



# Homerun: Advanced Materials for Energy Solutions

Innovating HPQ Silica Solutions for a Sustainable Future



## Who We Are

Homerun is a disruptive leader in green energy solutions, committed to driving sustainable industrial practices across the globe. Homerun has been at the forefront of silica to solar and energy storage innovation. Our journey began with the acquisition of high-purity quartz silica sand resources in Brazil and is expanding vertically to include advanced materials, solar glass manufacturing, cutting-edge perovskite PV technology and disruptive energy storage solutions built within the competitive advantage of Brazil.

## Why Homerun?



### Deep Industry Experience

Homerun's CEO, Brian Leeners has decades of experience in the technology and materials sector. Homerun is an amalgamation of his experience and expertise in both materials and tech.



### Strategic Capital Market Management

Homerun has achieved a coveted spot on the TSXV Top 50 due to out-performance vs peers in 2024. Financings to date at \$0.10, \$0.50 and \$1.30 showcasing strong performance and diligent management.



### Rapid Value Creation

Since we announced our silica-based energy transition strategy in January of 2023, we have secured incredible silica sand and quartz resources, established infrastructure and logistics, solidified top tier partnerships and identified **6 key profit centers** presenting near-term and scalable revenue and CF growth.

## Homerun Energy Solutions

### Solar Energy

- Building Latin America's first high-efficiency solar glass manufacturing facility with 365,000 tpy capacity.
- Developing the bankable feasibility study +/- \$400 USD COGS with Off-Take LOIs in place at \$750 USD.
- Solar-ready silica sand sourced from Homerun Resources offering significant competitive advantage.

### Perovskite PV

- Extending our reach into the next generation of Solar - Perovskite Solar (PSC).
- Focusing on sheet-to-sheet perovskite production on Solar Glass to serve the world.
- PSC division generating revenue with new solutions and partnerships coming online.

### Energy Storage

- Developing a first-of-its-kind silica thermal energy storage system with the US Department of Energy's (NREL).
- Uses our high-purity silica sand for purification, industrial heat and electricity arbitrage.
- Commercial pilot stage.

### Battery Solutions

- Pioneering disruptive processing methods and advanced material development for our silica sand and quartz resources.
- Partnership with NREL & UC Davis.

Contact Us



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## Where We Are Today

Homerun has executed expeditiously on a 3-phase business plan communicated in early 2023. The **first phase** involved securing the proper resources required to facilitate top end products for the renewable energy transition. The **second phase** involved establishing all of the required infrastructure and logistics to extract, process, bag, and ship our resources domestically and internationally. Our **third phase** pertains to the vertical integration and revenue generation surrounding the use of our resources in proprietary materials and solutions. The third phase of our business plan is *well underway*.

## Our Capital Structure

Common Shares	60,727,679
Stock Options	8,965,000 @ \$0.41 Avg
Warrants	3,753,226 @ \$1.20 Avg
Fully Diluted	73,445,905

## Closing Remarks

Homerun is on a relentless trajectory for success stemming from the incredible silica sand and quartz resources in Brazil. By upgrading this high-purity raw material and using it as an input into our own vertically integrated energy solutions, we create high-margin opportunity with blue-sky potential. Now is the time to take a serious look at Homerun.

## Important Key Points

### Advantage of Brazil

- Brazil is the largest solar market outside of China with 1GW of current capacity versus 15-20 GW of annualized installation.
- Over 113,00 GW of solar capacity currently in pre-construction stage.
- 100% of Solar Glass in Brazil is imported from China, **BUT** the Brazilian government has just raised the import tax on solar modules from 9.6% to **25%**.
- The Brazilian government also enhanced tax incentives for companies creating and purchasing domestic supply.
- Brazil's BNDES Development Bank and FINEP announce new USD \$60B industrial policy to stimulate productive and technological development to competitive advantage for the domestic Brazilian industry.

## Our Objectives

### Catalysts for Growth

- Sales of Homerun Materials and Solutions
- Completing MRE on Santa Maria Eterna Resource
- Developing thermal/acid processing plant
- Bankable feasibility study on solar glass plant
- Financing of solar glass plant
- Commercialization of perovskite solutions
- Full perovskite integration into solar glass manufactured in Brazil
- Energy storage and battery materials solutions
- Advanced materials development to commercial sales

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