

Masdar Company Profile

2023



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About Masdar

Masdar Alternative Energy has been established in 2017 in Third Industrial City at Dammam, Saudi Arabia. It is a state-of-the-art facility that specializes in the production of photovoltaic modules.

Masdar is equipped with fully- automated production lines, to adopt latest advanced technologies and processes to manufacture high efficiency and reliable PV Modules. Quality is well-controlled ensuring that each solar panel is produced to exact specifications and international quality standards.



About Masdar

Our annual production capacity is 500 MWp. And it is being increased to meet the growing demand for renewable energy solutions in Saudi Arabia and Worldwide. Our target is to reach 2.0 GWp by end of 2023.

Masdar plays a crucial role in advancing the adoption of sustainable and clean source of electricity. Driving the kingdom of Saudi Arabia to achieve its goal of having 50% of its power generated from renewable sources by 2030 and paving the way of net zero carbon emissions by 2060. Masdar contributes to the growth of the renewable energy sector by producing high-quality solar panels that are used in residential, commercial, and utility-scale solar installations. with latest available technology in the market.

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Masdar

Vision & Mission

Vision

Our vision at Masdar is to lead the renewable energy industry in MENA region. and to play a key role in driving the kingdom of Saudi Arabia to achieve its goal, of having 50% of its power generated from renewable sources by 2030.. Our ultimate goal is to enable everyone to have access to clean energy, thereby creating a better and more sustainable world for generations to come

