



Upcycle batteries.

Avert climate change.

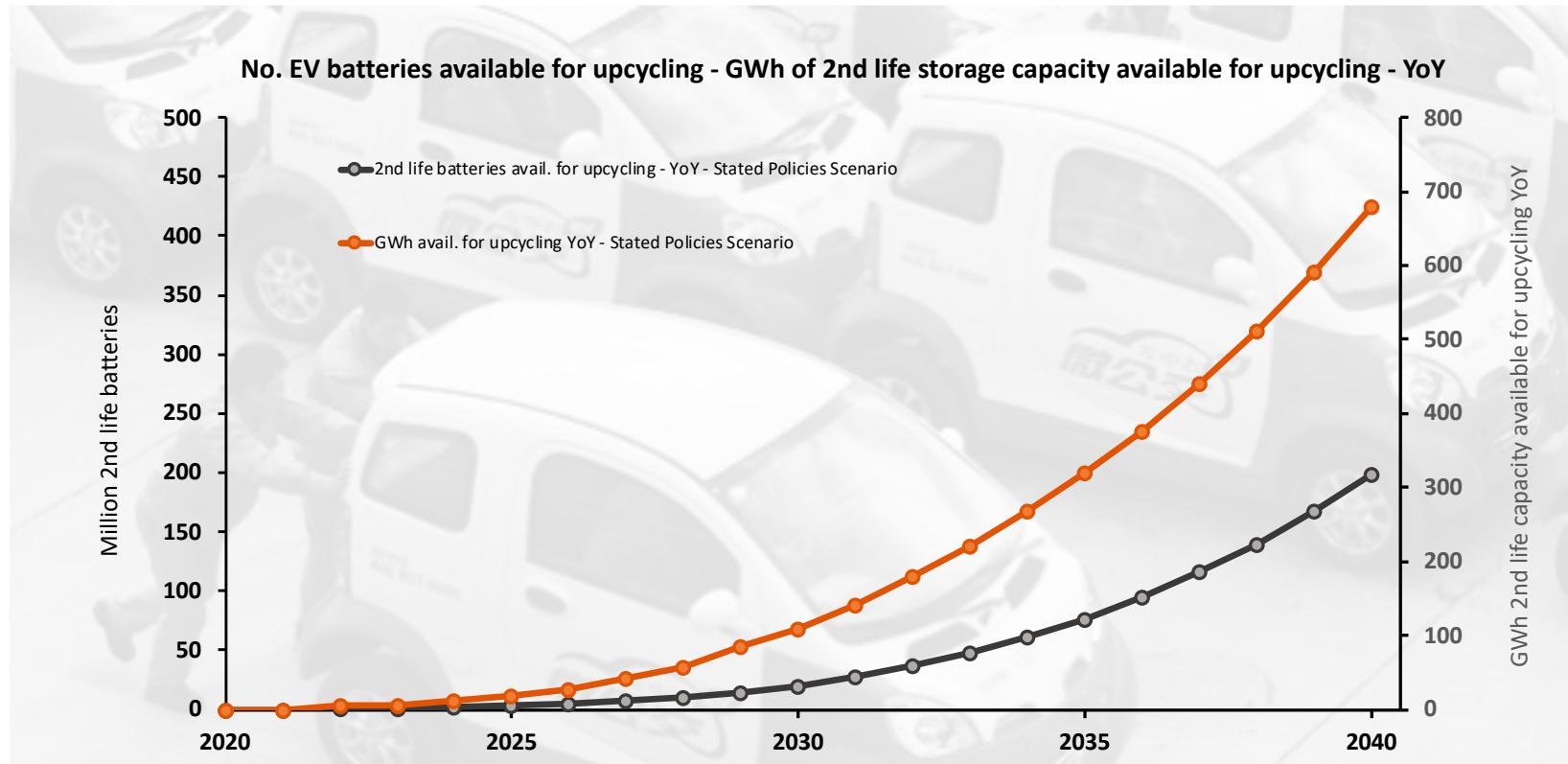
COMPANY OVERVIEW – SUSTAINABILITY CIRCLE | ESCHBORN | 01.2022





A tsunami of used EV batteries is coming

