

High Purity Quartz Sand Industry Analysis in South Asia & Oceania is Projected to Reach USD 150.2 Million by 2035

South Asia & Oceania high-purity quartz sand market to hit USD 150.2 million by 2035, fueled by solar and semiconductor sector growth.

ROCKVILLE, MD , MD, UNITED STATES, August 8, 2025 /EINPresswire.com/ -- The [South Asia and Oceania high-purity quartz sand market](#) is poised for substantial growth, driven by surging demand from the region's rapidly evolving solar energy and semiconductor manufacturing sectors. According to an in-depth industry analysis by Fact.MR, the market is projected to grow from USD 101.5 million in 2025 to USD 150.2 million by 2035, reflecting a compound annual growth rate (CAGR) of 4%.



High Purity Quartz Sand Industry Analysis in South Asia & Oceania

This growth trajectory underscores the strategic significance of high-purity quartz sand—a critical raw material used in the production of silicon wafers, solar photovoltaic (PV) panels, and high-performance glass used in advanced electronics. With both India and Australia ramping up investments in clean energy and semiconductor infrastructure, the region is emerging as a crucial node in the global high-purity quartz supply chain.

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Rising Demand Driven by Energy and Tech Transitions

India's national push toward renewable energy, backed by government initiatives such as the National Solar Mission and a surge in grid-scale solar projects, is significantly boosting demand for photovoltaic materials. Meanwhile, Australia's ambitions to develop a home-grown semiconductor ecosystem, combined with its abundant natural resources and advanced mining

infrastructure, are fostering new opportunities in mineral refinement and value-added quartz processing.

The increasing adoption of electric vehicles (EVs), smart electronics, and sustainable energy technologies in South Asia and Oceania is also augmenting the need for ultra-pure raw materials to maintain quality and reliability in high-tech manufacturing.

Competitive Landscape: Key Players and Strategic Movements

The market is currently witnessing competitive yet collaborative dynamics, as both regional and global players vie for dominance through technological innovation, partnerships, and capacity expansion.

Prominent players include:

Australian Silica Quartz Pty Ltd. – A leader in the development of ultra-high-purity silica products, the company is tapping into Asia's electronics boom while strengthening its export capacity to global tech hubs.

Iluka Resources – Known for its vertically integrated mining and processing operations, Iluka is exploring downstream processing avenues, including collaborations aimed at supplying refined materials for the semiconductor sector.

Ultra HPQ – This company is making headlines for its proprietary technologies aimed at achieving ultra-high purity levels, critical for next-generation electronics and solar applications.

Emerging regional startups and niche producers are also entering the arena, leveraging localized mineral reserves and government-backed industrial policies. However, the challenge remains in achieving the >99.99% purity level consistently at scale—a key benchmark for tier-1 applications in semiconductors and solar photovoltaics.

Recent Developments: Strengthening the Supply Chain

Recent months have seen a flurry of activity in the high-purity quartz space:

India's Ministry of Electronics and Information Technology (MeitY) announced new semiconductor incentive schemes that are expected to accelerate the demand for quartz-derived silicon wafers domestically.

Australian government-backed funding for critical minerals processing, including silica sand refinement projects, is gaining traction. This move aims to reduce import dependence and establish a resilient value chain within the region.

Multiple R&D collaborations between mining companies and academic institutions in both countries are focusing on cost-effective, environmentally sustainable refining technologies to support industrial-scale production.

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Strategic Outlook

The South Asia and Oceania region is uniquely positioned to emerge as a global hub for high-purity quartz sand production, backed by an abundance of raw material reserves, favorable policy frameworks, and strong demand from downstream industries.

While competition remains intense, players that invest in technological upgrades, precision processing, and ESG-aligned operations are likely to command higher market share. Companies aiming to tap into this upward trend should prioritize vertical integration, international certifications, and strategic alliances to build long-term competitiveness.

As global technology transitions accelerate, the high-purity quartz sand market in South Asia and Oceania stands at the cusp of transformative growth—offering lucrative opportunities for both investors and manufacturers.

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The global [high purity quartz sand market](#) is projected to increase from USD 651.2 million in 2025 to USD 945.6 million by 2035, with a CAGR of 3.8% during the forecast period.

Worldwide revenue from the [high purity silica market](#) is estimated to stand at US\$ 1 billion in 2024 and is slated to increase at a CAGR of 7.7% to reach US\$ 2.11 billion by 2034, as stated in a report by Fact.MR.

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