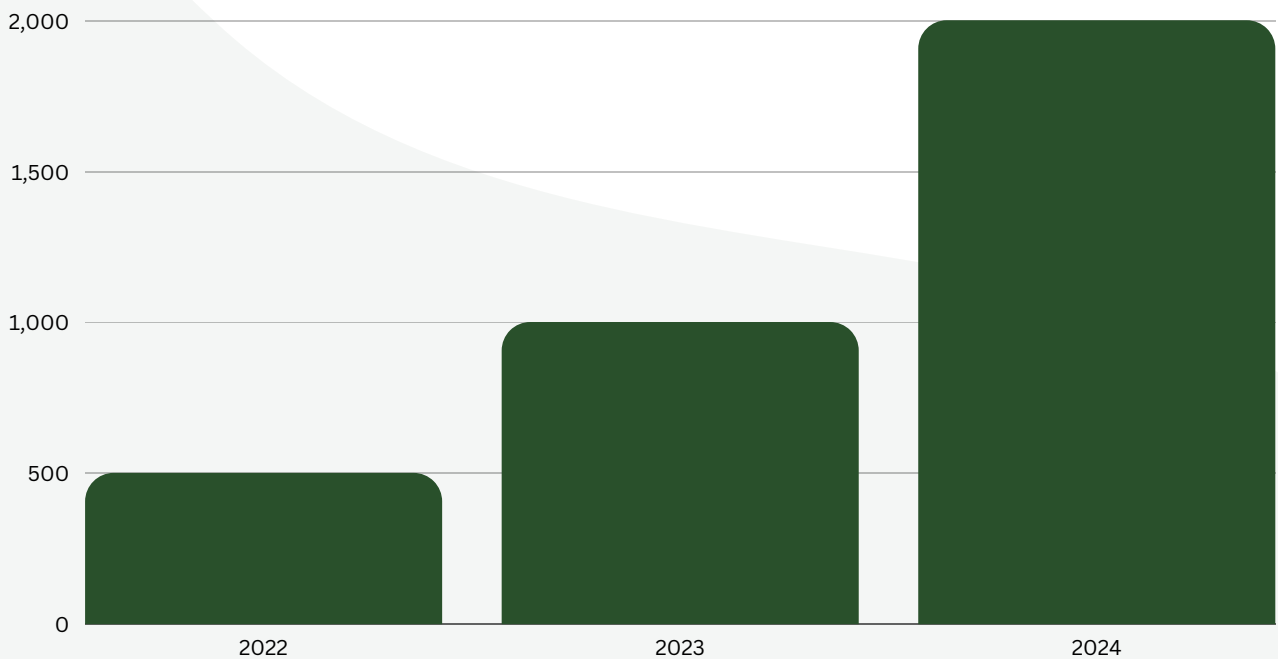
Mission

At Masdar, our mission is to provide our customers with the highest quality solar panels that are both cost-effective and environmentally sustainable. We are dedicated to using latest innovative technologies and materials to manufacture products that are reliable, efficient, and durable. Our commitment to reducing our carbon footprint and minimizing waste throughout the manufacturing process is integral to our mission. We strive to make solar energy accessible to everyone by promoting the benefits of renewable energy and working towards a greener future. We are committed to being a leader in the PV industry and providing exceptional value to our customers.

Masdar

Timeline

- Our current capacity is 500 MW
- Our target to achieve 2000 MW by 2024
- Our target to expand more than 2 GW

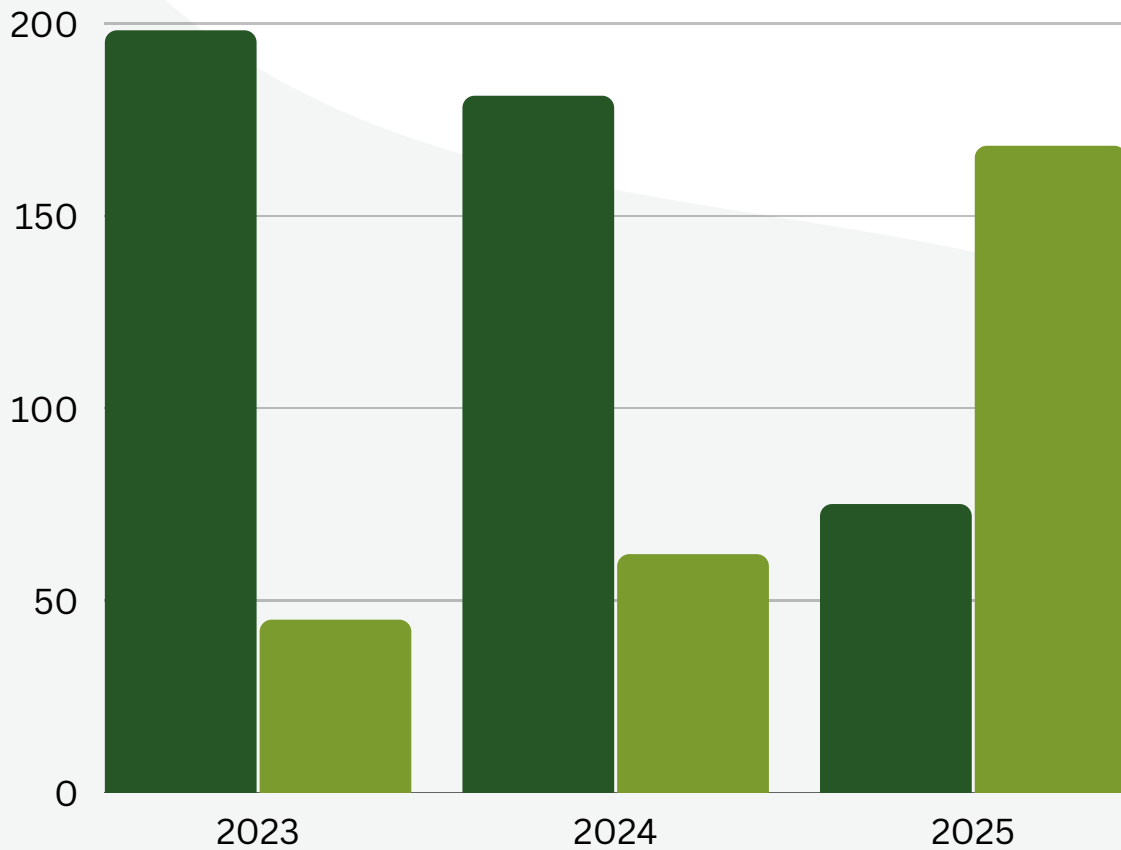


Masdar

Timeline

Three Year Forecast to Develop Local Supplier
And Increase Local Content Score.

