



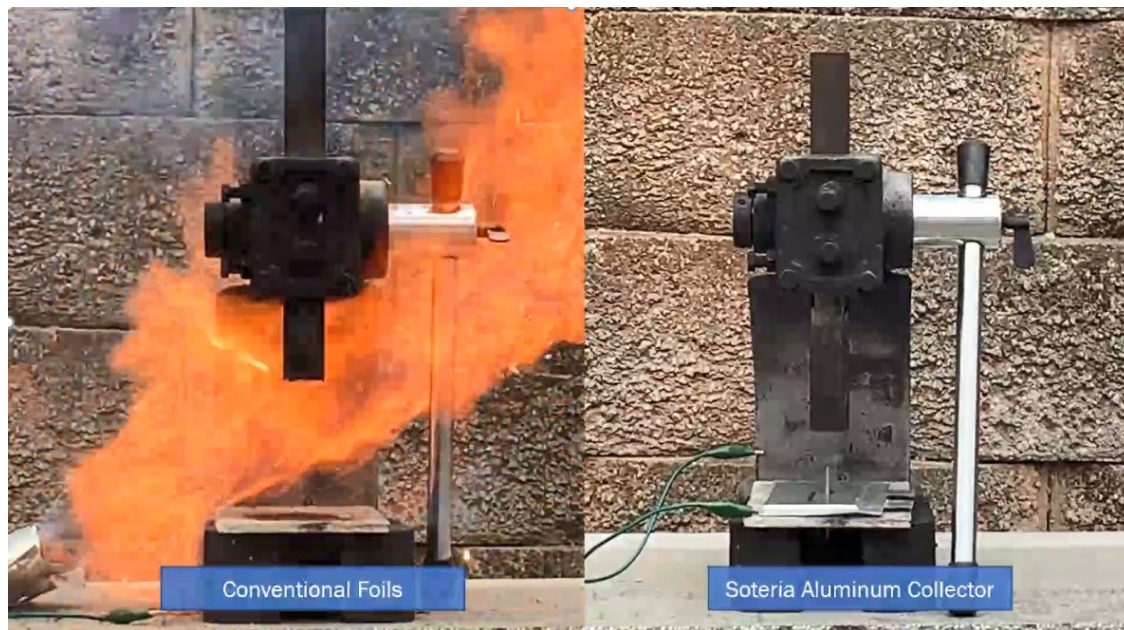
Inherently Safe Cells Everywhere



Soteria Will Eliminate Battery Fires

Battery Safety Technology

Soteria is enabling a world where lithium-ion batteries are inherently safe.



Industry – wide Consortium

Soteria has established an open innovation consortium with 106 active partners.



BOSCH

Mercedes-Benz
Research & Development North America, Inc.

Lenovo



DUPONT

HILTI



MOTOROLA
SOLUTIONS



ZEBRA

Soteria Vision

Inherently safe cells everywhere.

