



# SOUTHEAST ASIA

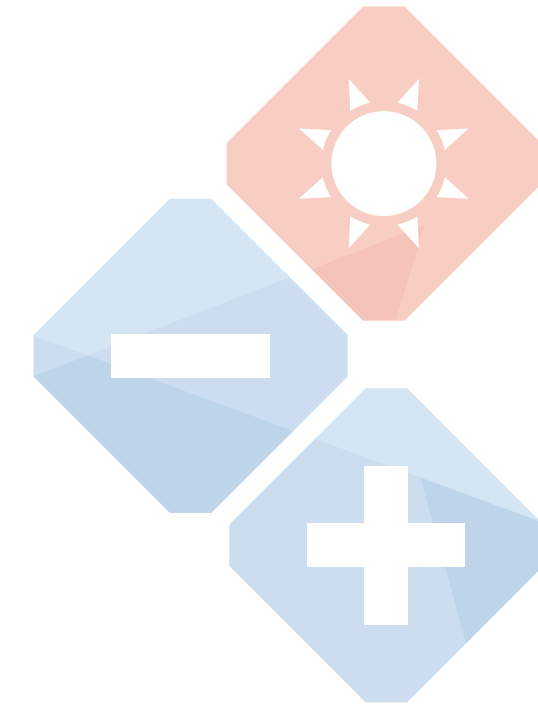
## SOLAR SUPPLY CHAIN MAP

Q1 2024



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## ABOUT US

Since 2009, Sinovoltaics, a Dutch-German solar photovoltaic and BESS technical compliance and quality assurance service firm has been a pioneer in the Solar photovoltaic and BESS industries.

With our SELMA software and industry leading Zero Risk Solar® guarantee, our mission is to eliminate all photovoltaic & BESS product defects, enabling investors and the world to succeed with minimal investment risks.

We have inspectors located in China, Vietnam, Cambodia, India, Turkey, and the United States. They are ready to visit your supplier factory.

# INTRODUCTION

## Sinovoltaics Solar Supply Chain Maps

Dive into the heart of the solar industry, exploring the latest maps showcasing existing and future solar module manufacturers alongside their critical suppliers in solar cells, wafers, ingots, and polysilicon.

### Key Features:

- **Region-Specific Maps:** Tailored for each thriving solar market - North America, Europe, Southeast Asia, and India.
- **Manufacturer Directory:** Access up-to-date information on solar manufacturers operating in each region. Stay ahead of the curve by understanding the key players in each market.
- **Expansion Tracking:** Stay informed on industry growth with real-time updates on which manufacturers are currently building new facilities.
- **Comprehensive Updates:** Our dedicated team ensures that the solar supply chain maps are refreshed every 4 months, offering the latest information on evolving market dynamics.

Sinovoltaics' Solar Supply Chain Maps empower you with the knowledge needed to navigate the global solar landscape effectively. Download the latest maps now and stay ahead in the race to harness the potential of solar energy.



# SOLAR SUPPLY CHAIN SOUTHEAST ASIA

**Module** Module capacity (GWp)

**Cell** Cell capacity (GWp)

**Wafer** Wafer capacity (GWp)

**Ingot**

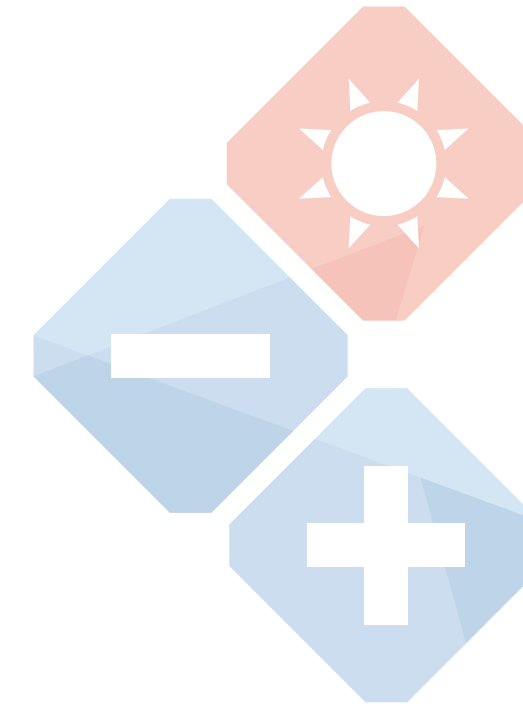
**Polysilicon** Polysilicon capacity (GWp)

**MGS** MGS (Metric tonnes)

List of factories from the same Country







## ARE YOU A SOLAR MANUFACTURER?

In our next edition of the Southeast Asia Solar Supply Chain Map, we aim at listing how procurement stakeholders can contact each factory.

Do not hesitate to reach out at [contact@sinovoltaics.com](mailto:contact@sinovoltaics.com) so we can list your contact details.

Also, if your solar manufacturing project is not listed, or has been updated, please contact us and share your latest ambitions. We will include it in our next release.

# SOURCES

The report presents data compiled from various sources, including publications, market reports, manufacturer press releases, and Sinovoltaics' direct relationships with manufacturers. We extend our gratitude to these valuable data contributors.