Three Year Plan to Develop Local Suppliers
China Vs KSA
In Millions SAR





Masdar

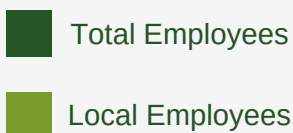
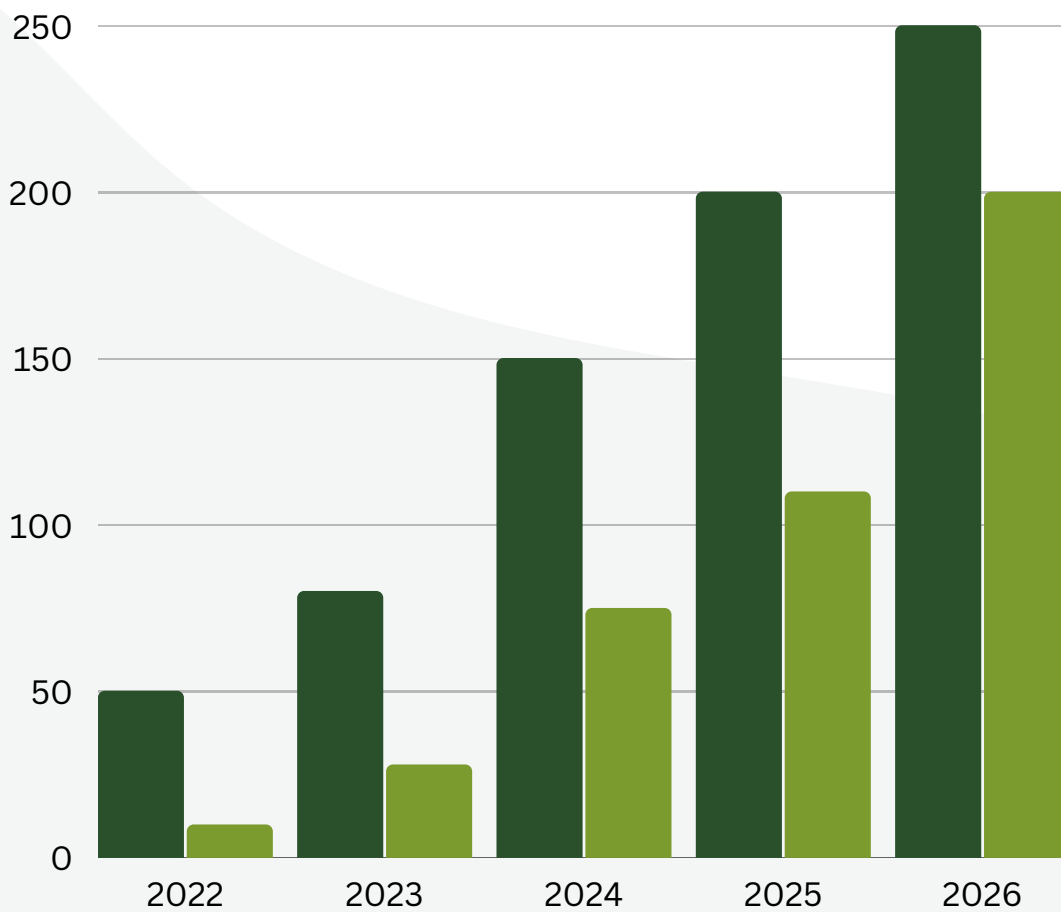
Timeline

Year	Materials	Status
2022	Al Frame	Developed
2022	Encapsulant	Developed
2023	Ribbon	Under process
2024	Junction Box	Under process
2024	Glass	Under process
2025	Solar Cells	Has not Started yet