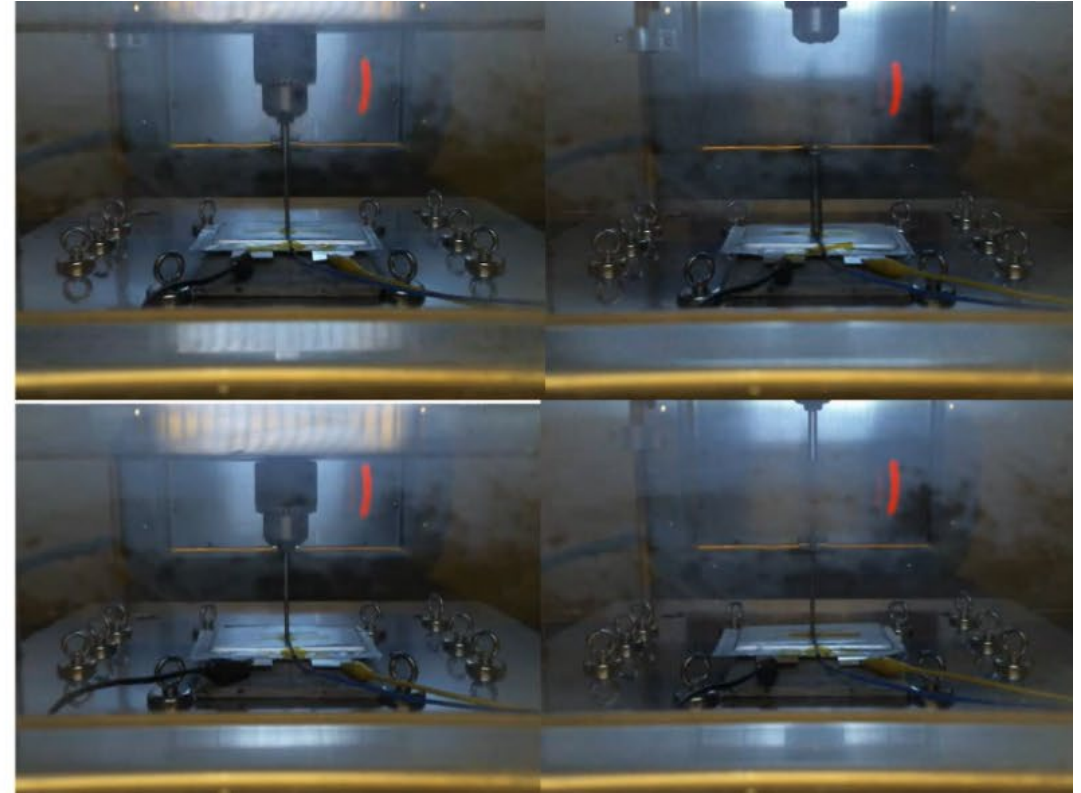


Soteria cells do not Ignite

Standard Cells



Soteria Cells



Watch Video:

