Powering the Clean Energy Revolution.
The Zinc-Ion Battery

New type of rechargeable zinc battery optimized for non-portable applications

**Intrinsically safe**

Salient Energy’s electrolyte is neither flammable, nor toxic.

**Long cycle life**

Unlike other Zn-batteries: CE > 99.5%

<table>
<thead>
<tr>
<th>Battery</th>
<th>Lead Acid</th>
<th>Lithium Ion</th>
<th>Zn/OH⁻</th>
<th>Zinc Ion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Levelized cost</td>
<td>🍒🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎🍎ookeeper</td>
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</tbody>
</table>
Development Path

Component Level
Optimizations

Test Cells

High-Capacity Cell
Design

Prototype

Prove Performance and Safety

Third-Party
Validation

Pilot
Production

Demonstrate Scalability

Demos

Prove it in application

Market Entry

Maximize captured
value

Salient’s Goal: Bring the Zn-ion technology to market

Seeking cell manufacturing partnerships, systems development partnerships, and strategic investment
Poised for Rapid Growth

- Moved from Ontario to Nova Scotia in April 2019
- Set up a 1,500 sq. ft. R&D lab
- Doubled team size from 5 to 10

East coast of Canada: Halifax/Dartmouth, Nova Scotia
- Home of the Trailer Park Boys
- Home of hockey players Sidney Crosby and Nathan MacKinnon