

## Annual total emission change (%) from 2010

	CLE				CLIM				MTFR	
	2020	2030	2040	2050	2020	2030	2040	2050	2030	2050
TF-HTAP2 region										
Global CH <sub>4</sub> abundance	4	12	21	32	3	8	11	13	-9	-21
Global NO <sub>x</sub>	-7	-6	6	19	-17	-27	-26	-24	-88	-86
Regional NO <sub>x</sub> emissions										
Central America	13	11	21	30	1	-16	-16	-11	-46	-79
Central Asia	10	15	18	26	-5	-16	-26	-32	-57	-80
East Asia	-14	-16	-8	-3	-16	-27	-25	-24	-50	-61
Europe	-31	-46	-50	-50	-33	-51	-57	-58	-67	-72
Middle East	18	31	51	72	-16	-19	-20	-23	-37	-76
North Africa	-9	3	24	53	-24	-25	-16	-2	-56	-71
North America	-28	-51	-51	-51	-31	-55	-59	-64	-73	-78
North Pole	1	-1	-15	-13	-15	-22	-19	-23	-61	-78
Ocean	-6	-0.2	11	25	-14	-22	-29	-27	-51	-64
Pacific Aus NZ	-20	-31	-32	-33	-28	-53	-58	-63	-72	-84
Russia Bel Ukr	-1	-4	-9	-8	-18	-28	-29	-35	-62	-74
Southern Africa	10	13	30	49	-12	-21	-18	-12	-41	-50
South America	-6	1	15	28	-9	-11	-6	-2	-46	-66
South Asia	19	67	139	199	-1	12	41	66	-29	-48
Southeast Asia	24	45	71	101	-1	-7	-5	1	-35	-59