GHG CALCULATOR - INSTRUCTIONS GUIDE

Step 1: INPUT MODE

Two Input modes are available, Direct and Multi-modal. 'Direct' provides a direct comparison between rail and road for a one-leg trip. Multi-modal allows selecting a trip with multiple legs involving different modes of travel.

Choose Input mode

◉ **Direct**

○ **Multi-modal**

Step 2: SHIPMENT INFORMATION

Select the relevant commodity type from the drop down list. For the selected commodity, weight has to be entered which could either be in terms of Tonnes or Kg.

For containers, the weight is in TEU.

Shipment Information

Commodity	Select Commodity ⌄
Weight	250
Unit	Tonnes ⌄

Step 3: TRIP INFORMATION

Input Mode: Direct

Trip Information

Origin	Search Origin...
Destination	Search Destination...

Under this option, origin and destination can be selected from the search option. Shortest route is considered for direct mode.

For rail and road, two options have been provided for cost calculations; first, default value option and second, manual value option. You can select either option from the drop-down list under road and rail.

- *Default Value*

Transport Mode

Road
View Default Values

Use Default Value ⌄

Rail
View Default Values

Use Default Value ⌄

For this option, direct calculations will be conducted from the default values, enabled by the calculator.

- *Manual Value*

For road, select an appropriate truck size from the drop-down list. Enter the truck rental cost and miscellaneous cost (if any). *Please note that these values are in Rupees per tonne km.*

For rail, enter the *total* rail tariff (in rupees), terminal access charges, handling charges, first and last mile charges. *Please note that these values are in rupees per tonne.*

Input Mode: Multi-Modal

Under this option, origin and destination can be selected from the search option for first mile, main haul and last mile segments. This enables you to specify a particular route for a particular transport mode. Further, the cost calculation values can be carried out based on the default values or values can be manually entered.