Calculate your building's total carbon emissions.

The PHN PHribbon allows Passive House designers to calculate total cradle-to-grave building carbon emissions, for buildings located in the US, within the Passive House Planning Package (PHPP) tool.

By utilizing the PHPP and PHN PHribbon, building designers have an unparalleled ability to connect design and construction choices to carbon emissions outcomes. With the PHN PHribbon designers can optimize their building designs to address our climate emergency.

As with the PHPP itself, all calculations in the PHN PHribbon are transparent and viewable.

The PHN PHribbon is written by Tim Martel, a Certified Passive House Designer and Chartered Architectural Technologist, and produced by the Association for Environment Conscious Building (AECB), in collaboration with The Passive House Network.

The data inputs are by the nature of the emerging focus on embodied carbon values, incomplete. Industry-standard assumptions may be utilized. Where US data is unavailable, when appropriate, data or assumptions may be sourced from European sources such as the RICS Building Carbon Database. Annually, as new data becomes accessible the PHribbon will be updated to incorporate the latest available data.

The PHN PHribbon is made possible in part by the generous support of:

Find out more at www.naphnetwork.org/phribbon/