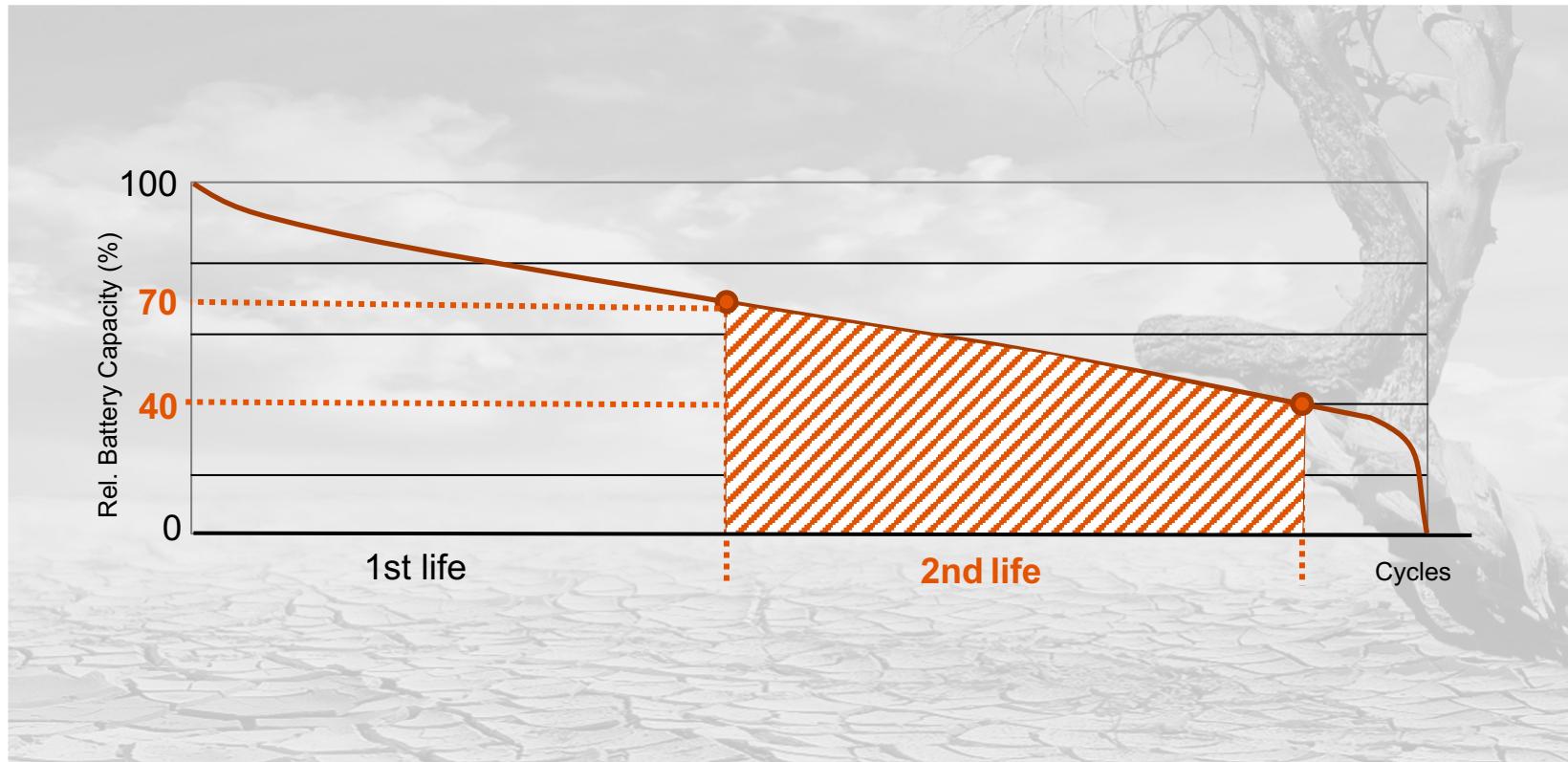
In 2030 more than 20 million used battery packs will be released from the automotive industry





Why waste all this productive battery capacity?

