



# Silica Manufacturing Facility – Syria

## The Opportunity

Silica is a critical industrial mineral used in glass, solar panels, electronics, and construction. Syria has significant silica reserves, but little value-added processing capacity. This project will establish a silica purification and manufacturing facility to serve local and export markets.

## Market Demand

- Global silica demand growing at 6% CAGR, led by solar and tech
- Local demand for glass, fiber optics, and construction is rising
- MENA region lacks silica value-chain facilities
- Strategic feedstock for solar panel and chip production

## Investment Snapshot

- Capital Requirement: \$10–15 million
- Processing Capacity: 50,000+ tons/year
- Products: High-purity silica, industrial sand, quartz
- Breakeven: Year 3–4 with vertical integration potential

## Competitive Advantage

- Access to raw material within Syria
- Targets high-margin industries (solar, semiconductors)
- Lower production and transport costs than imports
- Aligned with solar and electronics manufacturing ecosystem

## Strategic Impact

- Supports downstream solar, glass, and tech sectors
- Diversifies Syria's industrial base
- Creates 300+ skilled jobs in extraction and processing