LITHIUM-ION BATTERY RECYCLING PRIZE

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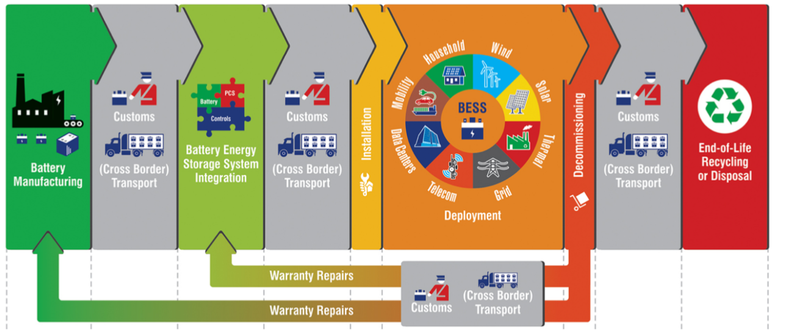

Concept

- **The Uber platform for reverse logistics**: a conveniently accessible, industry wide waste batteries recycling marketplace which enables easy access to market participants and connects owners of waste batteries with reverse logistics service providers (Renewance Connect®).
- **Improving access to and utilization of the existing and evolving infrastructure** capacity to service battery reverse logistics (decommissioning, transportation, recycling).
- Enabling market mechanism to drive more competition and efficiency gains by **resolving current inefficiencies in connecting of supply and demand**.

Approach

- Renewance has expertise and experience in decommissioning, reverse logistics and recycling of waste batteries. We want to automate that expertise and make the network of qualified suppliers readily accessible to owners of waste batteries.
- A comprehensive repository of battery modules placed on market and smart algorithms provides insights to volume aggregation opportunities by chemistry, form factor and location enabling more efficient reverse logistics and lower cost for all parties.
- Access to a comprehensive repository of applicable regulations and compliance guidance minimizes the reluctance of potential logistics suppliers to offer reverse logistics for class 9 miscellaneous hazardous materials and thus will increase competition.

Potential Impact

- Highly efficient reverse logistics enabled by market supply-demand mechanism and better insights to volume aggregation opportunities.
- Certified and trusted reverse logistics participants ensures quality of compliance and service.
- Improved access to and more competition between reverse logistics suppliers will drive better efficiency throughout reverse logistics supply chain, lower overall cost, leading to higher % recycling rate.