

Annex 1 - Worksheets for 1.B.1.a.i and 1.B.1.a.ii

1.B.1.a.i

Sector	Energy						
Category	Solid Fuels - Coal Mining and Handling - Underground Mines						
Category Code	1B 1 a i						
Sheet	1of 3 (CH <sub>4</sub> and CO <sub>2</sub> emissions from underground mining activities)						
<i>CH<sub>4</sub> Emissions</i>							
	A Amount of Coal Produced  (tonne)	B Emission Factor  (m <sup>3</sup> tonne <sup>-1</sup> )	C Methane Emissions  (m <sup>3</sup> ) C = A*B	D Conversion Factor  (Gg CH <sub>4</sub> m <sup>-3</sup> )	E Methane Emissions  (Gg CH <sub>4</sub> ) E=C*D	F Methane Recovered  (Gg CH <sub>4</sub> )	G Methane Emissions to be Reported  (Gg CH <sub>4</sub> ) G=E-F
Mining (1.B.1.a.i.1)				0.67x10 <sup>-6</sup>			
Post-Mining (1.B.1.a.i.2)				0.67x10 <sup>-6</sup>			
<i>CO<sub>2</sub> Emissions</i>							
	A Amount of Coal Produced  (tonne)	B Emission Factor  (m <sup>3</sup> tonne <sup>-1</sup> )	C CO <sub>2</sub> Emissions  (m <sup>3</sup> ) C=A*B	D Conversion Factor  (Gg CO <sub>2</sub> m <sup>-3</sup> )	E CO <sub>2</sub> Emissions  (Gg CO <sub>2</sub> ) E=C*D		
Mining (1.B.1.a.i.1)				1.83x10 <sup>-6</sup>			
Post-Mining (1.B.1.a.i.2)				1.83x10 <sup>-6</sup>			

1.B.1.a.1

Sector	Energy						
Category	Solid Fuels - Coal Mining and Handling - Underground Mines						
Category Code	1B 1 a i						
Sheet	2 of 3 (Methane emissions from abandoned coal mines)						
<i>CH<sub>4</sub> Emissions</i>							
Closure Interval  (e.g., 1901-1925)	A Number of Abandoned Mines	B Fraction of Gassy Coal Mines	C Emission Factor  ( m <sup>3</sup> year <sup>-1</sup> )	D Conversion Factor  (Gg CH <sub>4</sub> m <sup>-3</sup> )	E Methane Emissions  (Gg CH <sub>4</sub> ) E=A*B*C*D	F Methane Recovered  (Gg CH <sub>4</sub> )	G Methane Emissions to be Reported (Gg CH <sub>4</sub> ) G=E-F
				0.67x10 <sup>-6</sup>			
				0.67x10 <sup>-6</sup>			
				0.67x10 <sup>-6</sup>			
				0.67x10 <sup>-6</sup>			
				0.67x10 <sup>-6</sup>			
				<b>Total</b>			

## 1.B.1.a.i

Sector	Energy				
Category	Solid Fuels - Coal Mining and Handling - Underground Mines				
Category Code	1B 1 a i				
Sheet	3 of 3 (CO <sub>2</sub> emissions and unburnt CH <sub>4</sub> emissions from drained methane flared or catalytically oxidised)				
<i>CO<sub>2</sub> emissions from CH<sub>4</sub> flaring</i>					
	A Volume of Methane Combusted  (m <sup>3</sup> )	B Conversion Factors  (Gg CH <sub>4</sub> m <sup>-3</sup> )	C Factor to Take Account of Combustion Efficiency	D Stoichio-metric Mass Factor	E Emissions  (Gg) E=A*B*C*D
CO <sub>2</sub>		0.67x10 <sup>-6</sup>	0.98	2.75	
CH <sub>4</sub>			0.02	1	

## 1.B.1.a.ii

Sector	Energy				
Category	Solid Fuels - Coal Mining and Handling - Surface Mines				
Category Code	1B 1 a ii				
Sheet	1of 1 (CH <sub>4</sub> and CO <sub>2</sub> emissions from surface mining activities)				
<i>CH<sub>4</sub> Emissions</i>					
	A Amount of Coal Produced (tonne)	B Emission Factor  (m <sup>3</sup> tonne <sup>-1</sup> )	C Methane Emissions  (m <sup>3</sup> ) C = A*B	D Conversion Factor  (Gg CH <sub>4</sub> m <sup>-3</sup> )	E Methane Emissions  (Gg CH <sub>4</sub> ) E=C*D
Mining (1.B.1.a.ii.1)				0.67x10 <sup>-6</sup>	
Post-Mining (1.B.1.a.ii.2)				0.67x10 <sup>-6</sup>	
<i>CO<sub>2</sub> Emissions</i>					
	A Amount of Coal Produced (tonne)	B Emission Factor  (m <sup>3</sup> tonne <sup>-1</sup> )	C CO <sub>2</sub> Emissions  (m <sup>3</sup> ) C=A*B	D Conversion Factor  (Gg CO <sub>2</sub> m <sup>-3</sup> )	E CO <sub>2</sub> Emissions  (Gg CO <sub>2</sub> ) E=C*D
Mining (1.B.1.a.ii.1)				1.83x10 <sup>-6</sup>	
Post-Mining (1.B.1.a.ii.2)				1.83x10 <sup>-6</sup>	