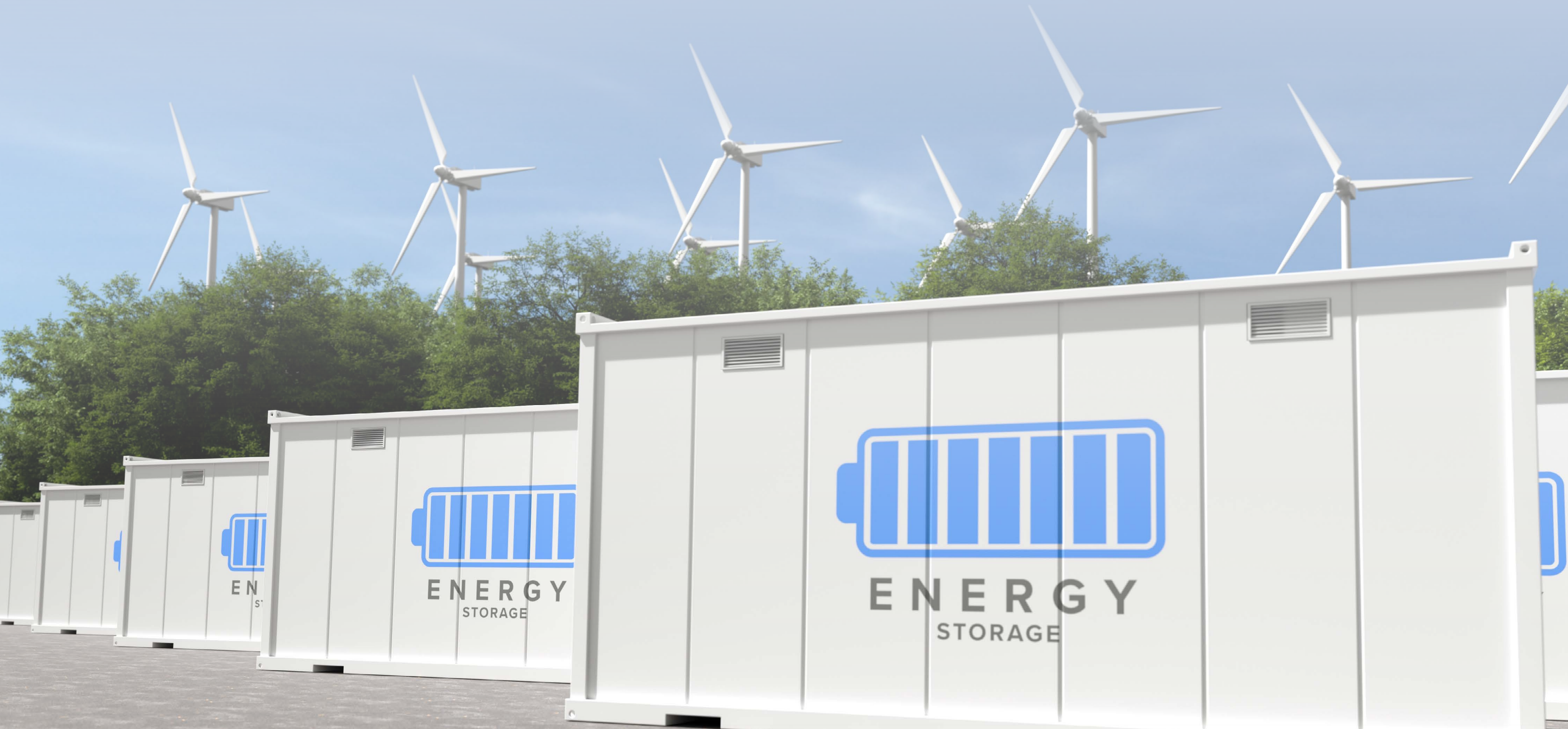




Salion Energy revolutionizes stationary energy storage with safe, clean, and cost-effective technology.

