Table S5. Fuel consumptions and CO_2 emissions from 64 fuel sub-types and cement production in 2007. The emission from cement production is included in the last two rows so as to provide a complete emission inventory. Medians and R_{90} (95th minus 5th percentile range) were used for estimating the emissions and characterizing the uncertainties. CO_2 emission fractions (F) are also listed for individual fuel sub-types. For fuels consumed in power stations, the percentages allocated as point sources are listed in the parenthesis.

Sector	*Type*	*Detailed sub-type*	*Consumption*, EJ/yr	*CO_2*, Tg C/yr	*F*, %	*R_{90}*, Tg C/yr
Energy production	Coal	Anthracite used	0.875 (81%)	22.37	0.19	18.87~25.86
		Coke used	0.765 (76%)	21.00	0.18	17.72~24.29
		Bituminous coal used	90.142 (80%)	2147.28	18.47	1811.35~2482.87
		Lignite used	20.313 (76%)	512.43	4.41	432.28~592.53
		Peat used	0.342 (65%)	9.21	0.08	7.77~10.65
	Petroleum	Gas/Diesel used	2.806 (90%)	49.75	0.43	41.98~57.50
		Residue fuel oil used	7.696 (90%)	136.78	1.18	115.40~158.08
		Natural gas liquids used	0.001(65%)	0.01	0.00	0.01~0.02
	Gas	Dry natural gas used	48.821 (90%)	662.63	5.70	559.04~765.87
		Natural gas flaring	5.348	73.56	0.63	62.05~85.02
	Biomass	Solid biomass used	6.487	150.98	1.30	127.37~174.58
		Biogas used	0.099	5.57	0.05	4.70~6.44
	Wastes	Municipal waste used	0.951 (55%)	21.02	0.18	17.73~24.30
		Industrial waste used	0.222 (51%)	4.76	0.04	4.02~5.51
	Sub-total		**184.704**	**3800.02**	**32.68**	**3205.69~4393.50**
Industry	Coal	Bituminous coal used in coke production	2.345	84.82	0.73	71.59~98.05
		Bituminous coal used in brick production	8.895	216.89	1.87	182.96~250.79
		Anthracite used in aluminum production	0.547 (89%)	18.49	0.16	15.60~21.37
		Anthracite used	1.098	28.42	0.24	23.97~32.86
		Coke used	0.668	18.57	0.16	15.67~21.47
		Bituminous coal used	15.581	374.74	3.22	316.11~433.30
		Lignite used	0.659	16.73	0.14	14.11~19.35
		Peat used	0.031	0.82	0.01	0.70~0.95
	Petroleum	Gas/diesel used	5.847	111.45	0.96	94.03~128.80
		Residue fuel oil used	5.108	102.65	0.88	86.61~118.63
		Crude oil consumed in petroleum refinery	15.683	216.33	1.86	182.52~249.99
		Natural gas liquids used	0.059	0.97	0.01	0.82~1.12
	Gas	Dry natural gas used	46.100	639.56	5.50	539.58~739.27
	Biomass	Solid biomass used	6.487	180.80	1.55	152.53~209.07
		Biogas used	0.099	1.61	0.01	1.36~1.86
	Wastes	Municipal waste used	0.015	0.33	0.00	0.28~0.38
		Industrial waste used	0.226	5.09	0.04	4.29~5.89
	Sub-total		**114.379**	**2018.27**	**17.36**	**1702.72~2333.17**
Residential/ Commercial	Coal	Anthracite	0.074	2.56	0.02	2.15~2.98
		Coke	0.005	0.12	0.00	0.10~0.14
		Bituminous coal	2.620	80.37	0.69	67.50~93.32
		Lignite	0.274	10.07	0.09	8.45~11.69
		Peat	0.018	0.52	0.00	0.44~0.60
	Petroleum	Liquid petroleum gas	4.858	88.98	0.77	75.07~102.84
		Natural gas liquids	0.003	0.05	0.00	0.04~0.06
		Kerosene used	2.496	55.92	0.48	47.18~64.62
	Gas	Dry natural gas	20.048	393.32	3.38	331.83~454.64
	Biomass	Biogas	0.234	3.56	0.03	3.00~4.12
		Firewood	16.255	553.45	4.76	463.80~645.48
		Straw	17.879	375.88	3.23	316.15~435.55
		Dung cake	2.326	54.68	0.47	45.93~63.49
	Wastes	Small-scaled solid waste burning	2.178	48.27	0.42	40.71~55.81
	Sub-total		**72.346**	**1667.74**	**14.34**	**1402.36~1935.34**
Transport--ation	Petroleum	Motor vehicle gasoline	41.862	755.29	6.50	637.21~872.88
		Aviation gasoline	0.057	1.02	0.01	0.86~1.18
		Jet kerosene	4.877	89.56	0.77	75.56~103.51
		Motor vehicle gas/diesel	33.334	634.98	5.46	535.73~733.87
		Oil used by ocean tanker	2.144	35.94	0.31	23.76~47.86
		Oil used by ocean container ships	1.608	26.96	0.23	17.82~35.90
		Oil used by bulk and combined carriers	1.488	25.39	0.22	16.78~33.80
		Oil used by general cargo vessels	2.600	44.36	0.38	29.33~59.07
		Oil used by non-cargo vessels	1.744	30.27	0.26	20.01~40.31
		Oil used by auxiliary engines	0.616	10.76	0.09	7.12~14.33
		Oil used by military vessels	0.355	7.93	0.07	5.25~10.56
	Biomass	Liquid biofuels used by vehicles	2.231	42.44	0.36	35.81~49.05
	Sub-total		**92.916**	**1704.91**	**14.66**	**1405.24~2002.31**
Agriculture	Petroleum	Gas/diesel used in agriculture	6.264	85.27	0.73	71.94~98.55
	Wastes	Open burning of agriculture waste	4.464	145.03	1.25	121.98~168.04
	Sub-total		**10.728**	**230.30**	**1.98**	**193.92~266.59**
Natural sources	Biomass	Biomass burned in forest fires	5.811	193.90	1.67	128.28~258.04
		Biomass burned in deforestation fires	14.570	489.52	4.21	323.86~651.43
		Biomass burned in peat fires	1.372	46.07	0.40	30.48~61.31
		Biomass burned in woodland fires	8.527	286.34	2.46	189.44~381.05
		Biomass burned in savanna fires	28.620	801.64	6.89	530.29~1066.92
	Sub-total		**58.900**	**1817.48**	**15.63**	**1202.36~2418.75**
Fuel total			**533.972**	**11238.72**	**96.65**	**9112.29~13349.65**
		Cement production	0.129	388.99	3.35	328.32~449.67
Total (fuel and cement production)			**534.101**	**11627.71**	**100.00**	**9440.61~13799.32**