KRA Resource Efficiency Roadshow

Reporting Tool Introduction

- *Communication Tool*

- *Version 2 will have carbon calculations*

- *Emissions Source*

- *Iterative process*

- *Boundaries agreed each reporting period*

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Definitions

- *Emission Group: Energy*

- *Emission Sub-group: Liquid Fuel*

- *Emissions Source: Diesel*

1	Energy	1.1	Liquid Fuel	1.1.1	Diesel
				1.1.2	Biodiesel
				1.1.3	Unleaded Petrol
		1.2	Gas Fuel	1.2.1	LPG
				1.2.2	Natural Gas
		1.3	Electricity	1.3.1	On network
				1.3.2	Compounds, Depots, Offices
		1.4	Other Emissions	1.4.1	Other Emissions

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Readme
Instructions on use
Example cases
Must read

Details
Who
Where
When

Input
Data entry

Lookup

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Input – Source, Units & Guidance

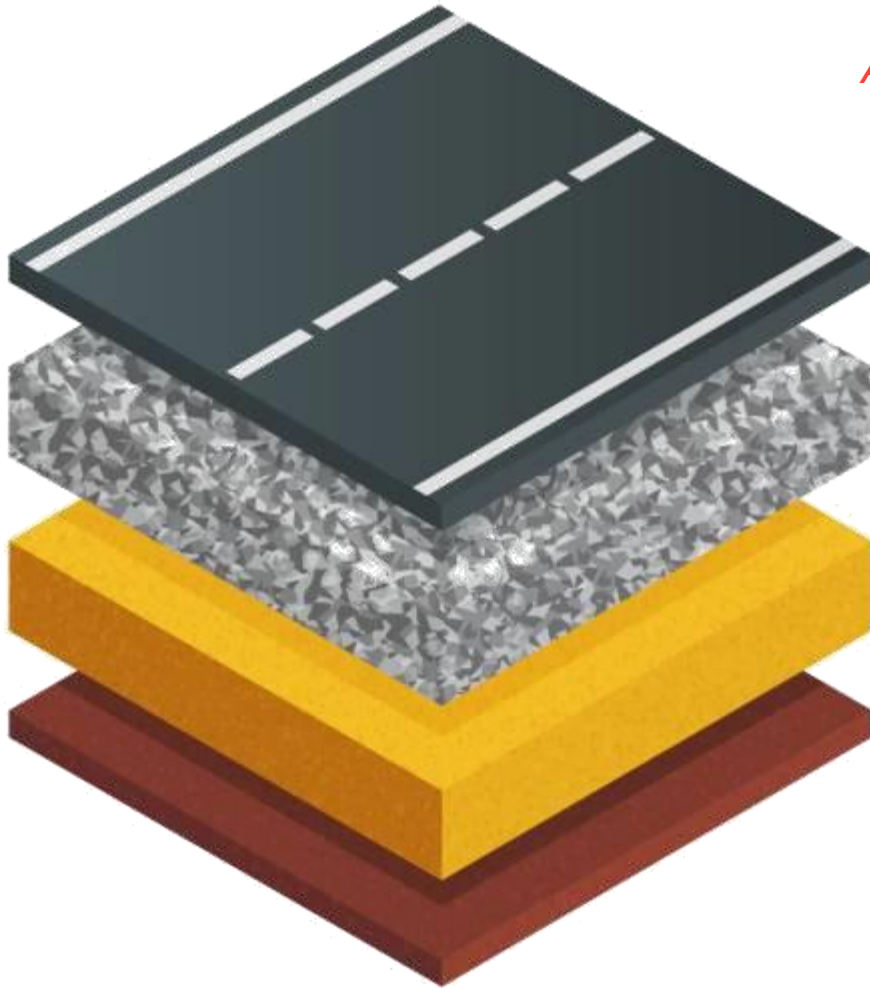| Emission Group		Emission Sub-Group		Emission Source		Units	Guidance
1	Energy	1.1	Liquid Fuel	1.1.1	Diesel	L	Fuel used on site for vehicles as well as generators/heating etc
				1.1.2	Biodiesel	L	
				1.1.3	Unleaded Petrol	L	
		1.2	Gas Fuel	1.2.1	LPG	kg	
				1.2.2	Natural Gas	kWh	
		1.3	Electricity	1.3.1	On network	kWh	Electricity use for streetlights etc on sight
				1.3.2	Compounds, Depots, Offices	kWh	On site offices (both temporary and etc using electricity)
		1.4	Other Emissions	1.4.1	Other Emissions	tCO2e	Any other on-site energy calculated to tCO2e with workings included in notes
2	Transport (if not included in Energy item above)	2.1	Transport	2.1.1	Diesel	L	Diesel mobile combustion
				2.1.2	Biodiesel	L	Biodiesel mobile combustion
				2.1.3	Unleaded Petrol	L	Petrol mobile combustion
				2.1.4	Approximate total	tkm	Tonne kilometre (approx), distance travelled by vehicle x weight loaded, for vehicles which are unloaded multiply by 1. Not required to fill if transport has been accounted for in mobile combustion emission sources above or in energy emissions group

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Input – Amount, Data reliability, Notes

Amount											
May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr

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Input – Carbon Emission Groups

Asphalt mix, Aggregates/Bitumen

Aggregates, Pavement Stab

Aggregates, Pavement Stab

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Input – Non-Carbon Emission Groups

3	Water	3.1	Water	3.1.1	Potable water	L	Litres of water used from potable mains for all activities
				3.1.2	Non-Potable water	L	Litres of water used from non-municipal sources for all activities
4	Waste	4.1	Landfill	4.1.1	Asphalt	t	Total tonnes of waste material generated by maintenance activities sent to landfill. Specify other materials in notes if known
				4.1.2	Concrete	t	
				4.1.3	Other materials	t	
				4.1.4	Road side litter	t	Litter picked up on the network and sent to landfill
				4.1.5	Office/Depot	t	Total tonnes of waste generated by offices and depots that is sent to landfill
		4.2	Cleanfill	4.2.1	Cleanfill	t	Total tonnes of clean fill waste
		4.3	Managed fill	4.3.1	Managed fill	t	Total tonnes of managed fill waste
		4.4	Reuse / Recycle	4.4.1	Aluminium	t	Total tonnes of waste material that is reused (on any network) or sent to a plant to be recycled (not sent to landfill)
				4.4.2	Steel	t	
				4.4.3	Asphalt	t	
				4.4.4	Concrete	t	
		4.5	Other Emissions	4.5.1	Other Emissions	tCO2e	Other waste emissions calculated to tCO2e with workings included in notes

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Thank you

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