



شركة رواد المملكة للطاقة المتجددة
KINGDOM PIONEER
FOR RENEWABLE ENERGY

KINGDOM OF SAUDI ARABIA

Company Profile

Solar PV manufacturing development in Saudi Arabia

Developing local photovoltaic module manufacturing capacity for the Saudi market and future exports.

SEPTEMBER 2026

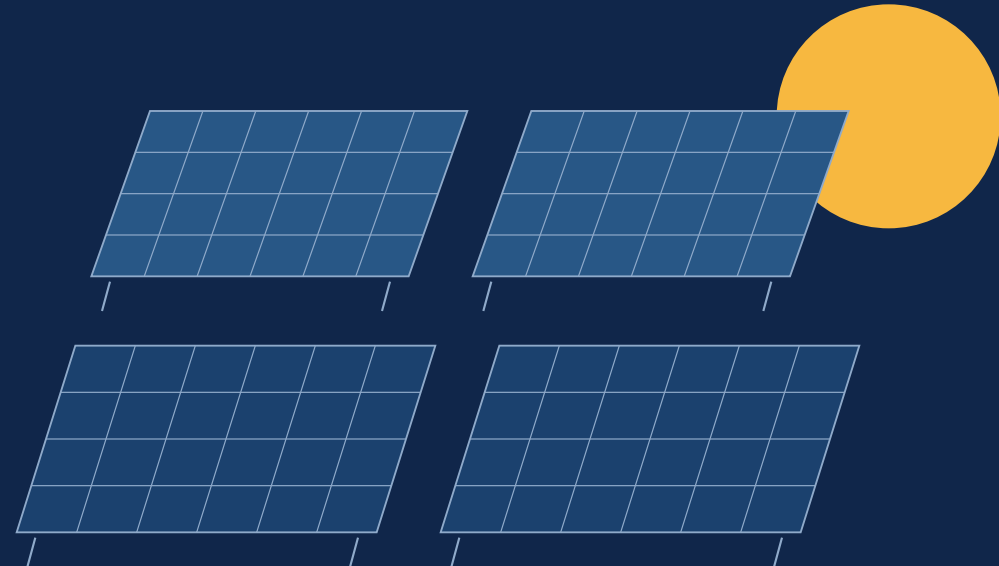
PLANNED MANUFACTURING CAPACITY

1 GW

Phase I annual PV module capacity

Up to 6 GW

Long-term expansion ambition,
subject to demand and feasibility.



PROJECT UNDER DEVELOPMENT



COMPANY OVERVIEW

A Saudi solar manufacturing business

Kingdom Pioneers for Renewable Energy Company is a Saudi limited liability company focused on developing photovoltaic (PV) module manufacturing in the Kingdom. Its registered activity includes the manufacture of solar panels and their parts.

Our current project combines industrial development, technology transfer and workforce training to build local manufacturing capacity, with a focus on production quality and efficient operations.

OUR VISION

To establish a competitive Saudi manufacturing business serving renewable energy markets and supporting the industrial objectives of Saudi Vision 2030.

LEADERSHIP

Eng. Sultan Bin Mahdi

Chief Executive Officer

Electrical Power Engineer with experience in industrial development, technology transfer and establishing strategic manufacturing projects.

Leads the company's development and engagement with Saudi industrial and energy stakeholders.



MANUFACTURING PROJECT

Phased capacity development

Phase I is planned at approximately 1 GW of annual PV module capacity. Expansion will follow validated customer demand, operating performance and approved investment decisions.

PHASE I

1 GW

Planned annual module capacity

EXPANSION AMBITION

Up to 6 GW

Progressive capacity expansion

PRODUCT FOCUS

High-efficiency PV modules

Technical development

Module technology, equipment configuration and automation will be defined through detailed technical and commercial assessment.

Production priorities

Quality systems, process control, traceability and manufacturing efficiency are central to the planned factory design.



INDUSTRIAL PRIORITIES

Localization and workforce development

The development plan prioritizes practical manufacturing capability in Saudi Arabia, with training and operating systems designed to support reliable production.



Technology transfer

Build local knowledge of manufacturing processes, quality systems and production management.



Saudi workforce

Develop practical skills through structured technical training and on-the-job learning.



Local supply chain

Identify viable opportunities to source manufacturing inputs, industrial services and support activities locally.



Responsible operations

Integrate resource efficiency, workplace safety and production quality into factory planning.



COMMERCIAL DIRECTION

Target markets and site strategy

MARKET FOCUS

Saudi Arabia

Primary focus on utility-scale solar projects and the development of local supply for Saudi energy-sector customers.

FUTURE EXPORT TARGETS

Africa / Europe / United States

Market entry will depend on product qualification, customer acceptance and applicable import requirements.

SAUDI INDUSTRIAL LOCATION

The final site will be selected following technical and commercial assessment. Land requirements will reflect the current project scope and future expansion needs.

- **Logistics** Port access and efficient supply routes
- **Utilities** Power, water and service availability
- **Expansion** Land and infrastructure for future phases
- **Economics** Development and operating cost



IMPLEMENTATION

Development roadmap

A staged approach connects technical definition, site readiness and market preparation to commissioning and future growth.

01

Define the project

Product scope, feasibility and technical design.

02

Secure the site

Industrial land, project approvals and financing.

03

Build and qualify

Equipment installation, training and product testing.

04

Start and expand

Commissioning, customer qualification and phased growth.

18-24 months

Indicative implementation target from definitive project agreements, subject to site, approvals, financing and equipment delivery.