



# SALIENT

E N E R G Y

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Powering the Clean Energy Revolution.

# The Zinc-Ion Battery

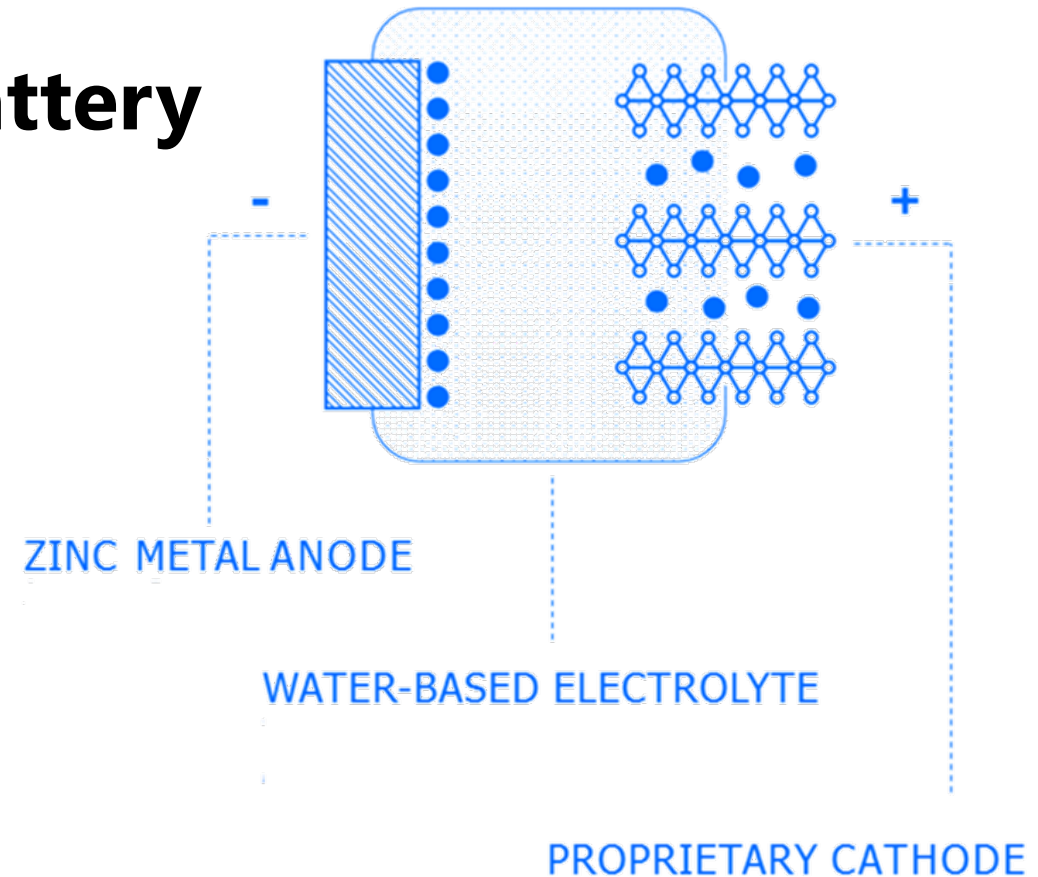
## New type of rechargeable zinc battery optimized for non-portable applications




















