



CALL2RECYCLE OVERVIEW

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About Call2Recycle

- Non-profit founded in 1994 to address the emergence of EPR legislation, operating with a commitment to safety and environmental excellence.
- Funded primarily by battery and battery-containing product manufacturers (our Stewards) and, more recently, fee-based services, to responsibly collect and recycle batteries at end of life across the U.S.
- In the U.S., we're primarily a voluntary program except in certain states (e.g., VT, MN, NY) where we design and administer all features of a battery stewardship program (public education, collection, and recycling) where collections of some (but not always all) chemistries are mandated.



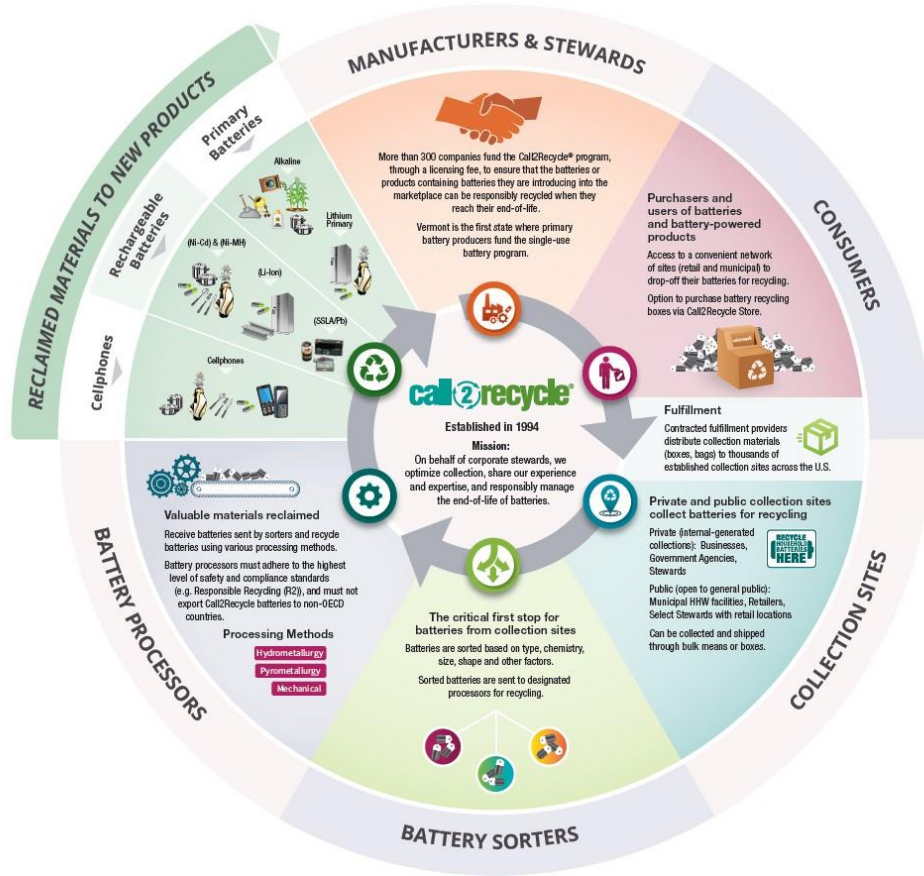
Our Purpose

Call2Recycle's purpose is to safely transition communities to a battery-powered world through climate-responsible solutions.



Delivering on Our Purpose

How the Program Works



Capabilities



Stewardship Services

Fulfills manufacturer obligations in the U.S., including compliance with extensive state and federal regulations.



Collection & Recycling

Private or Public Collection Program; small or large quantities; flexible, safe and convenient options; batteries ranging from consumer type to electric transport (e-bikes and EVs)



