The Challenge

Pollutive and inefficient recovery restricting vanadium supply.

- Limited Supply
  - Very few vanadium resources meet the criteria required to produce vanadium for high purity applications.
  - Vanadium has historically been produced, consumed and controlled by global steel interests.

- Conventional Methods
  - Producing vanadium has not changed in 60 years. Conventional smelting and roasting is inefficient, pollutive and must evolve to meet the emerging Vanadium Redox Flow Battery (VRFB) market.

- Strong Demand
  - World Bank forecasts 500X growth in battery metal demand for energy storage systems by 2050 which will put the existing supply chain under severe stress.

= Environmental Impact
- Increased awareness of pollutive vanadium and steel production methods has slowed development of new supply.

The **VANADIUMCORP** Solution

Green recovery unlocking strategic vanadium resources.

- Strategic Supply
  - Our 100% owned North American resource base is located in the geopolitically stable and safe jurisdiction of Québec, Canada.
  - Commercializing and licensing VEPT will unlock global supply.

- Process Technology
  - VanadiumCorp-Electrochem Process Technology (VEPT) represents an eco-friendly and cost-efficient process alternative that recovers vanadium with all by-products.

- Vanadium Batteries
  - Vanadium electrolyte is reusable and the main component of the VRFB technology.
  - VanadiumCorp’s subsidiary in Germany, VanadiumCorp GmbH is facilitating increased use of vanadium in VRFBs.

= Environmental Benefit
- Opportunity to reduce the world’s carbon footprint by producing vanadium, sustainably, for perpetual use in 100% green VRFBs.
Cost-Effective And Green Recovery of Vanadium Is The Key To The Advancement Of Vanadium Batteries

Our revolutionary VanadiumCorp-Electrochem Process Technology (VEPT) is a cost-effective and Green Method (VEPT) that recovers all metal values and facilitates mass commercialization of VRFBs.

The Pollutive (Primary) Method recovers only vanadium, produces significant waste and greenhouse gases and does not facilitate VRFB commercialization.

Strategic Supply

Vanadium, Iron & Titanium Supply in Québec, Canada

Our Lac Doré Project in Chibougamau, Québec is one of the world’s premier, undeveloped vanadium resources.

World class vanadium resource - Security of supply: 2,970,000,000 lbs of Vanadium Pentoxide contained in over 300 million tonnes in-situ mineralization with favorable metallurgy.

Development - Objective to advance key vanadium mining assets globally through integration of green process technology targeting the lowest cost vanadium for energy storage.
### Company Overview

**Capitalization Structure – TSX-Venture "VRB"**

- **Share Issued/Outstanding:** 288,551,120
- **Market Capitalization:** $18,756,000.00 CDN
- **Warrants:** 21,108,699
- **Options:** 21,108,699
- **Cash Position:** $995,146.00 CDN

**As of financials filed June 29, 2020**

**Stock Exchange Listings**

- **TSX Venture – Ticker Symbol: "VRB"**
- **OTC Markets - Ticker Symbol: 'APAFF"**
- **Frankfurt Exchange : Ticker Symbol "NWN"**

**Major Shareholders**

- Roger Shook: 12.35%
- Management: 3.5%

### Experienced Team

#### Board of Directors

- **Adriaan Bakker** – Chief Executive Officer / President
- **Stephen Pearce** – Chief Financial Officer
- **Gilles Y. Champagne** – Chief Technical Officer
- **John Hewlett** – Director
- **Sokhie Puar** – Director

#### Advisory Board & Technical Team

- **Dr. Maria Skylas-Kazacos** - Professor Emeritus, Inventor of the VRFB
- **Terry Perles** - Vanadium market and commodity advisor
- **Denis Bouchard** - Manager, Strategic Project Development
- **James (Jim) A. McLeod** - Explorationist & Cree First Nations Advisor
- **Paul Sorbara** - M.Sc., P.Geo. & Advisor
- **Peter Maclean** - Financial Advisor & Consultant

### Stock Exchange Listings

- **TSX Venture – Ticker Symbol: "VRB"**
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### Corporate Structure

**VanadiumCorp Resource Inc.**

- **V-Ti-Fe Resource Base 100%**
- **Process Technology 50%**
- **VanadiumCorp GmbH 100%**

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**THE ADVANTAGES**

**VRFB vs LITHIUM-ION**

<table>
<thead>
<tr>
<th>Feature</th>
<th>VANADIUM</th>
<th>LITHIUM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of cycles (lifespan)</td>
<td>Long life, &gt; 25 years at high deep of discharge (DOD)</td>
<td>Limited lifetime, decreases at high DOD</td>
</tr>
<tr>
<td>Suitable for grid scale storage &amp; load leveling</td>
<td>Suitable to all sizes</td>
<td>To medium size only due to cost per kWh</td>
</tr>
<tr>
<td>Compatible with renewable energy sources (solar, wind, hydropower)</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Independent scaling of power and capacity</td>
<td>Yes, fully scalable</td>
<td>No, fixed ratio</td>
</tr>
<tr>
<td>Low environmental footprint</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Recyclability</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Non-hazardous/non-explosive</td>
<td>100% recyclable</td>
<td>No (not largely implemented)</td>
</tr>
<tr>
<td>Residual value</td>
<td>Yes (water based electrolyte)</td>
<td>No (organic electrolyte, risk of catching fire during thermal runaway)</td>
</tr>
<tr>
<td>Residual value</td>
<td>Yes (electrolyte keeps its full value)</td>
<td>No</td>
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**Investor Enquiries**

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