...when 30% of the EV life cycle CO₂ footprint comes from battery production

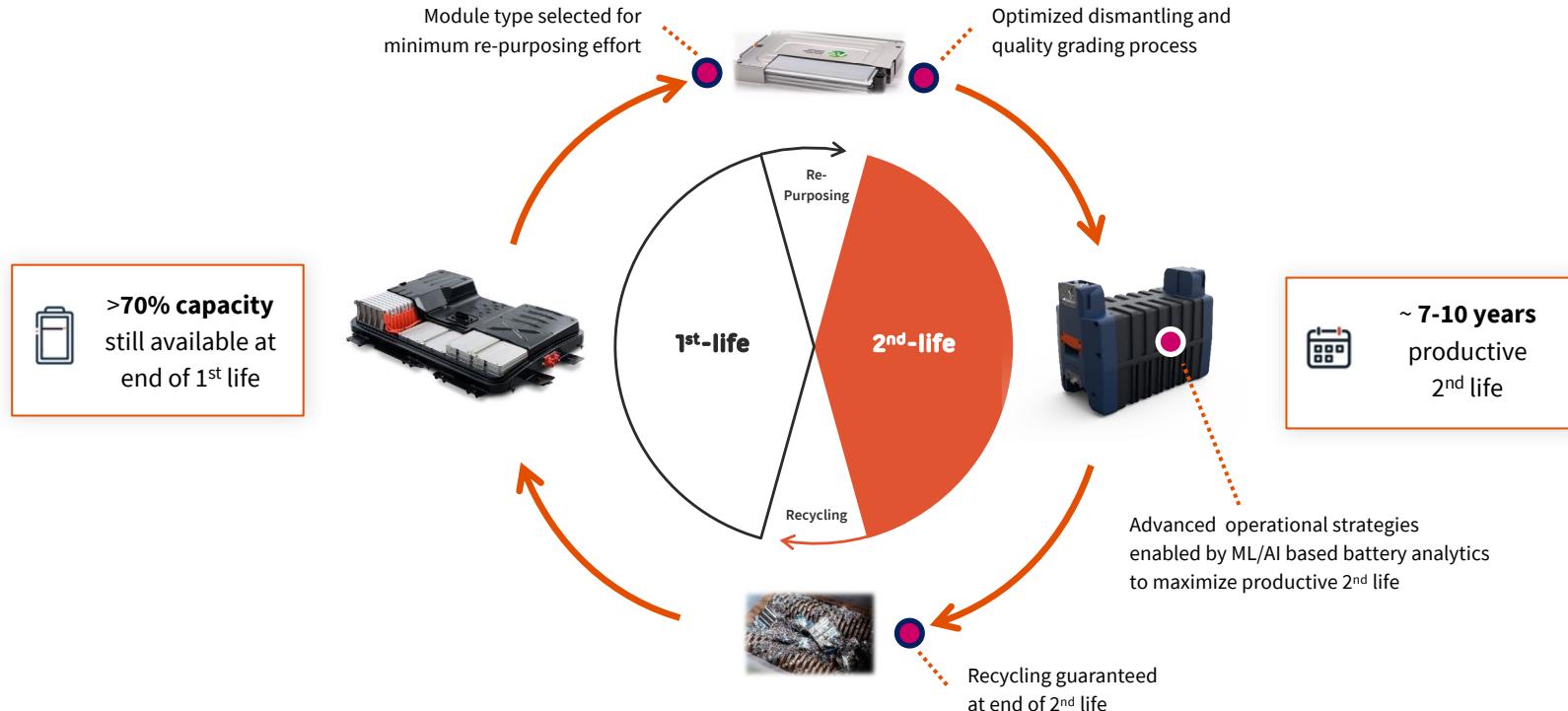




Upcycling EV battery modules

SOLUTIONS

batteries has optimized each upcycling step to maximize battery productive life and close the material cycle.



