WHAT IS CLAIMED IS:

1. A method of providing a battery replacement service, to replace a battery of an electric vehicle, the method comprising:

collecting, by a battery data collection unit, data about a battery installed in the electric vehicle;

collecting, by an electric vehicle data collection unit, data about the electric vehicle;

determining, by a battery replacement target determination unit, a target battery to be replaced among a plurality of batteries assigned with identification data by a battery management unit;

determining, by a battery replacement timing determination unit, a replacement timing of the target battery;

determining, by a battery replacement place determination unit, a replacement place of the target battery; and

providing, by a battery replacement service providing unit, a replacement service for the target battery;

wherein the determining, by the battery replacement target determination unit of the target battery includes any one of:

determining, by the battery replacement target determination unit, the target battery based on route data and battery charge amount data;

determining, by the battery replacement target determination unit, the target battery based on predicted route data generated by the battery replacement target determination unit, the battery charge amount data, and a first battery threshold value; or

determining, by the battery replacement target determination unit, the target battery based on user charging data and a second battery threshold value,

wherein the first battery threshold value is determined in consideration of a battery environment, a driving environment, and a vehicle driving habit, and

the second battery threshold value is determined in consideration of a charge amount at a time when the battery of the electric vehicle has been replaced in the past,

wherein the route data, driving environment, and vehicle driving habit form part of data about the electric vehicle collected by the electric vehicle data collection unit; and

wherein the battery charge amount data, battery environment and charge amount at the time when the battery of the electric vehicle has been replaced in the past, form part of data about the battery collected by the battery data collection unit.

2. The method of claim 1, wherein:

the battery replacement service providing unit provides a first-type battery replacement service and a second-type battery replacement service;

the first-type battery replacement service is a replacement service for a first-type battery in which a user's battery value is not considered; and

the second-type battery replacement service is a replacement service for a second-type battery in which a change in the user's battery value is considered.

3. A battery replacement system for executing a method of providing a battery replacement service to replace a battery of an electric vehicle, the battery replacement system comprising:

a battery data collection unit configured to collect data about a battery installed in the electric vehicle;

an electric vehicle data collection unit configured to collect data about the electric vehicle;

a battery replacement target determination unit configured to determine a target battery to be replaced among a plurality of batteries assigned with identification data by a battery management unit;

a battery replacement timing determination unit configured to determine a replacement timing of the target battery;

a battery replacement place determination unit configured to determine a replacement place of the target battery; and

a battery replacement service providing unit configured to provide a replacement service for the target battery;

wherein the battery replacement target determination unit is configured to execute any one of:

determining the target battery based on route data and battery charge amount data,

determining the target battery based on predicted route data generated by the battery replacement target determination unit, the battery charge amount data, and a first battery threshold value, and

determining the target battery based on user charging data and a second battery threshold value;

the first battery threshold value is determined in consideration of a battery environment, a driving environment, and a vehicle driving habit; and

the second battery threshold value is determined in consideration of a charge amount at a time when the battery of the electric vehicle has been replaced in the past,

wherein the route data, driving environment, and vehicle driving habit form part of data about the electric vehicle collected by the electric vehicle data collection unit; and

wherein the battery charge amount data, battery environment and charge amount at the time when the battery of the electric vehicle has been replaced in the past, form part of data about the battery collected by the battery data collection unit.

4. The battery replacement system of claim 3, wherein:

the battery replacement service providing unit provides a first-type battery replacement service and a second-type battery replacement service;

the first-type battery replacement service is a replacement service for a first-type battery in which a user's battery value is not considered; and

the second-type battery replacement service is a replacement service for a second-type battery in which a change in the user's battery value is considered.