



A leading American Quartz and Silicon corporation
empowering American solar manufacturing for a
stronger and more self reliant future.



QUARTZ & SILICON MATERIALS CORPORATION

SAFE HARBOR STATEMENT

This document may contain forward-looking statements, including statements regarding financial projections, which are subject to risks and uncertainties, such as competitive factors, difficulties and delays inherent in the development, manufacturing, marketing and sale of materials, products and related services, general economic conditions, outcome of litigation and others. For a discussion of these and other risks and uncertainties affecting The Quartz and Silicon Materials Corporation (QSM), its affiliates and subsidiary's business, see QSM's majority shareholder, GSTX, an OTC listed company filings with the SEC, including those discussed in GSTX's most recent Annual Report on Form 10-K and in any subsequent periodic reports on Form 10-Q and Form 8-K, each of which is on file with the SEC and available at the SEC's website at: <https://www.sec.gov/edgar/browse/?CIK=1497649>.

Statements regarding QSM's beliefs, plans, expectations or intentions regarding the future are forward-looking statements, within the meaning of Section 27A of the Securities Act of 1933, as amended and Section 21E of the Securities Exchange Act of 1934, as amended. All such forward-looking statements are made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Actual results may differ materially from anticipated results. QSM does not undertake to update its forward-looking statements. The development and timing of any product as well as any of its features or functionality remain at our sole discretion.

The corporation expects to generate annual
group earnings of US\$3.6b by 2035.
(EBITDA)



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QSM IS ADDRESSING CRITICAL AMERICAN ENERGY SUPPLY CHAIN SECURITY ISSUES

The QSM Opportunity

QSM is a US-based company bringing a core component of solar cell and solar panel manufacturing back to the United States.



- ◉ The Quartz & Silicon Materials Corporation (QSM) is a private corporation establishing solar wafer and solar cell production in the USA, Australia and Europe.
- ◉ **The world will almost completely rely on China for the supply of key building blocks for solar panel production through 2025. China's share of global polysilicon, ingot and wafer production will soon reach almost 95%. US imports of critical solar materials in 2023 were US\$17.6B.**
- ◉ For over 10 years there has been no US domestic solar wafer production (post GFC). The introduction of tariffs has further aggravated the supply chain challenges.
- ◉ **Solar is now the cheapest form of electricity generation with the US solar market growing rapidly by 16% annually. A mature technology and proven market worth over US\$63.6b.**
- ◉ The Global market size for solar wafers is ~ 250GW / 10 billion wafers.

The QSM Value Proposition

THE QSM ADVANTAGE: partnering with leading industry incumbents, integrated supply chain, proven & mature technology, no scaling risk, no IP risk and guaranteed off-takes for planned production.



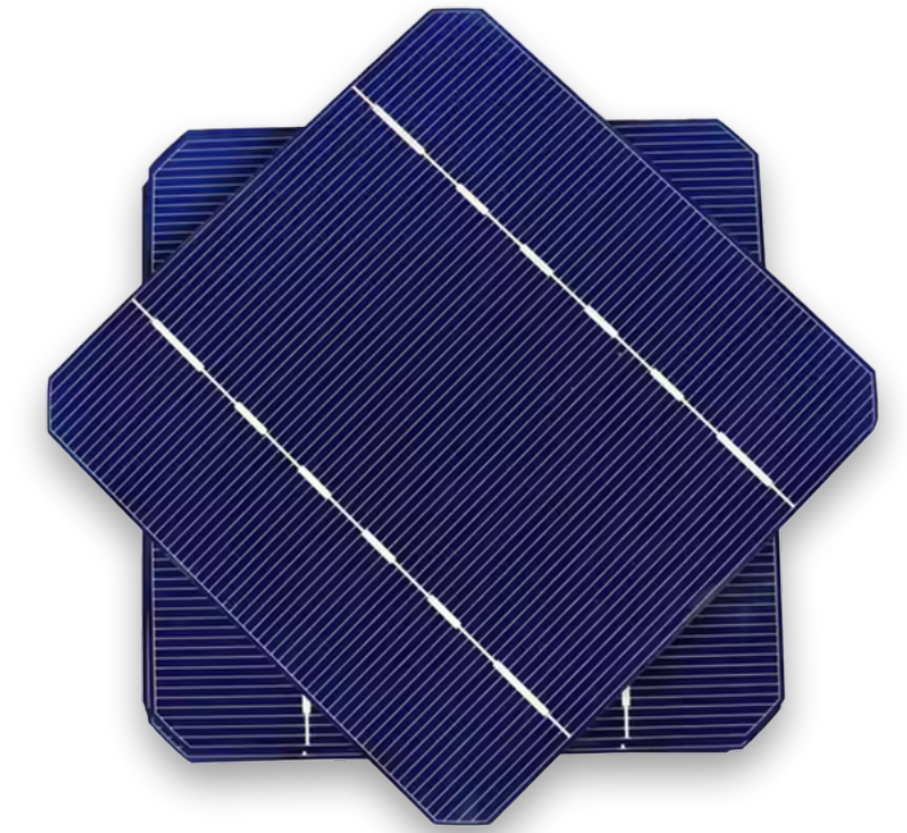
- **Uniquely placed to be profitable inside 12 – 18 months. Expected revenues of US\$1.2b or 2% of the US solar manufacturing market.**
- Structured for US and Australian government incentives including the Inflation Reduction Act, Chips Act and Made In Australia.
- **Strong pipeline of solar manufacturing projects:**
 - Joint ventures with tier 1 solar manufacturer and polysilicon producer.
 - New 3 gigawatt wafer & cell factory in USA, 90% ownership.
 - New 3-5 gigawatt ingot & wafer factory in USA, 70% ownership.
 - New 10-15 gigawatt ingot & wafer factory in USA.
- **The closest competitor in the US is Q-cells, a Korean solar producer establishing a 5 GW factory manufacturing Q-cells specific technology.**
 - Unlike Q-Cells, QSM products are brand and technology agnostic, filling a critical supply chain gap for all downstream American solar manufacturers.

