2005	2010	2015	2020	2021	2025	2030	2035	2040
	CO2 equivalent (kt)								CO2 equivalent (kt)			
CO2 emissions without net CO2 from LULUCF	53464	61641	54296	51527	49179	35102	28294	29588	22020	13035	9895	7432
CO2 emissions with net CO2 from LULUCF	59796	66603	59041	56164	51198	34683	29247	29442	22341	13168	8673	6087
CH4 emissions without CH4 from LULUCF	9208	9849	9842	9543	9114	8613	8614	8688	7456	6996	6733	6501
CH4 emissions with CH4 from LULUCF	9502	10141	10130	9831	9415	8898	8916	8993	7784	7505	7276	7031
N2O emissions without N2O from LULUCF	7772	6922	6463	5262	5043	5018	5049	4713	4490	4211	4090	4020
N2O emissions with N2O from LULUCF	7839	6985	6517	5308	5084	5058	5086	4751	4530	4256	4139	4072
HFCs	0	238	728	870	806	452	317	275	288	206	126	76
PFCs	0	1	23	19	10	0	0	0	0	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	NO,NA	NO,NA	NO,NA	NO,NA
SF6	39	108	59	28	37	133	48	15	13	13	13	14
NF3	NO,NA	NO,NA	NO,NA	NO,NA	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	43278	34267	24461	20857	18043
Total (with LULUCF)	77177	84075	76497	72220	66550	49224	43614	43477	34957	25149	20227	17280
Total (without LULUCF, with indirect CO2)	71638	79858	72290	67975	64716	49667	42574	43530	34514	24660	21021	18177
Total (with LULUCF, with indirect CO2)	78332	85175	77378	72946	67076	49572	43866	43729	35203	25348	20391	17414
GREENHOUSE GAS SOURCE AND SINK CATEGORIES	1990	1995	2000	2005	2010	2015	2020	2021	2025	2030	2035	2040
1. Energy (with indirect CO2)	53709	61916	54672	51711	49795	34860	27431	28744	21906	18481	14574	11997
2. Industrial processes and product use	2138	2839	3572	2757	1882	1832	1910	1850	1579	1310	1255	1225
3. Agriculture	13831	13478	12682	12369	12024	11965	12089	11785	10688	10010	9719	9488
4. Land use, land-use change and forestry	6694	5317	5087	4971	2361	-95	1292	198	689	688	-630	-762
5. Waste	1960	1625	1364	1138	1016	1010	1144	1152	909	969	972	966
6. Other	NA	NA	NA	NA	NA	NA	NA	0	-34	-2880	-2770	-2770
GREENHOUSE GAS EMISSIONS in EU ETS and non-ETS SECTOR CATEGORIES	1990	1995	2000	2005	2010	2015	2020	2021	2025	2030	2035	2040
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	7827	5462	4489	4395
EU ETS (CO2 emissions from domestic aviation also included in the inventory)	NO	NO	NO	0	0	131	76	83	103	39	32	26
EU ETS (Total CO2 emissions in ETS also included in the inventory) [1990-2004: PROXY estimates]	NO	NO	NO	26864	25269	15928	10909	11701	7400	2270	1791	1691
Non-ETS GHG emissions, without LULUCF, with indirect CO2 (2013-2020: ESD /	NO	NO	NO	41111	39447	33739	31666	31829	27118	22390	19230	16485

[illegible]