

ABSTRACT

An automated carbon asset network system (30) and a carbon asset management method are provided. The automated carbon asset network system (30) includes a carbon asset management digital platform (300) realizing a carbon inventory executed for an enterprise through a computer system, and the carbon asset management digital platform (300) includes a carbon asset network establishing module (301), a carbon asset network connection module (303), and a carbon asset network update module (305). The carbon asset management method includes: receiving data for stakeholders (311), internal or external carbon asset management digital platform (312, 313), carbon asset management report formats (314, 315), and carbon inventory obtained through automated customized questionnaires (316), by using the application program interface (310); automatically integrating carbon inventory data for supply chains and performing version control; digitally managing a full scope of an organizational greenhouse gas inventory and product carbon footprint information throughout product life cycles for brands in the enterprise; and generating documents according to requirements.

(Figure 3)