MENA and SUB-SAHARAN AFRICA

SOLAR SUPPLY CHAIN MAP

Edition 2025

ABOUT US

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

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

We have inspection teams located in Mainland China, Vietnam, Thailand, India, Türkiye, 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, India and MENA & Sub-Saharan Africa.
- **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.

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- The Middle East region and continent of Africa seem to be keen to be a key player in the solar PV supply chain, by taking it big and providing full vertical integration. A smart approach and lesson learnt by challenges in Europe, India and North America which do not yet have enough or any local supply of polysilicon, wafer, cell production capacity. As the region is in close proximity to the European and Sub-Saharan African markets it could potentially provide the demand locally and neighbouring regions at this rate. Making the region well positioned as a likely replacement for South East Asia as an exporter for PV modules (see our **Sinovoltaics South East Asia Solar Supply Chain Map** for more insights). Depending on the US tariffs, the region may even be a likely candidate for export if tariffs remain at 10%, though the 30% tariff on South Africa may provide a challenge.
- The manufacturing growth is largely spurred by government support and local content requirements, but challenges remain. Those challenges being grid infrastructure and supply chain disruptions. Though these developments could help in reducing the dependence on foreign suppliers, the lion's share of the manufacturing capacity would be Chinese. Nonetheless, the investments and goals are fantastic as it will create jobs, and help the region in its clean energy transition while divesting from fossil fuel alternatives.
- All in all, according to the latest press releases; 2030 could see 62.12 GW of PV module manufacturing, 52.55 GW of cell production, 45 GW of polysilicon and 290000 tons of MG-si coming from these two regions.

SOLAR SUPPLY CHAIN MENA & SUB-SAHARAN AFRICA

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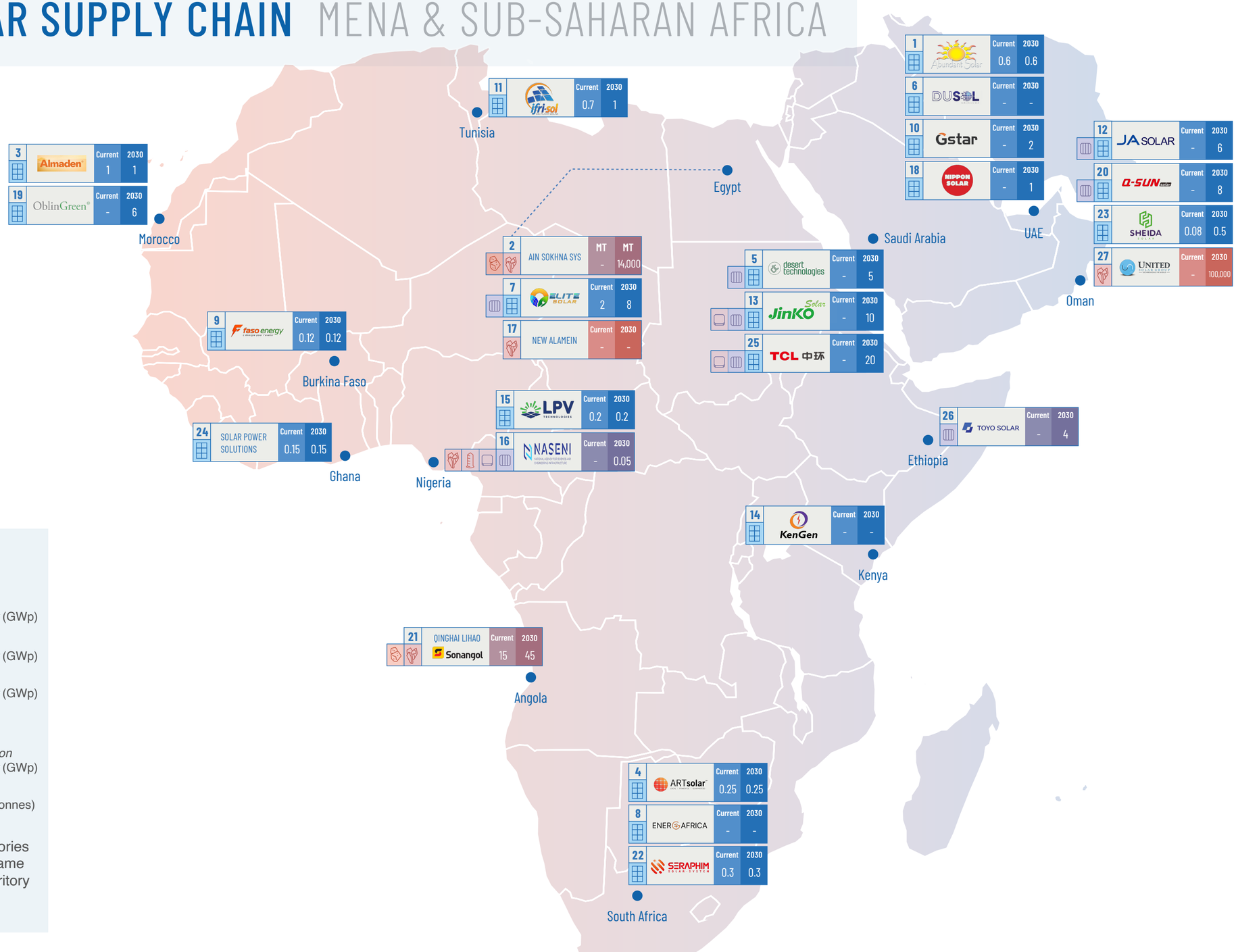

