GREENHOUSE GAS PROTOCOL

This tool works without the need to adjust its default settings. However, if you have more specific information, you can change the following:

1 Global Warming Potentials (GWPs)

GWPs compare the climate impact of different greenhouse gases with that of CO_2, and they are used to calculate emisisons in terms of CO_2-equivalents. As scientific understanding advances, the GWP values of GHGs can change. By default, this tool uses the GWP values from the IPCC's Fifth Assessment Report (2014), but you can use other GWP sets:

Please select a GWP set: 2014 IPCC Fifth Assesment Report

Note: The Fifth Assessment Report GWP values used in this tool exclude climate–carbon feedbacks for non-CO2 emissions. Use of the latest GWP values is recommended.

2 Custom emission factors

This tool uses default emission factors from the 2006 IPCC Guidelines for National Greenhouse Gas Inventories. If you want to use your own emission factors, please enter them below. Your emission factors can be accessed in the spreadsheet by selecting the 'My fuels' category.

Fuel	Type of fuel	Emission factors			Units of emission factors		Heating value basis	Notes
		CO_2	CH_4	N_2O	Numerator (e.g., kg GHG)	Denominator (e.g., tonne fuel)		