



# RENEWANCE

## STEWARDSHIP OPERATIONALIZED

NAATBATT Member Update  
February 2022



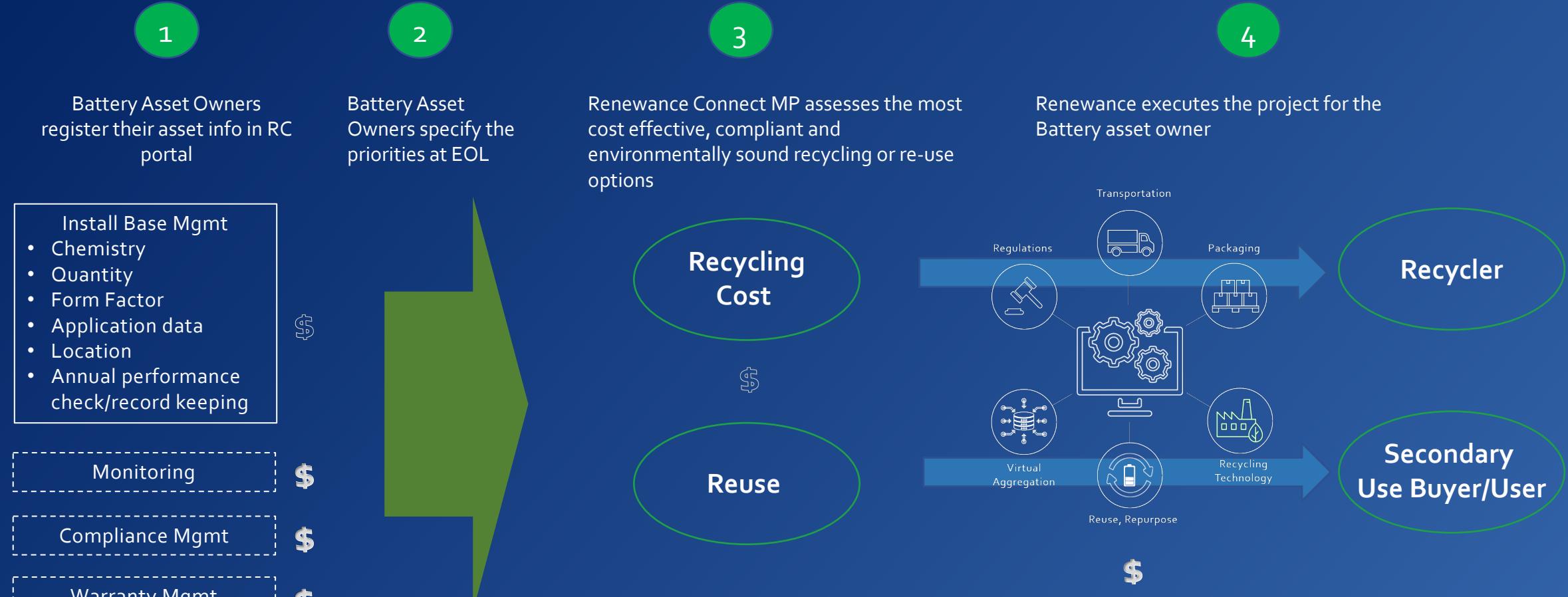
# Company Overview

Established in 2015 by an experienced team from the Energy Storage/Battery Industry  
HQ in Chicago

## Lifecycle of Energy Storage Systems ( Stationary & Motive)

	Planning	Operation	End of Life
Renewance Offering	<p>Consulting services</p> <ul style="list-style-type: none"><li>• RFP Planning</li><li>• Contract review for End of Life liabilities</li><li>• Decommissioning plans &amp; estimates</li></ul>	<ul style="list-style-type: none"><li>• ESS Commissioning Services</li><li>• ESS O&amp;M services &amp; Support</li></ul> <p>CATL North American Service Partner for Stationary Storage Systems</p> <p>Asset Management SaaS specifically built around Energy Storage / Batteries Stewardship</p> <ul style="list-style-type: none"><li>• Warranty Mgmt</li><li>• Compliance Mgmt</li><li>• Monitoring &amp; Analytics</li><li>• ES Performance recording</li></ul>	<ul style="list-style-type: none"><li>• Evaluate Recycle or Reuse of batteries through data on batteries and transactions</li><li>• Recycle<ul style="list-style-type: none"><li>• Turnkey decommissioning projects</li><li>• Project manage &amp; execute battery recycling via RC ESS Decommissioning (Turnkey projects) &amp; recycling</li></ul></li><li>• Reuse<ul style="list-style-type: none"><li>• Develop responsible reuse solutions</li><li>• Application of reused batteries in energy storage augmentation</li></ul></li></ul>

# Renewance Connect™ Overview



# RECOGNITION



U.S. DEPARTMENT OF  
**ENERGY**

## DOE Announces Phase 1 Winners of Battery Recycling Prize

**Renewance selected as winner of Phase 1 and Phase 2 of Battery Recycling Prize.**

The \$5.5-million, three-phased Lithium-Ion Battery Recycling Prize was announced by Secretary of Energy Rick Perry January 2019.

*"This prize encourages American entrepreneurs, like these prize winners, to find innovative solutions to collecting, storing, and transporting discarded lithium-ion batteries for eventual recycling," said **Daniel R Simmons**, DOE's Assistant Secretary for the Office of Energy Efficiency and Renewable Energy.*



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# Renewance Products & Solutions

Planning

Operation

End of Life

- Alerts programmed based on related regulations to ensure compliance over the life of the asset
- Other time-based alerts can be programmed (e.g. ongoing maintenance)



- Claim Management – Submission & Clearing of Warranty claims with Supplier (OEM/Integrator)
- Warranty Data Submission – if Modus connection in place, then battery logs can be attached
- Fulfillment - Turnkey execution of removal / replacement with new component



- 24 x 7 monitoring capabilities.
- Service team alerted
- First level of support via Call Center
- MODBUS interface or API connection from asset owner software system to Renewance

## Install Base Management

- Central repository of all assets (Batteries & other equipment)
- Dashboards to monitor status of all assets

# Options for Lithium ion battery asset owner at End of Life

Planning

Operation

End of Life

