

MODULE		ENERGY					
SUBMODULE		Non-CO ₂ From Fuel Combustion By Source Categories(Tier 1)					
WORKSHEET		1_3					
SHEET		1 of 4 NMVOC					
Activity		Step 1 A Fuel Consumption (Tj)					
		A1 Coal	A2 Natural	A3 Oil	A4 Wood/Wood Waste	A5 Charcoal	A6 Other Biomass 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 NMVOC					
Activity		Step 2 B Emission Factors (Kg/Tj)					
		B1 Coal	B2 Natural	B3 Oil	B4 Wood/Wood Waste	B5 Charcoal	B6 Other Biomass and Wastes
Energy Industries				5			
Manufactur		20	5	5			
Transport	Domestic Aviation			50			
	Road			1500 / 200			
	Railways						
	National Navigation			200			
	Commercial/Institutional		5	5			
	Residential		5	5		100	600
	Agriculture/ Stationary			5			
	Forestry/ Mobile						

	Fishing					
Other						
Total						
	Memo:International Marine Bunkers					
	Memo:International Aviation Bunkers			50		

MODULE		ENERGY				
SUBMODULE		Non-CO ₂ From Fuel Combustion By Source Categories(Tier 1)				
WORKSHEET		1_3				
SHEET		3 of 4 NMVOC				
Activity		Step 3 C Emissions by Fuel (Kg) C=(A*B)				
		C1	C2	C3	C4	C5
		Coal	Natural Gas	Oil	Wood/Wood Waste	Charcoal
Energy Industries		0	0	236461.7	0	0
Manufactur		100800	4981.743	150175	0	0
Transport	Domestic Aviation	0	0	4258.345	0	0
	Road	0	0	83870877	0	0
	Railways	0	0	0	0	0
	National Navigation	0	0	3645.41	0	0
	Commercial/Institutional	0	3448.9	12495.72	0	0
	Residential	0	26105.655	14201.9	0	4664
	Agriculture/ Stationary	0	0	38994.18	0	0
	Forestry/ Mobile	0	0	0	0	0
Fishing	0	0	0	0	0	
Other		0	0	0	0	0
Total		100800	34536.298	84331109	0	4664
	Memo:International Marine Bunkers					
	Memo:International Aviation Bunkers			321048		

MODULE		ENERGY	
SUBMODULE		Non-CO ₂ From Fuel Source Categories	
WORKSHEET		1_3	
SHEET		4 of 4 NMVOC	
Activity		D Total (Gg) D=(sum	
		C6	
		Other and	
Energy Industries		0	0.2364617

Manufactur		0	0.2559567
Transport	Domestic Aviation	0	0.0042583
	Road	0	83.870877
	Railways	0	0
	National Navigation	0	0.0036454
	Commercial/Institutional	0	0.0159446
	Residential	2870400	0.0449716
	Agriculture/ Stationary	0	0.0389942
	Forestry/ Mobile	0	0
	Fishing	0	0
Other		0	0
Total		0	84.471109
		0	0
Memo:International Marine Bunkers			
Memo:International Aviation Bunkers			0.321048