MODULE	**ENERGY**
SUBMODULE	**SO_2 From Fuel Combustion By Source Categories(Tier 1)**
WORKSHEET	**1_4**
SHEET	**1of 1Sector**

Transport		**A** Fuel Consumption (Tj)	**B** Sulphur Content of Fuel (%)	**C** Sulphur retention in ash (%)	**D** Abatement Efficiency (%)	**E** Net Calorific Value (Tj/kt)	**F** SO2 Emission factor (Kg/Tj)	**G** Emissions (t)
Fuel Type							F=2*(B/100)*(1/E)*(10	G=(A*F)/1000
Coal	low							
	medium		1.5	5	1	28	1007.67857	0
	high							
Heavy Fuel Oil	low							
	medium		2	1	1	40.19	975.466534	0
	high							
Light Fuel Oil/	low							
diesel	high		1	1	1	43.33	452.388645	0
Diesel(road)		1772.45698	0.3	1	1	43.33	135.716594	240.5518236
Gasoline(road)		55677.5878	0.1	1	1	44.8	43.7544643	2436.143029
Jet Kerosene		85.1669	0.05	1	1	44.59	21.9802646	1.871991
Diesel(National Navigation)		1.2652	0.3	1	1	43.33	135.716594	0.171708634
Gasoline(National Navigation)		16.9618	0.1	1	1	44.8	43.7544643	0.742154472
Natural Gas								
Municipal Waste			0.003	1	1			
Industrial Waste								
Black Liquor								
Fuelwood			0.2	1	1			
Other Biomass								
Total		57553.4387						2679.480706
Memo: Fuels for International Marine Bunkers								
Memo: Fuels for International Aviation Bunkers		6420.96	0.05	1	1	44.59	21.9802646	141.1344