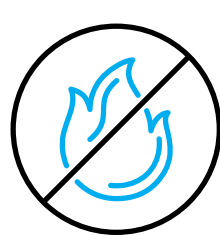


## The Need

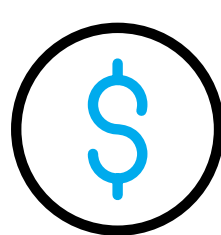
The growing demand for large-scale energy storage solutions is exceeding existing technologies. Lithium-ion batteries dominate the market but face significant challenges: safety concerns, supply chain limitations, and environmental impact. The world needs an alternative that is safer, more sustainable, and economically viable.

## Salion Energy Solutions

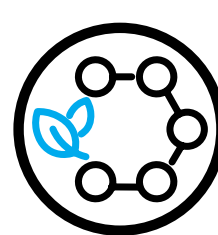
Salion Energy is developing a breakthrough sodium-ion battery technology for stationary energy storage applications, that addresses the industry's challenges head-on. Our patent-pending aqueous battery cell utilizes sodium-ion technology with water-based electrolytes and advanced anode and cathode materials. This innovation addresses the safety hazards associated with lithium-ion batteries while offering a sustainable and economical alternative.



**Safe**  
Water-based chemistry designed to eliminate fire risks



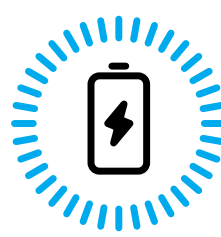
**Cost-Effective**  
Abundant affordable raw materials and production



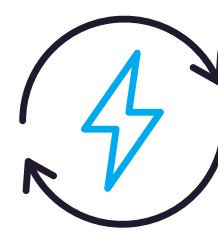
**Sustainable**  
Eco-friendly materials and processes



**Long Cycle Life**  
>30,000 cycle life for high durability



**Fast Charging**  
Capable of charging in just a few minutes



**High power**  
Robust power delivery

## The Market:

**We focus on stationary energy storage markets where safety, cost, and sustainability are critical:**

The global market for stationary energy storage is poised for growth, expected to reach \$150–200 billion by 2030. Salion is strategically positioned to serve this expanding market.



### Data Centers

Reliable backup power with enhanced safety.

### Microgrid& Grid-Scale

Scalable solutions for off-grid and decentralized energy.



