

Anexa 3 la PNCPA

		Projected emissions (kt)						Projected emissions (kt)						Projected emissions (kt)					
		NOx						NMVOC						SOx (as SO ₂)					
NFR Code	Longname	2005	2018	2019	2020	2025	2030	2005	2018	2019	2020	2025	2030	2005	2018	2019	2020	2025	2030
1A1	Energy industries (Combustion in power plants & Energy Production)	113,748	39,596	37,830	28,429	16,350	9,640	2,342	1,048	1,063	0,983	1,559	1,383	524,441	39,552	53,402	31,343	11,449	1,090
1A2	Manufacturing Industries and Construction (Combustion in industry including Mobile)	53,700	26,615	27,194	26,881	22,146	22,996	22,264	9,722	9,863	9,630	7,521	6,824	63,411	29,104	29,776	32,388	12,431	11,620
1A3b	Road Transport	95,195	89,618	85,319	83,875	49,604	49,125	50,294	21,786	20,496	19,900	16,792	17,839	1,718	0,105	0,108	0,113	0,067	0,066
1A3bi	R.T., Passenger cars	33,599	28,958	28,614	29,593	15,512	15,358	29,840	9,118	8,544	8,477	4,443	4,399	0,630	0,055	0,056	0,059	0,031	0,031
1A3bii	R.T., Light duty vehicles	9,052	12,206	12,480	11,403	11,843	11,726	4,346	1,985	1,805	1,750	1,817	1,799	0,241	0,015	0,015	0,015	0,015	0,015
1A3biii	R.T., Heavy duty vehicles	52,526	48,361	44,138	42,804	22,154	21,935	5,529	3,070	2,678	2,599	1,345	1,332	0,846	0,034	0,037	0,039	0,020	0,020
1A3biv	R.T., Mopeds & Motorcycles	0,017	0,092	0,087	0,075	0,095	0,106	0,768	0,766	0,810	0,604	0,759	0,852	0,001	0,000	0,000	0,000	0,000	0,000
1A3bv	R.T., Gasoline evaporation	NA	NA	NA	NA	NA	NA	9,812	6,847	6,660	6,469	8,427	9,456	NA	NA	NA	NA	NA	NA
1A3bvi	R.T., Automobile tyre and brake wear	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1A3bvii	R.T., Automobile road abrasion	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1A3a,c,d,e	Off-road transport	6,948	8,560	10,636	9,117	10,458	12,603	0,439	0,556	0,723	0,611	0,636	0,762	0,238	0,137	0,145	0,108	0,205	0,257
1A4	Other sectors (Commercial, institutional, residential, agriculture and fishing stationary and mobile combustion)	21,846	21,484	21,120	20,885	18,900	19,007	81,110	77,394	78,127	77,863	45,579	32,140	2,510	3,766	4,058	4,224	0,928	0,648
1A5	Other	4,686	2,693	2,633	2,569	2,272	2,009	0,342	0,176	0,172	0,168	0,148	0,131	1,801	0,827	0,809	0,789	0,698	0,617
1B	Fugitive emissions (Fugitive emissions from fuels)	1,538	1,217	1,177	0,886	0,901	0,917	32,609	15,250	13,950	12,304	11,621	11,109	6,682	1,382	1,343	0,962	0,976	0,991
2A,B,C,H,I,J,K,L	Industrial Processes	5,150	1,429	1,216	1,495	0,931	1,026	25,579	12,316	12,790	12,732	11,910	13,562	1,688	1,212	1,149	1,085	0,941	0,995
2D, 2G	Solvent and other product use	0,079	0,050	0,044	0,037	0,038	0,042	42,119	47,810	47,339	45,933	27,284	27,193	0,005	0,003	0,005	0,004	0,005	0,006
3B	Animal husbandry and manure management	3,653	2,571	2,550	2,476	1,778	1,912	44,684	32,174	31,891	31,253	16,165	15,021	NA	NA	NA	NA	NA	NA