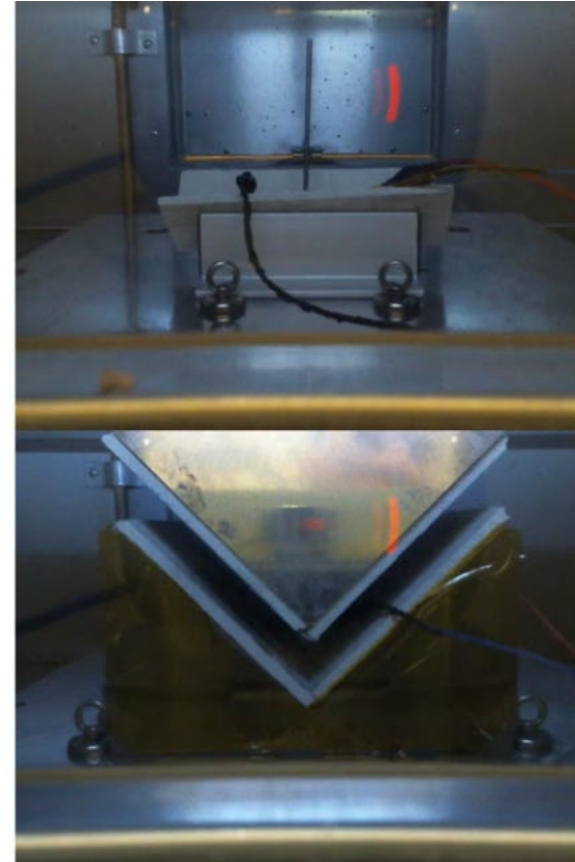
https://youtu.be/_iNSUEMfnKg

Soteria technology applies to all cell types

Standard Cells



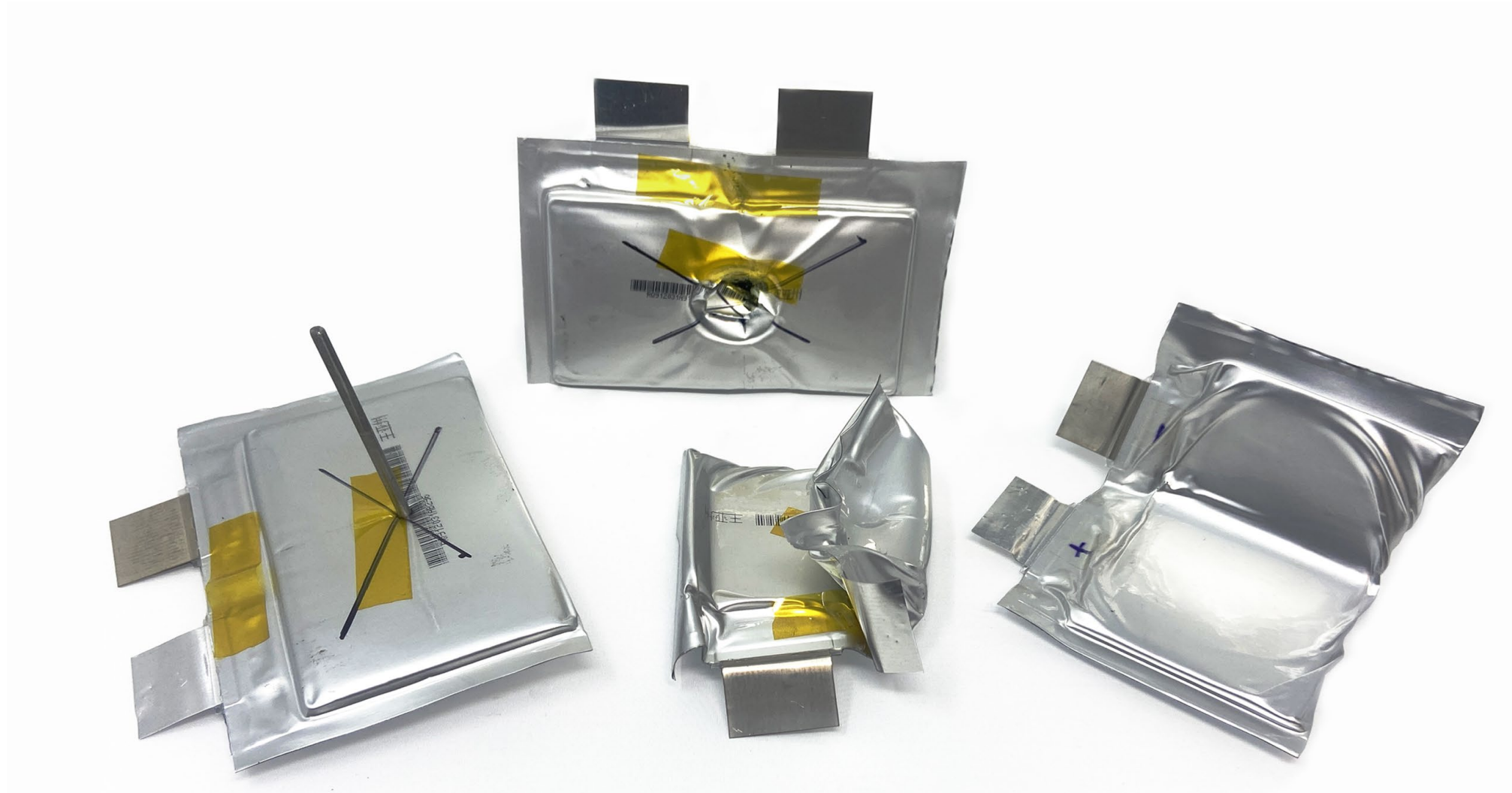
Soteria Cells



Watch Video:

