

MODULE		ENERGY					
SUBMODULE		Non-CO ₂ From Fuel Combustion By Source Categories(Tier 1)					
WORKSHEET		1_3					
SHEET		1 of 4 CO					
		Step 1 A Fuel Consumption (Tj)					
		A1	A2	A3	A4	A5	A6
Activity		Coal	Natural	Oil	Wood/Wood Waste	Charcoal	Other and Wastes
Energy Industries				47292.33			
Manufactur		5040	996.3486	30034.9914			
Transport	Domestic Aviation			85.1669			
	Road			55677.59/1772.4			
	Railways						
	National Navigation			18.22705			
	Commercial/Institutional		689.78	2499.14441			
	Residential		5221.131	2840.38		46.64	4784
	Agriculture/ Stationary			7798.8367			
	Forestry/ Mobile						
	Fishing						
Other							
Total		5040	6907.2596	90569.07646		46.64	4784
Memo:International Marine Bunkers							
Memo:International Aviation Bunkers				6420.96			

MODULE		ENERGY					
SUBMODULE		Non-CO ₂ From Fuel Combustion By Source Categories(Tier 1)					
WORKSHEET		1_3					
SHEET		2 of 4 CO					
		Step 2 B Emission Factors (Kg/Tj)					
		B1	B2	B3	B4	B5	B6
Activity		Coal	Natural	Oil	Wood/Wood Waste	Charcoal	Other and Wastes
Energy Industries				15			
Manufactur		150	30	10			
Transport	Domestic Aviation			100			
	Road			8000/ 1000			
	Railways						
	National Navigation			1000			
	Commercial/Institutional		50	20			
	Residential		50	20		7000	5000
	Agriculture/ Stationary			20			
	Forestry/ Mobile						
	Fishing						
Other							
Total							
Memo:International Marine Bunkers							
Memo:International Aviation Bunkers				100			

MODULE		ENERGY				
SUBMODULE		Non-CO ₂ From Fuel Combustion By Source Categories(Tier				
WORKSHEET		1_3				
SHEET		3 of 4 CO				
		C1	C2	C3	C4	C5
Activity		Coal	Natural Gas	Oil	Wood/Wood Waste	Charcoal
Energy Industries		0	0	709385	0	0
Manufactur		756000	29890.458	300349.9	0	0
Transport	Domestic Aviation	0	0	8516.69	0	0

	Road	0	0	4.47E+08	0	0
	Railways	0	0	0	0	0
	National Navigation	0	0	18227.05	0	0
	Commercial/Institutional	0	34489	49982.89	0	0
	Residential	0	261056.55	56807.6	0	326480
	Agriculture/ Stationary	0	0	155976.7	0	0
	Forestry/ Mobile	0	0	0	0	0
	Fishing	0	0	0	0	0
Other		0	0	0	0	0
Total		756000	325436.008	4.48E+08	0	326480
	Memo:International Marine Bunkers					
	Memo:International Aviation Bunkers			642096		

MODULE		ENERGY	
SUBMODULE		Non-CO ₂ From Fuel	
		Source Categories	
WORKSHEET		1_3	
SHEET		4 of 4 CO	
Activity		C6	D Total (Gg) D=(sum Other and
Energy Industries		0	0.709385
Manufactur		0	1.0862404
Transport	Domestic Aviation	0	0.0085167
	Road	0	447.19318
	Railways	0	0
	National Navigation	0	0.0182271
	Commercial/Institutional	0	0.0844719
	Residential	2.4E+07	0.6443442
	Agriculture/ Stationary	0	0.1559767
	Forestry/ Mobile	0	0
	Fishing	0	0
Other		0	0
Total		2.4E+07	449.90034
			0
	Memo:International Marine Bunkers		
	Memo:International Aviation Bunkers		0