<https://www.mckinsey.com/industries/electric-power-and-natural-gas/our-insights/building-a-competitive-solar-pv-supply-chain-in-europe>  
<https://solaralliance.eu/meet-our-members/>  
<https://www.solarstewardshipinitiative.org/about-ssi/supporters/>  
<https://www.solarpowereurope.org/insights/interactive-data/solar-manufacturing-map>  
<https://esmc.solar/esmc-members/>  
<https://www.enfsolar.com/directory/panel/monocrystalline?country=187>  
[https://www.solarfeeds.com/?catid=60&country=United%20Kingdom&supplied\\_project=Austria&capacity=52](https://www.solarfeeds.com/?catid=60&country=United%20Kingdom&supplied_project=Austria&capacity=52)  
<https://ibc4.eu/>  
<https://www.solarpowerworldonline.com/u-s-solar-panel-manufacturers/>  
<https://ases.org/canada-to-build-polysilicon-foundry/>  
[https://finance.yahoo.com/news/16-largest-silicon-producers-world-212541541.html?guccounter=1&guce\\_referrer=aHR0cHM6Ly93d3cuZ29vZ2x1LmNvbS8&guce\\_referrer\\_sig=AQAAAJhloJ-eDh0MkksZ6fuAX6Xt7Xs0LSLx84IsCJmupL\\_mfZsHGHCfXByXISwR2-R4T9CG65hibs9X8vGuZfCwKGtiJFQLtqfdsgGySw75TTdtloCfXBE2hoEB24mwVlyP4Cd\\_Ty\\_AGbLV2Bv61NvfkEguyZKTN9X3tgk17DgSRP-w](https://finance.yahoo.com/news/16-largest-silicon-producers-world-212541541.html?guccounter=1&guce_referrer=aHR0cHM6Ly93d3cuZ29vZ2x1LmNvbS8&guce_referrer_sig=AQAAAJhloJ-eDh0MkksZ6fuAX6Xt7Xs0LSLx84IsCJmupL_mfZsHGHCfXByXISwR2-R4T9CG65hibs9X8vGuZfCwKGtiJFQLtqfdsgGySw75TTdtloCfXBE2hoEB24mwVlyP4Cd_Ty_AGbLV2Bv61NvfkEguyZKTN9X3tgk17DgSRP-w)  
<https://www.thyssenkrupp.com/en/newsroom/press-releases/kazakhstan-s-first-silicon-metal-plant-starts-production-3160.html>  
<https://www.globenewswire.com/en/news-release/2010/12/21/1850686/0/en/AMG-acquires-solar-silicon-casting-technology-from-BP-Solar-International-Inc.html>  
<https://evertiq.com/design/53069>  
<https://xml.metalbulletin.com/Article/3846601/Steel-All/Ferroglobe-to-slash-silicon-metal-capacity-on-weak-pricing.html>  
<https://www.linkedin.com/pulse/metallurgical-grade-silicon-metal-market-5qbf/>  
<https://www.pv-magazine.com/2023/07/31/heliene-plans-to-manufacture-1-gw-solar-modules-1-5-gw-solar-cells-in-the-u-s/>  
<https://www.photon.info/en/news/silfab-solar-increases-module-capacity-120-mw>  
<https://amg-nv.com/investors/press-release/amg-announces-expansion-of-production-capacity-for-solar-grade-silicon/>  
<https://www.pv-magazine.com/2018/08/15/hpq-silicons-plan-to-launch-integrated-pv-production-moves-forward/>  
<https://www.globenewswire.com/news-release/2018/11/13/1650620/0/en/Canadian-Metals-officially-begins-its-Industrial-Definitive-Feasibility-Study-for-the-first-commercial-DC-furnace-in-the-world-to-produce-silicon.html>  
<https://www.gob.mx/epn/es/articulos/primeras-fases-de-la-fabrica-de-paneles-solares-iusasol-y-central-solar-fotovoltaica-don-alejo#:~:text=%2D%20En%20su%20totalidad%2C%20este%20proyecto,fotovoltaica%20m%C3%A1s%20grande%20de%20Latinoam%C3%A9rica.>  
<https://www.stacelectric.com/wp-content/uploads/2017/01/STACE-Solar-Solution-Brochure-EN.pdf>  
<https://www.solarpowerworldonline.com/u-s-solar-panel-manufacturers/>  
<https://convalt.com/Watertown4GW.html>  
<https://mnre.gov.in/approved-list-of-models-and-manufacturers-alm/>  
<https://www.enfsolar.com/directory/material/cell?country=102>  
<https://aisia.org.in/aisia-member-list/>  
<https://emmvee.com/emmvee-breaks-ground-on-new-solar-cell-module-manufacturing-project/>  
<https://www.saurenergy.com/solar-energy-blog/indias-top-10-solar-module-manufacturers-based-on-aisma-list>  
<https://www.linkedin.com/pulse/polysilicon-indias-production-potential-solar-module-manufacturing/>  
<https://www.seetao.com/details/209542.html>





# ELIMINATE RISKS AND GUARANTEE PROJECT ROI

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