Abstract

An automated or computer-implemented sustainability management method and system implemented as a node in a blockchain network are provided. Any and all sensor-measured data from energy assets at various locations and carried over proprietary protocols or otherwise, are standardized and automatically streamed to the sustainability management system. The sensor-measured data is used by the sustainability management system to generate carbon emission report and other report or data, and by a verification entity to verify or certify the carbon emission report and other report or data. The sustainability management system is also connectable to carbon registry and carbon exchange for certification and transaction.

Figure 1 (representative figure)