

An aerial photograph of a vast solar farm during the golden hour of sunset. The sun is low on the horizon, casting a warm, orange glow over the landscape. The solar panels are arranged in neat, parallel rows, reflecting the bright light of the setting sun. In the background, rolling hills and mountains are visible under the soft light of the twilight sky.

Bainsun Energy & Infrastructure Pvt Ltd

WHERE THE FUTURE IS BRIGHT, AND THE ENERGY IS CLEAN

Enablers of Change

Established in 2017 and converted to Pvt Ltd in 2023, our journey began with a vision to harness the sun's boundless energy. We set out to democratize solar energy, making it accessible, affordable, and adaptable for everyone—from residential consumers to sprawling industrial complexes.

We are not just a solar company; we are innovators and problem-solvers. Our approach encompasses design, installation, and maintenance, ensuring projects exceed expectations.



“True sustainability begins with community.”

The Blueprint: Vision & Mission



VISION

We envision a future where clean energy is universal—a world where Solar Smart leads the way in making solar power the cornerstone of global energy consumption.



MISSION

To revolutionize access to solar energy, making it a seamless, affordable choice for every household and business.

Strategic Roadmap



Unlocking the PM Surya Ghar Yojna Opportunity

The Initiative

An ambitious government scheme accelerating solar adoption in residential areas through substantial subsidies.



The Bainsun Advantage

We navigate the policy intricacies on behalf of our clients.



Financial Viability: Making the transition affordable for a vast segment of the population.



Seamless Integration: Full support from system design to paperwork and implementation.

Empowering India's energy future through strategic partnerships.

SOLAR SOLUTIONS FOR EVERY NEED



RESIDENTIAL SOLAR SYSTEM

Power your home. Save every day.



Lower Electricity Bills



Clean & Renewable



Reliable & Safe



Increase Property Value

HOW IT WORKS



Solar Panels



Inverter



Your Home



Grid
(If Required)

IDEAL FOR

Homes • Villas • Apartments • Housing Societies

✓ No investment options available (Self-investment model)



COMMERCIAL SOLAR SYSTEM

Smart energy for your business.



Reduce Operating Costs



Improve Profitability



Sustainable Business



Long-term Energy Security

HOW IT WORKS (OWNED SYSTEM)



Solar Panels



Inverter



Your Business



Grid
(If Required)

FINANCING OPTION - PPA (POWER PURCHASE AGREEMENT)



We install & maintain the solar system



You pay only for the electricity you use



No upfront investment from your side

IDEAL FOR

Offices • Schools • Hospitals • Hotels • Malls • Retail Stores



INDUSTRIAL SOLAR SYSTEM

Maximize efficiency. Power growth.



Significant Cost Savings



High Energy Independence



Sustainable Operations



Hedge Against Rising Tariffs



Enhance Competitiveness

POWER DELIVERY OPTIONS

OPEN ACCESS - WE PROVIDE ELECTRICITY



We generate solar power and supply electricity to you through Open Access. You get 100% clean power with cost savings.

PPA - ZERO INVESTMENT OPTION



No Investment Required



We Install & Maintain



You Pay Only for the Electricity You Use

You don't have to invest anything. We build, own & operate the plant.

IDEAL FOR

Factories • Manufacturing Units • Warehouses • SEZs • Large Industries



CLEAN ENERGY



COST SAVINGS



RELIABLE & SAFE



A BETTER TOMORROW



RESIDENTIAL PROJECTS COMPLETED



Nagpur, Maharashtra, India

Lord Buddha Nagar, Lord Buddha Nagar,
Nagpur, Maharashtra 440017, India
Lat 21.173568, Long 79.101328
08/04/2025 11:25 AM GMT+05:30
Note : Captured by GPS Map Camera



Nagpur, Maharashtra, India

Lat 21.173571, Long 79.101351
08/27/2025 12:25 PM GMT+05:30
Note : Captured by GPS Map Camera



Nagpur, Maharashtra, India

53ff+ggc, Rajnagar, Nagpur, Maharashtra
440013, India
Lat 21.173892° Long 79.073728°
Thursday, 30/04/2026 11:44 AM GMT +05:30

SOLAR PLANT SYSTEM

FOR HOUSING SOCIETY

Clean Energy. Lower Bills. Sustainable Living.



REDUCE
ELECTRICITY COST



CLEAN &
GREEN ENERGY



ENERGY
SECURITY



LONG TERM
SAVINGS

TWO POPULAR MODELS TO GO SOLAR



OWN CAPTIVE MODEL

Society owns the solar plant and uses the power generated to offset electricity bills.