Masdar

Timeline

Total Employees VS Local





Masdar

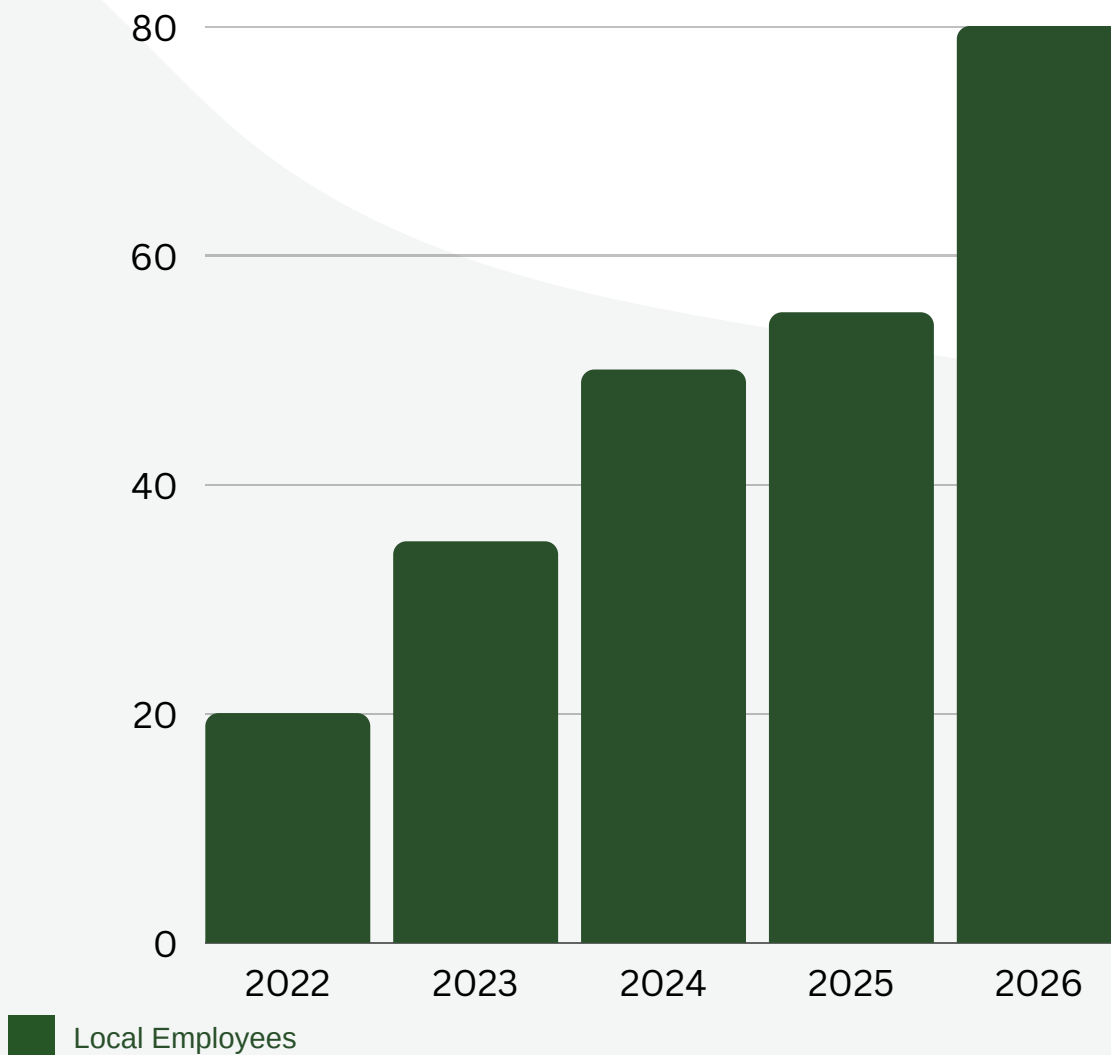
Timeline

Masdar hired best engineers in world in the field of solar

Our target hire more than 250 employees in four years

We will provide best training to local people and hire more local engineers

Our target is 80 % of local employees will operate our factory within four year



ISO Certifications



ISO Certifications



ISO Certifications



Products

Certifications

We are keen to test our product upon latest international certification.