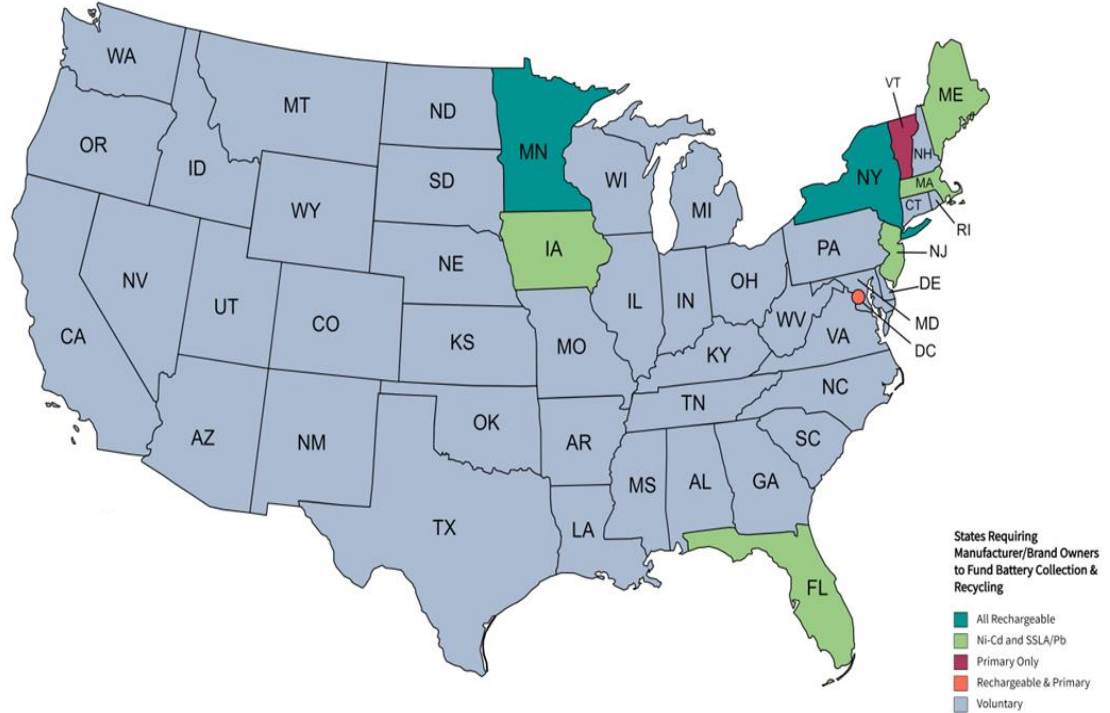
Safety Services & Solutions

Customized safety solutions for battery & product returns, damaged, defective, or recalled batteries; safe handling, storage, and shipping



Battery Laws

Requiring Producers to Fund Collection & Recycling

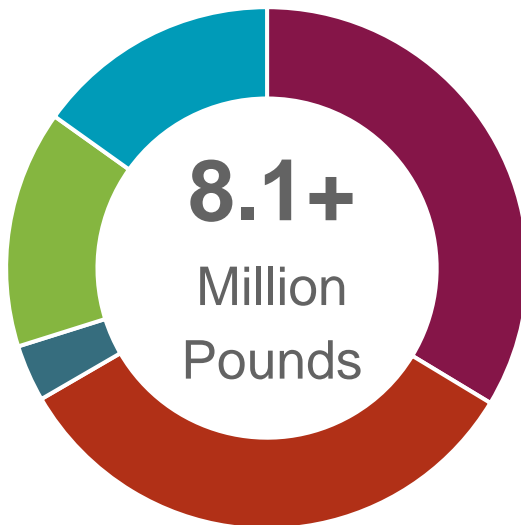


Current State

2021 U.S.
Battery Collections &
Accessibility



84% of the U.S. population lives within 10-miles of an available Call2Recycle collection site



- Single-Use (34%)
- Li-Ion (33%)
- Ni-MH (3%)
- Ni-Cd (15%)
- SSLA/Pb (15%)

140+ million pounds
collected and recycled since inception



Future State

Trends Shaping Battery
Collection & Recycling

Proliferation of Technology

Regulations

End-of-Life Management

- *Right to Repair*
- *Recycling vs. Reuse*



Proliferation of Technology

Diverse Applications

Climate action and other market forces are accelerating the adoption of batteries across all major sectors:

- Consumer Electronics
- Outdoor Power Equipment
- Smart Homes
- Wearables
- E-Transport
 - E-Bikes
 - EVs
- Energy Storage
- And....the list continues



Proliferation of Technology

Embedded Devices



More challenging
to recycle



More costly to
recover



Proliferation of Technology

Battery Advancements

→ Chemistry

→ Solid State

→ Recycling
Developments



Proliferation of Technology

Safety

*Everyone has a safety role to play
throughout the battery journey*



Uninformed Comfort



End-of-life classification



Energy



Mixed Messaging



Financial Responsibility



Regulations

Growing number of battery-related fires driving more diverse and complex requirements



Innovation & Technology
Outpacing Current Laws



Batteries are being looked
at across multiple States



Shipping



End-of-Life Management

Recycling vs. Reuse

- After original use, key factors must be considered on whether to reuse or recycle.
- Reuse market is emerging but not well defined and not well understood by policy makers
- They will at some point reach their end-of-life and need to be recycled.
- Who is really responsible?

Right to Repair

- Sustainability vs. Safety
-



Collection Strategies

- Convenience & Accessibility
- Collection Site 'Pain Points'
- Ensuring safety along the entire journey



The Path Forward



Batteries are key to the electrification of the economy

However, in order for these efforts to succeed, safety and logistics challenges and regulatory intricacies must be overcome to establish a sustainable, efficient system.



Call2Recycle's goal with the massive battery growth - across ALL sectors - is to make the safe disposal and responsible management as seamless as we have for consumer batteries for the past 27 years.





Leading the charge for recycling.™

thank you!

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