OWNERSHIP

Solar plant owned by the housing society



INVESTMENT

High upfront investment by the society



O&M RESPONSIBILITY

Society is responsible for operation & maintenance



ELECTRICITY SAVINGS

Savings start from Day 1 after commissioning



TENURE

Long term benefit for 20–25 years (Plant life)



INCENTIVES & BENEFITS

Eligible for government subsidies (if applicable) and depreciation benefits



IDEAL FOR

Societies with surplus funds / reserves and long term vision

VS



PPA MODEL

(POWER PURCHASE AGREEMENT)

Solar plant is set up by a third-party developer and power is supplied to the society at an agreed tariff.



OWNERSHIP

Solar plant owned by the developer



INVESTMENT

Zero upfront investment by the society



O&M RESPONSIBILITY

Developer is responsible for operation & maintenance



ELECTRICITY SAVINGS

Pay only for the power you use at a fixed, discounted rate



TENURE

Typically 10–25 years (as per PPA terms)



INCENTIVES & BENEFITS

All subsidies & benefits availed by the developer



IDEAL FOR

Societies looking for zero investment and hassle-free solar adoption

WHAT BOTH MODELS OFFER



Clean &
Renewable Energy



Lower
Electricity Bills



Reduced Carbon
Footprint



Protection Against
Rising Tariffs



Enhanced Value &
Sustainability for
the Community



Reliable & Long Term
Energy Solution



Go solar today and build a sustainable, self-reliant and future-ready society.



COMMERCIAL AND INDUSTRIAL PROJECTS COMPLETED

Powering a Sustainable Future with Excellence



Rooftop Solar Project

Ghotra palace: - 100 KW Rooftop
commercial project
Location:- Nagpur, Maharashtra



Ground Mounted Project

CCCL infrastructure ltd
Group Captive project 10 Mw
Location:- Tamil Nadu



Solar Farm Project

2 Mw Kusum Yojna project
Location:- Maharashtra



CLEAN ENERGY

Promoting renewable
and sustainable power.



HIGH PERFORMANCE

Optimized systems for
maximum energy output.



RELIABLE & SAFE

Built with quality, safety
and long-term reliability.



SUSTAINABLE FUTURE

Driving progress towards
a better tomorrow.

Open Access Solar Project

Open Access Solar enables businesses to access clean, affordable energy directly from large-scale solar plants—without installing panels on-site.



Cost-Effective Energy

Long-term power purchase agreements reduce electricity costs and protect against tariff hikes.



No On-Site Installation

Energy is supplied via the grid, eliminating the need for rooftop or land availability.



Scalable & Reliable Supply

Flexible capacity expansion with dependable power from utility-scale solar projects.



Sustainability Impact

Significantly lowers carbon footprint while supporting India's renewable energy goals.



Regulatory & Financial Benefits

Leverage state open-access policies, banking benefits, and green energy compliance.



Group Captive Solar Project

Group Captive Solar allows multiple companies to cooperatively invest in a solar project, sharing the benefits of clean and affordable energy.



Shared Investment

Cooperative funding reduces the capital investment required per company.



Energy Cost Savings

Direct access to discounted solar energy significantly lowers electricity bills.



Clean & Reliable Power

Secure a stable, renewable energy supply for consistent operations.



Equity & Control

Build ownership equity and retain control while benefiting from shared solar assets.



Regulatory & Financial Benefits

Navigate state regulations and benefit from tax incentives and green energy compliance.



Private Tenders and Government Project



**GOVERNMENT
PROJECT**

GUJRAT KHAVDA PROJECT (30GW)

One of the world's largest renewable energy parks located in Khavda, Gujarat, India.



**PRIVATE
TENDER**

500MW EPC

By **BAINSUN ENERGY**

In partnership with

adani | Solar



**PRIVATE
PROJECT**

10MW CCCL INFRASTRUCTURE

IN TAMIL NADU



Building a Sustainable Future



Clean Energy. Stronger Tomorrow.

BESS

Battery Energy Storage System

BESS stores electrical energy in batteries and releases it when needed, enabling a reliable, efficient and sustainable energy future.



RELIABLE POWER

Provides backup power and ensures uninterrupted electricity supply.



PEAK SHAVING

Reduces peak demand charges and optimizes energy costs.



ENERGY OPTIMIZATION

Stores energy during off-peak hours and releases it during high-demand periods.