QSM Unique Position

QSM is partnered with experienced industry leaders in solar manufacturing.

- **Members of The Silicon Module Super League.***
- One is a top four panel producer with global revenues of US\$18b.
- **One is a top three polysilicon producer with global revenues of US\$5.2b.**
- Have agreed to QSM production off-takes for the group's manufacturing output.
- **QSM is led by a team of global experts in their fields.**
- **QSM is developing its own US based supply chain, including:**
 - High-purity quartz sand, solar & semiconductor grade quartz crucibles, wafer & cell production as well as silicon and polysilicon metal production.
- **Partnered with a leading global investment bank which has \$300b in successful transactions in over 80 countries.**

** partners identified under NDA*



Go to Market Strategy

STAGE ONE: YEARS 1–3

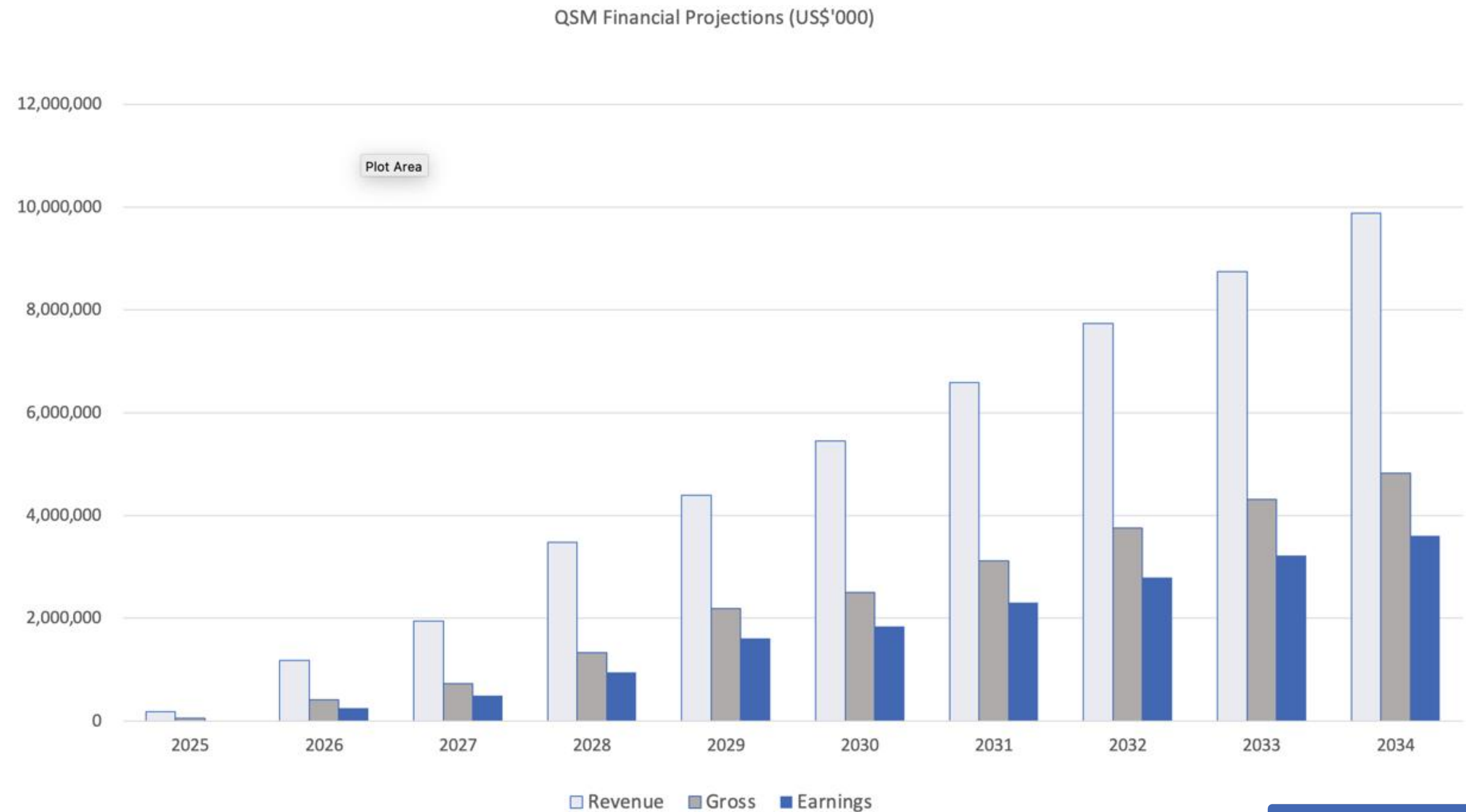
- A uniquely speedy take-to-market strategy for wafer and cell production with significantly lower capital costs in comparison to the competition.

