

Solar panels in Southeast Asian factories



Overview

The arrival of factories backed by Chinese solar heavyweights such as Trina, Longi, JA Solar and Jinko Solar, among nearly 20 other competitors, has transformed Malaysia, Vietnam, Thailand and Cambodia into world-leading production and export hubs for a range of solar components. The first 2025 edition of the Southeast Asia Solar Supply Chain Map includes significant revisions and additions, driven by valuable market feedback and the region's evolving geopolitical and industrial dynamics. This report forms part of Sinovoltaics' global market intelligence series. Sinovoltaics' Solar Maps report expects solar PV module capacity to increase from current capacity of 86 GW to 101 GW by 2028, or 2030. , and Scatec ASA compete through innovations in technology, strong partnerships, and broad project development. Our analyst view examines how these companies differentiate via manufacturing capabilities and . The latest supply chain report from the Hong Kong-based technical compliance and quality assurance company covers the Southeast Asia region, providing information about 50 manufacturing sites.

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[Southeast Asia's Solar Cell Production To Jump Up To 68 GW By 2030](#)

Sinovoltaics' latest solar PV supply chain map for Southeast Asia includes 58 projects in Vietnam, Indonesia, Thailand, Malaysia, Cambodia, Singapore, and Laos.

Top Southeast Asia Solar Energy Companies

Get profiles of Southeast Asia Solar Energy companies - leading, established, and top emerging players - with analyst insights, competitive matrices, and strategic positioning details of these firms.



What next for Southeast Asia's China-backed solar boom?

The arrival of factories backed by Chinese solar heavyweights such as Trina, Longi, JA Solar and Jinko Solar, among nearly 20 other competitors, has transformed Malaysia, Vietnam,

Southeast Asia Solar Supply Chain Map 2025

Hong Kong-based Sinovoltaics has recently released the inaugural edition of its Southeast Asia Solar Supply Chain Map 2025, offering valuable insights into the rapidly changing solar





Sinovoltaics maps out Southeast Asian PV manufacturing sites

The map includes factories in Cambodia, Indonesia, Malaysia, Singapore, Thailand, and Vietnam. The details are represented in an infographic map and a data table.

[Top 10 Asian Solar Companies 2025: Global Rankings & Innovations](#)

In 2025, Asian manufacturers have solidified their position as global solar powerhouses, controlling over 82% of worldwide module production. This leadership stems from continuous R&D investment



The sun is setting on Southeast Asia's solar exporters

Southeast Asia's solar panel manufacturers are facing hard times. Having benefited from anti-China trade measures, Southeast Asia had become the largest source of US solar photovoltaic

[Sinovoltaics Charts Future of Solar Manufacturing in Southeast Asia](#)

The market insights series features maps for the region - showcasing existing and future solar module manufacturers alongside their critical suppliers in solar cells, wafers, ingots, and



[Sinovoltaics Southeast Asia SEA Solar Energy Supply Chain Map](#)

This edition of the Southeast Asia Solar Supply Chain Map provides a detailed snapshot of

current realities and future ambitions, as the region navigates complex trade, investment, and production

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