LEGEND

- 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 State / Territory

No.	Company Name	State / Country	Module GWp Current	Module GWp 2030	Cell GWp Current	Cell GWp 2030	Wafer GWp Current	Wafer GWp 2030	Ingot GWp Current	Ingot GWp 2030	Polysilicon GWp Current	Polysilicon GWp 2030	MGS Metric Tonnes 2024	Website
1	Abudance	UAE	0.6	0.6	-	-	-	-	-	-	-	-	-	-
2	Ain Sokhna SIS	Egypt	-	-	-	-	-	-	-	-	-	-	14,000	-
3	Almaden	Morocco	1	1	-	-	-	-	-	-	-	-	-	https://almaden-energy.com
4	ART Solar	South Africa	0.25	0.25	-	-	-	-	-	-	-	-	-	https://artsolar.net
5	Desert Technologies	Saudia Arabia	-	5	-	5	-	-	-	-	-	-	-	https://www.desert-technologies.com/
6	DuSol	UAE	-	-	-	-	-	-	-	-	-	-	-	https://www.dusol.ae/
7	Elite Solar	Egypt	-	-	2	8	-	-	-	-	-	-	-	https://elitesolar.co.za
8	Ener-G-Africa	South Africa	-	-	-	-	-	-	-	-	-	-	-	https://ener-g-africa.com
9	Faso Energy	Burkina Faso	0.12	0.12	-	-	-	-	-	-	-	-	-	https://www.fasoenergybf.com
10	Gstar	UAE	-	2	-	-	-	-	-	-	-	-	-	https://gstarsolar.com/
11	Ifrisol	Tunisia	0.7	1	-	-	-	-	-	-	-	-	-	https://www.ifrisol.solar
12	JA Solar	Oman	-	6	-	3	-	-	-	-	-	-	-	https://www.jasolar.com/html/en/
13	Jinko	Saudi Arabia	-	10	-	10	-	-	-	-	-	-	-	https://www.jinkosolar.com/en
14	KenGen	Kenya	-	-	-	-	-	-	-	-	-	-	-	https://kengen.co.ke
15	LPV Technologies	Nigeria	0.2	0.2	-	-	-	-	-	-	-	-	-	https://lpvtechnologies.com
16	NASENI	Nigeria	-	-	-	0.05	-	-	0.05	0.5	0.003	0.003	-	https://naseni.gov.ng
17	New Alamein	Egypt	-	-	-	-	-	-	-	-	-	-	-	-
18	Nippon	Dubai	-	1	-	-	-	-	-	-	-	-	-	https://www.nipponenergy.co
19	Oblin Green	Morocco	-	6	-	-	-	-	-	-	-	-	-	https://lpvtechnologies.com
20	Q Sun	Oman	-	8	-	2	-	-	-	-	-	-	-	https://www.q-sunsolar.com/
21	Qinghai Lihao Clean Energy/Sonangol	Angola	-	-	-	-	-	-	-	-	15	45	50,000	https://www.sonangol.co.ao
22	Seraphim Solar	South Africa	0.3	0.3	0.5	0.5	-	-	-	-	-	-	-	https://www.seraphim-energy.com
23	Sheida	Oman	0.08	0.5	-	-	-	-	-	-	-	-	-	https://www.sheidasolar.com/
24	Solar Power Solutions	Ghana	0.15	0.15	-	-	-	-	-	-	-	-	-	https://sps.com.gh
25	TCL Zhonguan Renewable Energy	Saudia Arabia	-	20	-	20	-	-	-	-	-	-	-	https://www.tcl.com/global/en/photovoltaic/about-us
26	Toyo	Ethiopia	-	-	-	4	-	-	-	-	-	-	-	https://www.toyo-solar.com
27	United Solar Group	Oman	-	-	-	-	-	-	-	-	-	-	100,000	https://unitedsolargroup.com/

ARE YOU A SOLAR MANUFACTURER?

In our next edition of the MENA and Sub-Saharan Africa 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 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.

- PV Magazine Press Release
- PV Tech Press Release
- Ecoprogetti Press Release
- JvG technologies Press Release
- MEED Press Release
- LinkedIn posts

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