STAGE TWO: YEARS 3–5

- Making our own high-purity quartz sand.
- Making our own crucibles.
- Growing ingots locally.
- Expanded wafer production facilitated on a Greenfield location.

STAGE THREE: YEARS 5 >

- Silicon production.
- Polysilicon production.



Investment Ask



- **Raising US\$10m – US\$30m**
 - 10% – 30% equity respectively.
 - Available in US\$250,000 tranches.
- **We are offering equity directly into QSM, the group parent, a US corporation.**
- The founding shareholder of QSM is a listed company which is prepared to offer a share exchange to investors requiring liquidity.
- **Growth track milestones:** forecast to exceed US\$253M within 24 months, rising to US\$495M within 36 months.
- By 2035, the company anticipates generating annual group earnings (EBITA) of US\$3.6B.
- **NPV of US\$8.3B:** GSTX / QSM integrated financial model estimates an NPV of US\$8.3B, calculated over a 10-year period using a 10% WACC.

Corporate Structure / Use of Funds

A portion of the investment (30%) is used to increase production of high purity quartz sand to 300-500 tons per year, generating US\$3M-\$5M profit per year.

The remainder of funds are used to prepare the factory projects for institutional funding/project finance:

- Undertake further de-risking of the USA and Australian wafer & cell plants.
- Secure government support for the planned production.
- Complete the pre-feasibility study and establish the project consortium for Southland Silicon.
- Prepare QSM for its A-Round fundraising.
- Prepare QSM for public trading.



QUARTZ & SILICON MATERIALS CORPORATION



WMC USA

WMC Australia

WMC Europe/SE Asia



ausquartz

AQ USA

AQ Australia

AQ Europe



Metal Silicon Smelter

New Zealand Polysilicon Plant

A WORLD CLASS INTERNATIONAL TEAM OF INDUSTRY EXPERTS

Management Team

- The QSM core team is comprised of 20 people, including world leading experts in solar, semiconductor and quartz manufacturing. Additionally, the team is comprised of experienced directors, legal and accounting experts, financial, marketing, and business development professionals.
- The team is led by **Jason May**. Jason is an experienced C-Level executive with a strong technical and business skillset. He has two publicly listed companies successfully exited under his watch and is a high purity quartz expert. Jason has worked extensively in mining, mineral processing, solar and semiconductor fields. Extensive business development experience in USA, UK, Canada, Australia, China, Germany, Japan and South Korea. Extensive network of C-Level/senior contacts across the solar sector.
- Further team bio's, including Linked-in profiles, are available.



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