https://youtu.be/nya_PaVL70I

Soteria cells continue to function at >85% capacity



Soteria delivers a complete revolutionary safety solution



REVOLUTIONARY SAFETY

Eliminate root cause
of cell ignition

Cells keep working
after damage



FULL COMPATIBILITY

20-30% weight
reduction

Lower material
costs

Drop-in to
manufacturing

Electrical
performance



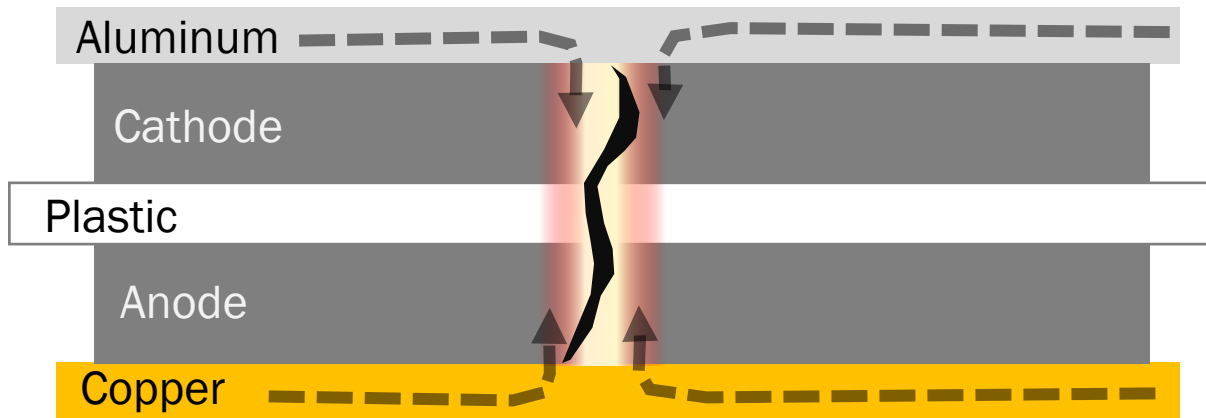
INDUSTRY SUPPORT

Open innovation
consortium

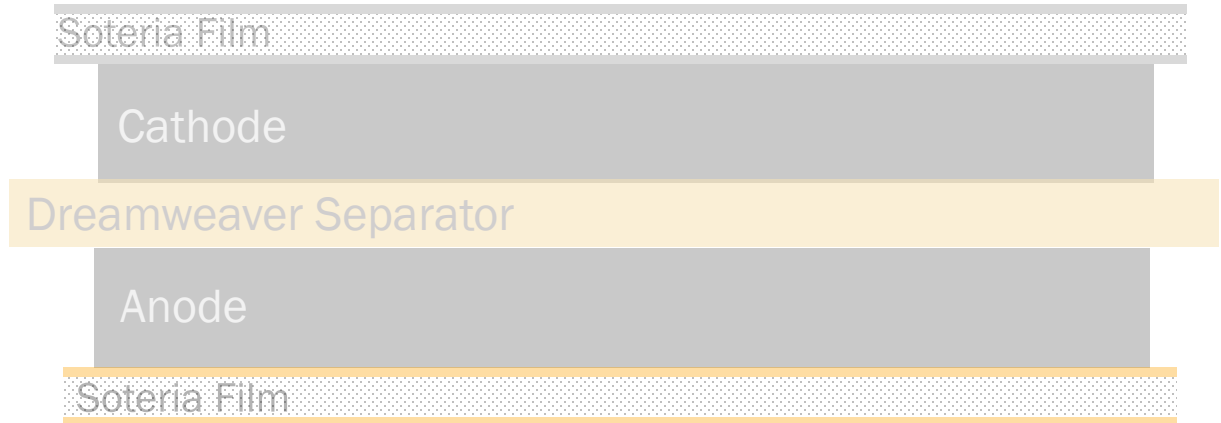
Broad and robust
supply chain

Soteria eliminates root cause of cell ignition

Existing Technology



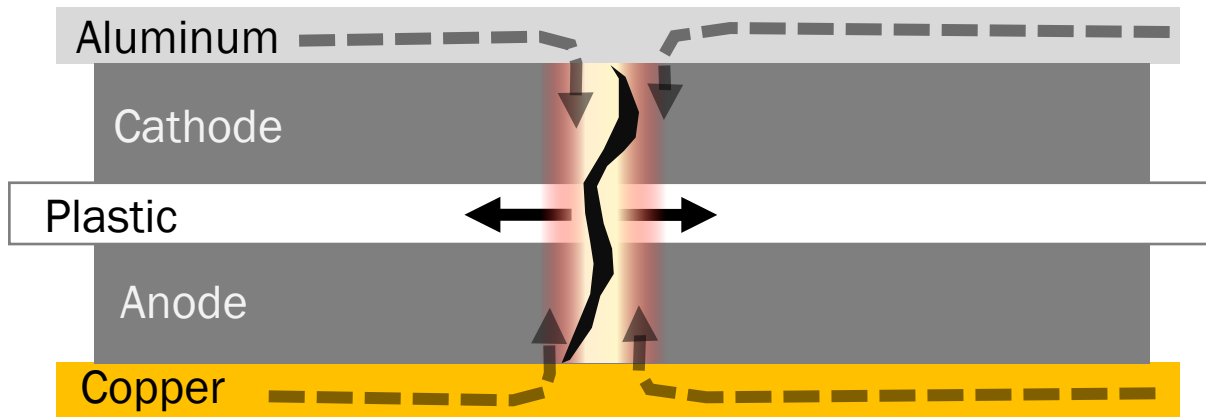
 Soteria™ Technology



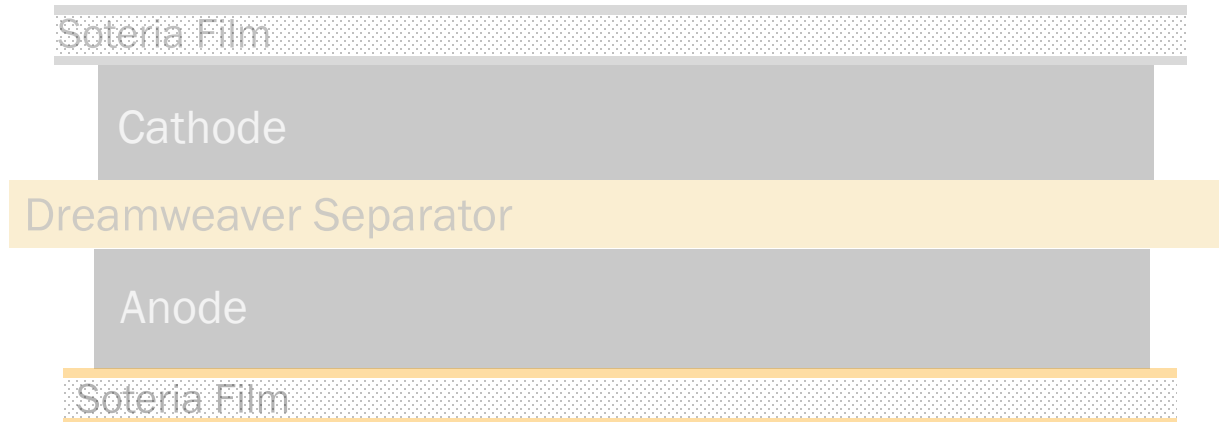
1. Internal short forms
2. High current generates heat

