

MODULE		ENERGY						
SUBMODULE		SO <sub>2</sub> From Fuel Combustion By Source Categories(Tier 1)						
WORKSHEET		1_4						
SHEET		1 of 1 Sector						
Agriculture/forestry/ fishing		A Fuel Consumption (Tj)	B Sulphur Content Fuel (%)	C Sulphur retention ash (%)	D Abatement Efficiency (%)	E Net Calorific Value (Tj/kt)	F SO <sub>2</sub> factor (Kg/Tj)	G Emissions (t)
Fuel Type							$F=2*(B/100)^{(1/E)*}$ (10)	$G=(A*F)/1000$
<b>Coal</b>	low							
	medium		1.5	5	1	28	1007.67857	
	high							
<b>Heavy Fuel Oil</b>	low							
	medium		2	1	1	40.19	975.466534	
	high							
<b>Light Fuel</b>	low							
	high	7798.8367	1	1	1	43.33	452.388645	3528.10517
Diesel(road)			0.3	1	1	43.33	135.716594	
Gasoline(road)			0.1	1	1	44.8	43.7544643	
Jet Kerosene			0.05	1	1	44.59	21.9802646	
Oil Shale								
Other Oil								
Natural Gas								
Municipal Waste			0.003	1	1			
Industrial Waste								
Black Liquor								
Fuelwood			0.2	1	1			
Other Biomass								
Total		7798.8367						3528.10517
Memo: Fuels for International Marine Bunkers								
Memo: Fuels for International Aviation Bunkers			0.005	1	1			