**Intrinsically safe** 

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

## Long cycle life

Unlike other Zn-batteries: CE > 99.5 %



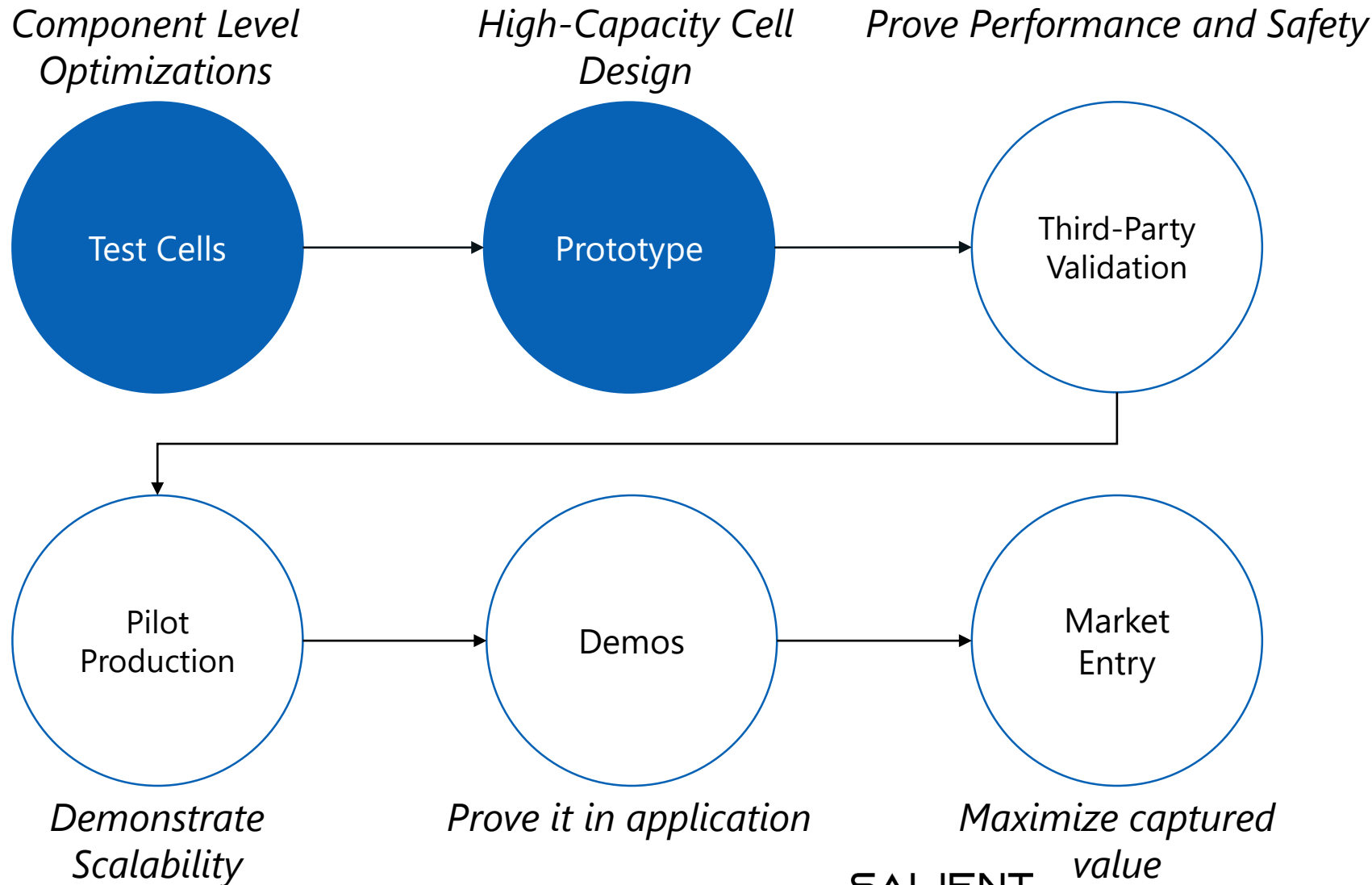
Battery	Lead Acid	Lithium Ion	Zn/OH <sup>-</sup>	Zinc Ion
Levelized cost				
Raw material abundancy				
Recyclability				
Hazards				
Service life				

## Supply chain security :

### Abundant, cheap raw materials

300 x annual production of Zn than Li:  
Enough to produce 10<sup>4</sup> GWh of storage,  
affordable for utility-scale,  
world-wide deployment

# Development Path



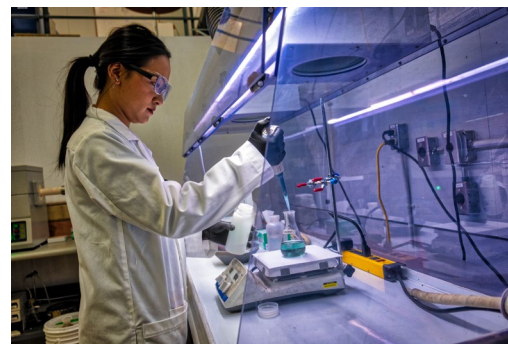
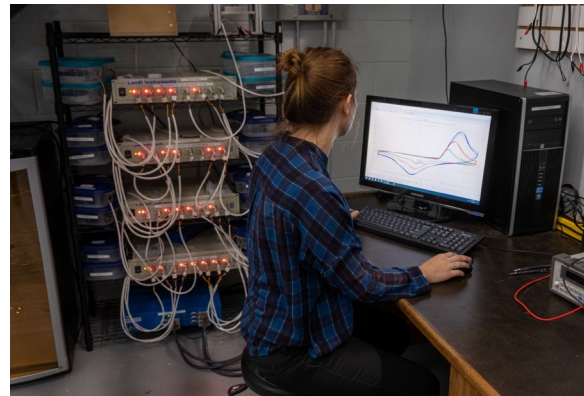
**Salient's Goal: Bring the Zn-ion technology to market**

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



2017 2020  
(Founded)



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

# Projects and Partnerships



IN PARTNERSHIP WITH



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