3B1a	Cattle Dairy	1,186	0,605	0,595	0,586	0,601	0,616	20,151	14,116	13,865	13,726	3,608	4,599	NA	NA	NA	NA	NA	NA
3B1b	Cattle Non-Dairy	0,251	0,125	0,119	0,114	0,146	0,186	9,216	5,911	5,654	5,431	2,089	1,850	NA	NA	NA	NA	NA	NA
3B2	Sheep	0,091	0,122	0,124	0,123	0,143	0,166	1,311	1,754	1,785	1,747	1,770	1,820	NA	NA	NA	NA	NA	NA
3B3	Swine	0,213	0,084	0,083	0,084	0,068	0,087	4,219	2,519	2,468	2,449	1,070	1,000	NA	NA	NA	NA	NA	NA
3B4a	Buffalo	0,004	0,002	0,002	0,002	0,002	0,002	0,197	0,084	0,084	0,086	0,084	0,079	NA	NA	NA	NA	NA	NA
3B4d	Goats	0,008	0,018	0,019	0,019	0,023	0,029	0,374	0,838	0,868	0,878	0,890	1,200	NA	NA	NA	NA	NA	NA
3B4e	Horses	0,208	0,112	0,102	0,102	0,097	0,092	3,565	1,914	1,739	1,745	1,660	1,579	NA	NA	NA	NA	NA	NA
3B4f	Mules and asses	IE	IE	IE	IE	IE	IE	IE	IE	IE	IE	IE	IE	NA	NA	NA	NA	NA	NA
3B4g	Poultry	1,691	1,502	1,505	1,445	0,698	0,734	5,616	5,023	5,412	5,176	4,979	2,880	NA	NA	NA	NA	NA	NA
3B4h	Other	0,001	0,000	0,000	0,000	0,000	0,000	0,034	0,015	0,016	0,015	0,015	0,014	NA	NA	NA	NA	NA	NA
3D	Plant production and agricultural soils	23,520	27,484	26,933	27,283	22,640	28,380	31,351	24,708	25,891	25,439	23,804	24,442	NA	NA	NA	NA	NA	NA
3F,I	Field burning and other agriculture	0,012	0,006	0,007	0,012	0,007	0,003	0,022	0,011	0,014	0,022	0,001	0,001	0,002	0,001	0,001	0,002	0,001	0,001
5	Waste	0,578	0,441	0,467	0,454	0,846	0,782	2,299	2,173	2,252	2,261	2,164	1,759	0,022	0,016	0,017	0,016	0,055	0,052
6A	Other (included in National Total for Entire Territory)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NATIONAL TOTAL	National Total for the entire territory	330,651	221,764	217,127	204,400	146,869	148,441	335,453	245,123	244,571	239,098	165,185	152,165	602,518	76,103	90,810	71,036	27,756	16,342
Emissions 3B and 3 D		27,173	30,055	29,483	29,759	24,418	30,292	76,035	56,882	57,782	56,692	39,969	39,463						
COMPLIANCE TOTAL (NECD)		303,478	191,709	187,645	174,640	122,451	118,149	259,419	188,241	186,789	182,406	125,215	112,702	602,518	76,103	90,810	71,036	27,756	16,342

		Projected emissions (kt)						Projected emissions (kt)					
		<i>NH₃</i>						<i>PM_{2.5}</i>					
<i>NFR Code</i>	<i>Longname</i>	2005	2018	2019	2020	2025	2030	2005	2018	2019	2020	2025	2030
1A1	Energy industries (Combustion in power plants & Energy Production)	0,000	0,000	0,000	0,000	0,000	0,000	12,693	1,866	1,925	1,838	0,717	0,490
1A2	Manufacturing Industries and Construction (Combustion in industry including Mobile)	0,015	0,014	0,014	0,013	0,010	0,007	10,509	5,379	5,425	5,487	2,765	2,446
1A3b	Road Transport	0,760	1,015	1,006	0,955	0,528	0,523	4,478	4,578	4,318	4,018	3,025	2,979
1A3bi	R.T., Passenger cars	0,642	0,903	0,882	0,833	0,437	0,432	0,927	1,184	1,117	1,057	0,554	0,549
1A3bii	R.T., Light duty vehicles	0,100	0,058	0,057	0,054	0,056	0,055	0,627	0,703	0,617	0,514	0,534	0,529
1A3biii	R.T., Heavy duty vehicles	0,018	0,053	0,067	0,067	0,035	0,035	2,063	1,275	1,114	0,996	0,516	0,511
