

ABSTRACT

Disclosed are a system for assessing carbon emissions in transportation, which comprises a server connected to an electronic device and a geographic information system, and a method for assessing carbon emissions in transportation comprising the following steps: connecting the server through the electronic device, and establishing a plurality of transportation data corresponding to a plurality of targets in the server; transmitting, by the server, a place of departure and a place of destination of each of the transportation data to a geographic information system, and obtaining a transportation distance of each of the targets through the geographic information system; calculating, by the server, a total transportation distance of these targets during a period of assessment according to these transportation distances of these targets; and calculating, by the server, an emission quantity of greenhouse gases of these targets during the period of assessment according to an emission factor corresponding to a transport type and the total transportation distance.

Fig. 2