IEC 61215, IEC 61730, IEC TS 62804, IEC 60068, IEC 62716, IEC 61701, IEC TS 62782



500 MW – Stringing Machine



500 MW – Laminators

Products

Cetifications

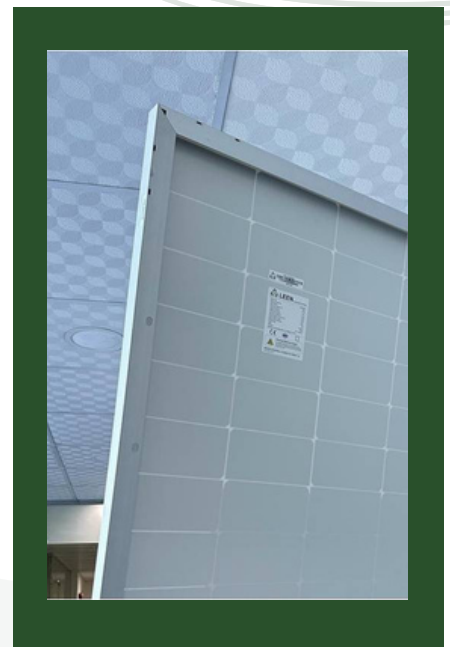
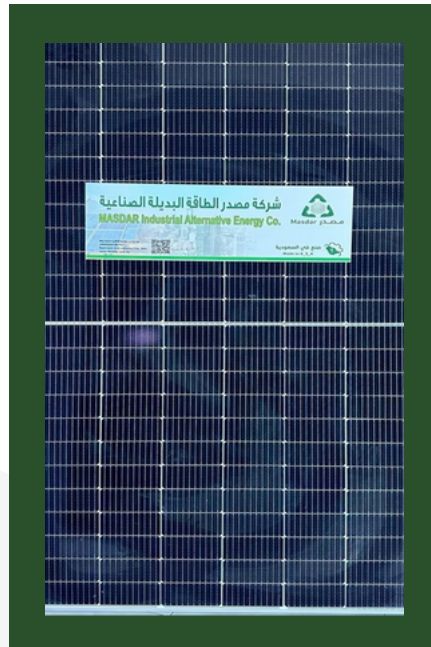
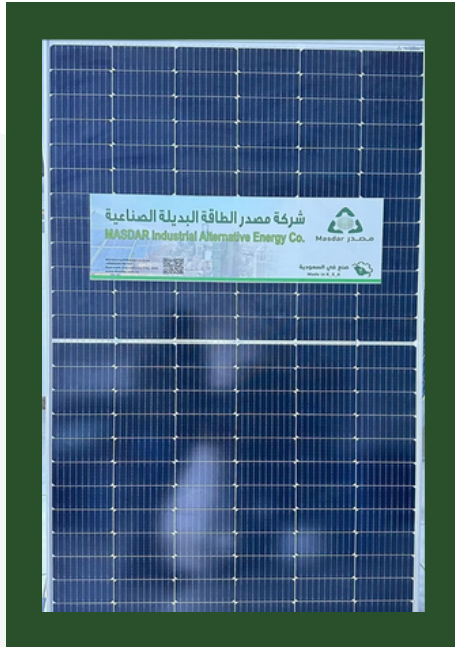
500 MW – Production Floor-1st



Products

Cetifications

450Wp & 550Wp Module





Thank You

We would like to extend our heartfelt gratitude to all our valued customers and partners who have supported us on our journey as a solar energy company. Your trust in our products and services has been instrumental in our success. We remain committed to providing innovative and sustainable energy solutions that make a positive impact on our environment. Thank you for being a part of our mission to create a brighter, cleaner future.



Contact Us



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