



# Vanadium Flow Batteries - The Cornerstone of Long-Duration Energy Storage

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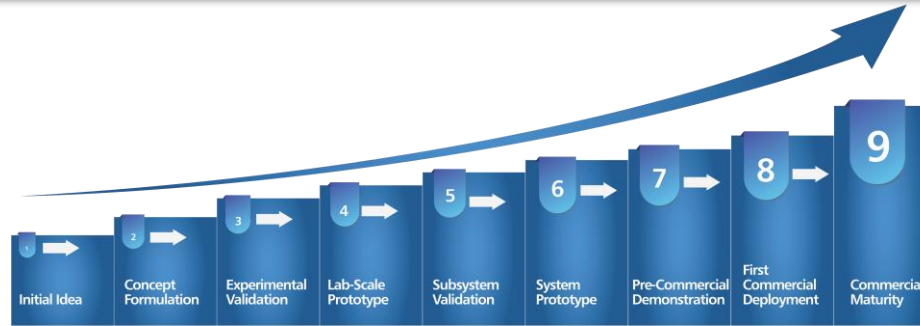
RKP International  
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# From Development to Deployment: Vanadium Flow Batteries Ready for Global Impact

**3.1 GWh** RKP's Operational Installations: Powering the Future


**2.5 GWh** RKP's electrolyte production capacity today, expanding to 4.5 GWh/ p.a. by 2025




**RKP's Leadership in Vanadium Flow Battery Technology**  
**Proven Technology, Ready Today**

## Designed for What Customers Care About Most

 Engineered for Long-Term Stability

 Affordable Energy Cost, Proven at Scale

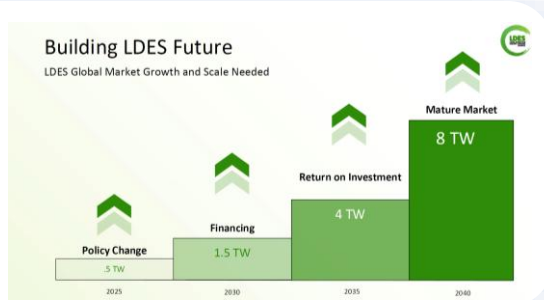
 Intrinsic Bankability

 Accessible Customer Service

## VFBs Are Not an Option — They're a Strategic Necessity for LDES

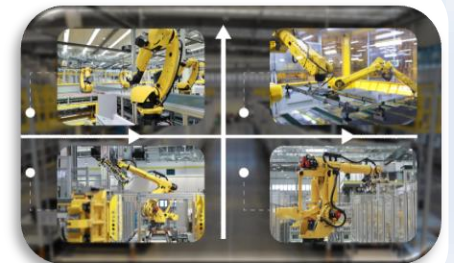


Global LDES Market Growth Forecast: 8+ TW by 2040 — VFBs Are Positioned to Lead the Way




Proven Scalability VFB systems have been deployed at GWh scale — expansion is based on modular replication, not redesign

Manufacturing and Supply Chain in place — Commercial-scale factories are operating today, and electrolyte leasing makes deployment more flexible and financially viable





  
**Pilots &  
Developments**

  
**Regional  
Offices**

## Ready to Deployed Products



**UPower**



**SPower**

## Attained Certifications



**UL**



**IEC**



**TUV**



**CE**

**Electrolyte Production Capacity: 4.5 GWh/year by end of 2025**



**Thank you.**