

ABSTRACT

Disclosed is a method for assessing carbon footprints of products, including the following steps: setting product basic data of a product; obtaining a product category rule corresponding to the product; providing an input interface that allows a user to set activity data of each assessment item at each life cycle stage; providing a distribution principle setting module that allows the user to set a distribution ratio of each of the assessment items used for the product; obtaining an emission factor of a greenhouse gas corresponding to each assessment item from an emission factor database; and calculating an emission quantity of the greenhouse gas of each of the assessment items, calculating a stage-based emission quantity of the greenhouse gas during each of these life cycle stages, and calculating a total emission quantity of the greenhouse gas of the product.

FIG. 2