1A3biv	R.T., Mopeds & Motorcycles	0,000	0,001	0,001	0,001	0,001	0,001	0,018	0,014	0,016	0,011	0,014	0,016
1A3bv	R.T., Gasoline evaporation	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1A3bvi	R.T., Automobile tyre and brake wear	NA	NA	NA	NA	NA	NA	0,571	0,933	0,969	0,957	0,935	0,914
1A3bvii	R.T., Automobile road abrasion	NA	NA	NA	NA	NA	NA	0,272	0,468	0,486	0,482	0,471	0,460
1A3a,c,d,e	Off-road transport	0,001	0,001	0,001	0,001	0,000	0,000	0,146	0,174	0,225	0,196	0,199	0,238
1A4	Other sectors (Commercial, institutional, residential, agriculture and fishing stationary and mobile combustion)	8,201	8,919	8,978	9,005	5,083	3,390	82,628	91,086	91,760	92,275	52,383	35,092
1A5	Other	IE/NA	IE/NA	IE/NA	IE/NA	IE/NA	IE/NA	0,321	0,158	0,155	0,151	0,134	0,118
1B	Fugitive emissions (Fugitive emissions from fuels)	0,551	0,003	0,003	0,003	0,003	0,003	2,675	1,130	1,145	0,994	0,986	0,980
2A,B,C,H,I,J,K,L	Industrial Processes	1,066	0,666	0,481	0,238	0,152	0,153	3,280	2,837	2,876	2,716	1,086	1,078
2D, 2G	Solvent and other product use	0,182	0,116	0,100	0,083	0,090	0,091	1,538	1,245	1,433	1,339	1,428	1,490
3B	Animal husbandry and manure management	76,764	55,199	54,938	53,713	29,139	30,964	0,785	0,571	0,584	0,564	1,059	1,093
3B1a	Cattle Dairy	17,584	14,150	13,922	13,701	9,698	10,240	0,329	0,231	0,227	0,224	0,472	0,477
3B1b	Cattle Non-Dairy	8,323	6,797	6,501	6,245	5,004	5,430	0,106	0,072	0,069	0,066	0,140	0,142
3B2	Sheep	3,698	4,944	5,032	4,995	2,090	2,160	0,013	0,017	0,017	0,017	0,209	0,216
3B3	Swine	30,479	16,533	16,424	16,214	5,877	6,057	0,042	0,025	0,024	0,024	0,017	0,018
3B4a	Buffalo	0,193	0,082	0,082	0,084	0,333	0,323	0,012	0,005	0,005	0,005	0,009	0,009
3B4d	Goats	0,275	0,616	0,638	0,645	0,283	1,133	0,001	0,003	0,003	0,003	0,033	0,048
3B4e	Horses	5,838	3,135	2,847	2,857	1,517	1,240	0,058	0,031	0,028	0,028	0,054	0,054
3B4f	Mules and asses	IE	IE	IE	IE	IE	IE	IE	IE	IE	IE	IE	IE
3B4g	Poultry	10,363	8,938	9,486	8,968	4,327	4,371	0,228	0,186	0,209	0,196	0,124	0,128
3B4h	Other	0,011	0,005	0,006	0,005	0,010	0,010	0,002	0,001	0,001	0,001	0,001	0,001
3D	Plant production and agricultural soils	93,241	86,905	85,948	85,333	52,172	60,225	0,403	0,602	0,705	0,703	0,607	0,597
3F,I	Field burning and other agriculture	0,015	0,008	0,009	0,015	0,007	0,003	0,036	0,019	0,022	0,036	0,016	0,008
5	Waste	13,760	8,510	8,184	7,758	6,891	5,147	0,859	1,116	1,545	1,400	1,181	1,097
6A	Other (included in National Total for Entire Territory)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NATIONAL TOTAL	National Total for the entire territory	194,556	161,356	159,663	157,116	94,075	100,506	120,351	110,760	112,119	111,717	65,584	47,704
Emissions 3B and 3 D													
COMPLIANCE TOTAL (NECD)		194,556	161,356	159,663	157,116	94,075	100,506	120,351	110,760	112,119	111,717	65,584	47,704