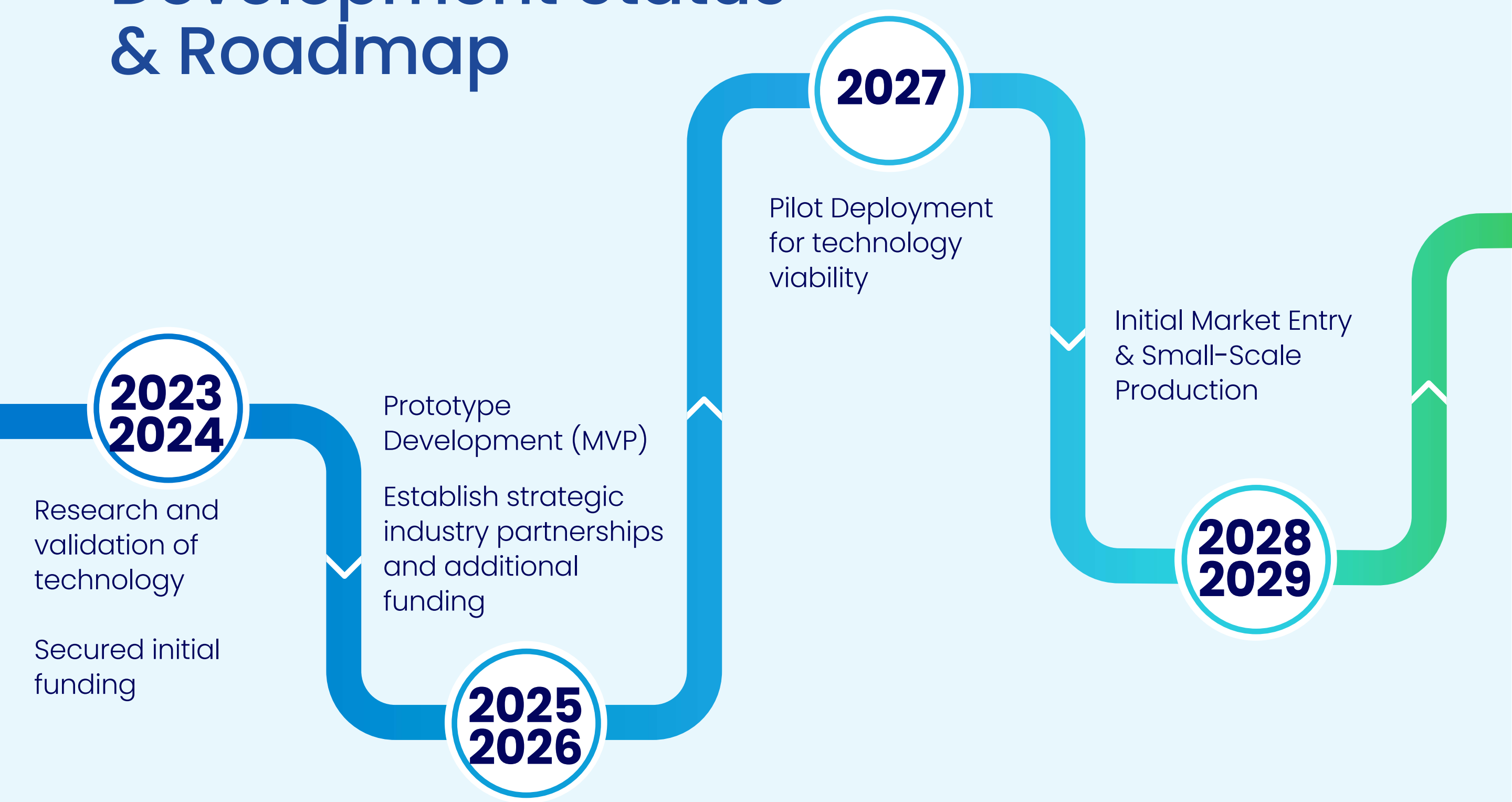
### Commercial & Industrial Applications

Stable, cost-effective power solutions.

### EV Charging Infrastructure

Supporting the growing need for grid stability in EV networks.

## Development Status & Roadmap



## Our Team

Our multidisciplinary team brings decades of experience in battery technologies, energy systems and global partnerships. We collaborate with leading academic institutions and are supported by the prestigious Nano Fund from the Hebrew University and the Israel Innovation Authority



**Sharon Erez-Shai**  
CEO

Leadership roles in high-tech and government strategic innovation. Specializing in multidisciplinary projects and global partnerships.



**Dr. Gal Shachar-Michaely**  
CTO

PHD in chemical engineering. Specializing in materials science, managed research projects in collaboration with industrial companies.



**Dr. Netanel Shpigel**  
CSO, Co Founder

A faculty member at Ariel University. Specializes in aqueous electrochemistry and batteries.



**Dr. Daniel Sharon**  
CSO, Co Founder

A faculty member at the Hebrew University. Specializes in innovative electrochemical storage systems.



**Prof. Doron Aurbach**  
CSO, Co Founder

Emeritus Prof. at Bar-Ilan University. World renowned awarded electrochemist, leading national and academic energy centers and programs.



**Dr. Michal Vakrat Wolkin**  
Advisory Board, Co Founder

Investor, Managing Director, Physicist. Former director of GM venture battery and electrification funds. Professor at Reichman University.



**Dr. Dov Reichman**  
Director & Advisory Board

Manager of Racah Nano Venture. Served as CEO of high-tech companies, board member and advisory committees.



**Ronit Romm**  
Consultant, VP product

Experience with global battery cells and systems manufacturing. Served as chemical technologies team leader at Solar-Edge.



Join us in shaping the future of large-energy storage



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