Soteria eliminates root cause of cell ignition

Existing Technology



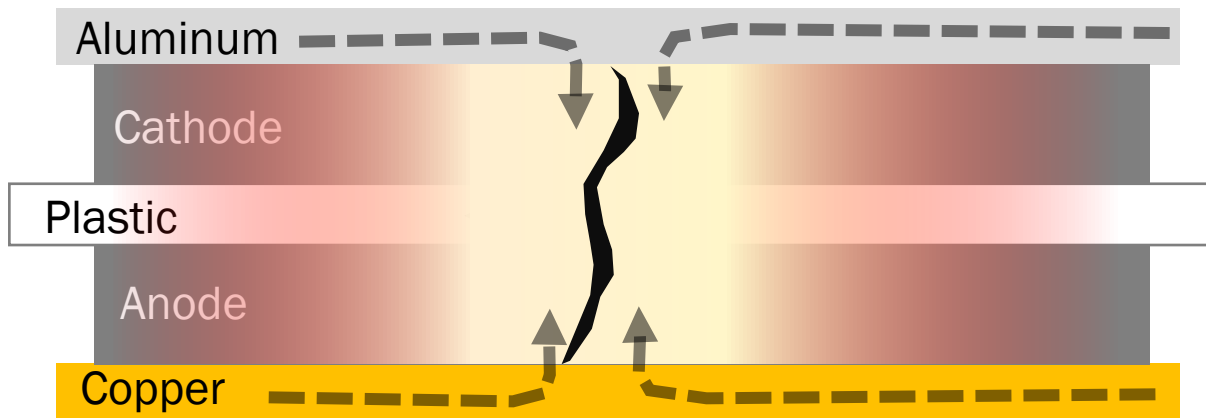
 Soteria™ Technology



1. Internal short forms
2. High current generates heat
3. Plastic membrane retreats
4. Thermal runaway initiates

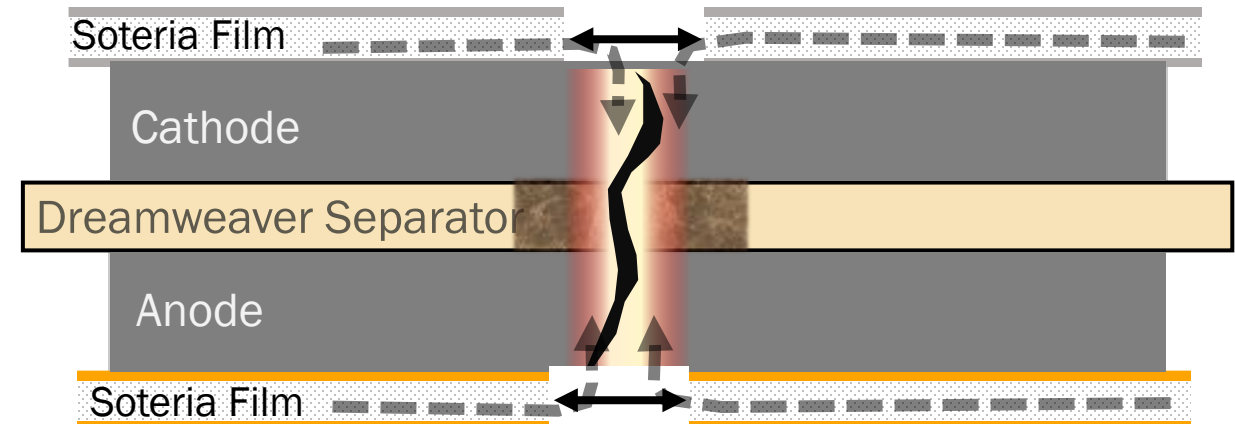
Soteria eliminates root cause of cell ignition

Existing Technology



1. Internal short forms
2. High current generates heat
3. Plastic membrane retreats
4. Thermal runaway initiates

 Soteria™ Technology



1. Dreamweaver separator maintains shape
2. Soteria films oxidize, act as internal fuse
3. Energy flow stops
4. Rest of cell continues to function

Consortium is permeating the full supply chain

...but there are thousands of companies who have not yet joined.

Separator Members

Equipment/Raw Materials

Paper Manufacturers



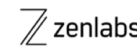
Current Collector Members

Equipment/Raw Materials

Metallizers



Cell & Pack Level Members



End User Members



Lab & Other Members



Open-innovation approach delivers market breadth

Open-innovation platform technology

Result is a >10:1 multiple of Soteria R&D \$\$.

License technology using FRAND terms

Everybody has access to battery safety.

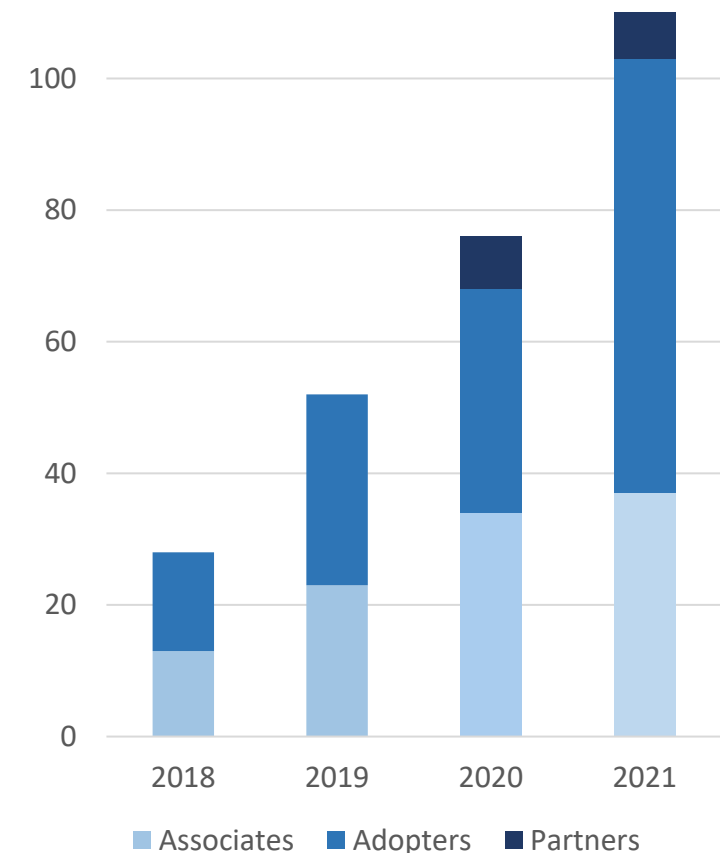
Set uncompromising safety standards

Soteria cells do what we say they will do.

Soteria mark communicates safety

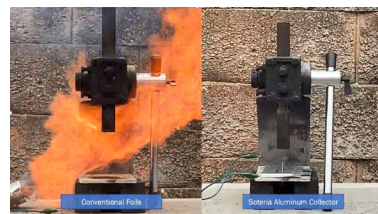
Consumer demand for safety will drive adoption.

Consortium Growth



Soteria Bridge Round

Inherently safe cells



Open innovation
consortium



Commercializing now