+ - Our IoT backbone & business platform

SOLUTIONS

Enabling optimum asset management and innovative business models

Monitoring and management
of IoT devices

Asset tracking

Digital business platform



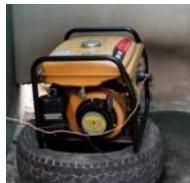


Intention & Impact

IMPACT

We are focused on averting CO₂ emissions by replacing fossil power sources with reliable, clean energy using 2nd life EV-batteries

Example #1 3kVA diesel generator replaced by batteries AC system



10.0t^(*)

CO₂ savings over system life per generator

Our SDG focus



Example #2 ICE 3-wheeler replaced by e-3-wheeler powered by batteries DC system



14.8t^(*)

CO₂ savings over system life per rickshaw



(*) Including CO₂-avoidance per battery pack when using 2nd life instead of manufacturing new 1st life batteries

+ - Status January 2022

SOLUTIONS

- + Prototypes successfully tested by customers for multiple applications
- + Certification, series production and sales to commence in Q1' 2022
- + Development of larger energy storage solutions started
- + Pilot projects for industrial applications planned for 2022



Construction Industry



Film sets



Solar farms



Solar container



Electric propulsion



E-mobility

Encouraging customer feedback:

"The film industry is under great pressure to reduce costs and become more environmentally friendly at the same time. After months of field testing, we are convinced that betteries' clean, mobile and reliable power systems will make a big difference in the film industry, especially as rental equipment."

Ernst Feiler, Ludwig Kamera Verleih



What comes next?

SOLUTIONS

Moving up in power and energy to provide green storage solutions for industrial applications

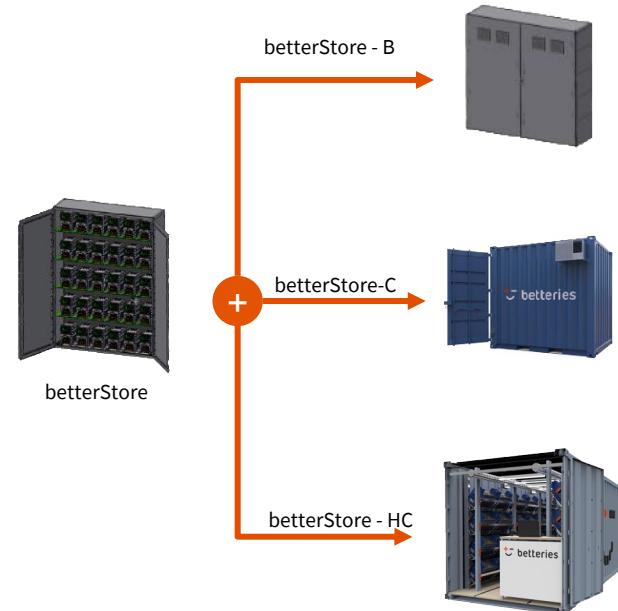
betterGen MAX

15kW, 3-phase, mobile AC power



betterStore

30kW-240kWh/120kW modular power for C&I applications



⊕ If you are interested in...

PARTNERSHIPS

- ⊕ the most sustainable,
- ⊕ mobile, modular, multipurpose & connected
- ⊕ power solution
- ⊕ for industrial applications.



We'd love to talk to you!



Thank you!



Dr. Rainer Höning
Founder & Managing Director
rainer.hoenig@betteries.com
+49 172 747 9566

betteries AMPS GmbH
Goerzallee 299 14167 Berlin,
Germany

www.betteries.com

info@betteries.com