GRID STABILITY

Supports grid balancing, frequency regulation and voltage support.



SUSTAINABLE FUTURE

Enables greater integration of renewable energy and reduces carbon footprint.



SAFE & RELIABLE

Advanced protection and battery management system



SCALABLE

Flexible configurations for various applications



SMART CONTROL

Real-time monitoring and intelligent energy management

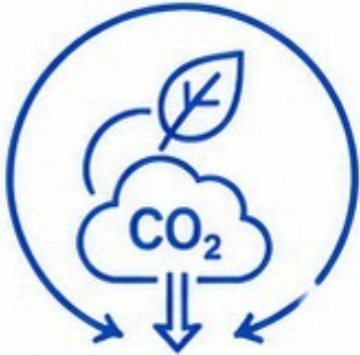


WIDE APPLICATIONS

Utility, Commercial, Industrial and Microgrid solutions

CARBON CREDITS

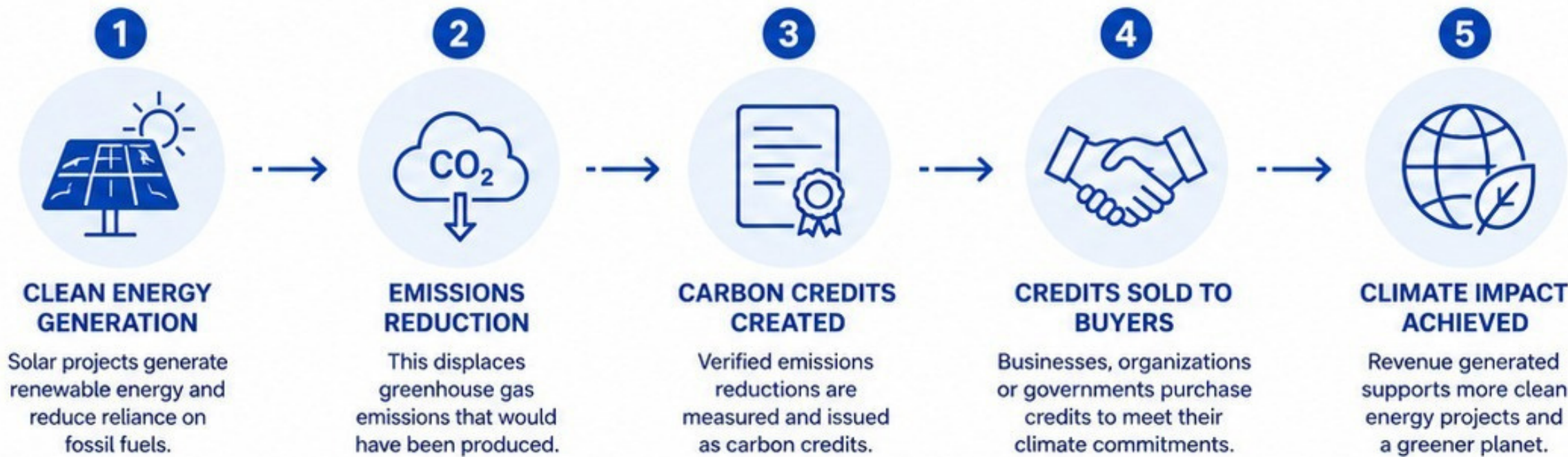
Powering a Cleaner Tomorrow



Carbon credits create value for climate action. By generating clean solar energy, we reduce greenhouse gas emissions and earn credits that support a sustainable future.



HOW CARBON CREDITS WORK



KEY TAKEAWAYS

- Carbon credits turn climate action into real value.
- Solar energy lowers emissions and generates credits.
- Credits help organizations achieve net zero goals.
- Together, we build a sustainable future.

BENEFITS OF CARBON CREDITS

- ADDITIONAL REVENUE**
Create a new income stream from your clean energy generation.
- STRONGER ESG PROFILE**
Demonstrate environmental leadership and improve stakeholder trust.
- SUPPORTS THE PLANET**
Drive measurable impact and contribute to a low-carbon future.
- SCALABLE IMPACT**
Invest in more projects and multiply positive climate impact.



The Art of System Integration

Innovation at Bainsun lies in navigating the complexities of solar installations. We blend the best solar technologies to craft efficient, reliable, and scalable solutions.

Component Sourcing

Combining state-of-the-art panels, inverters, and storage from leading manufacturers.



**BAINSUN
ENERGY**



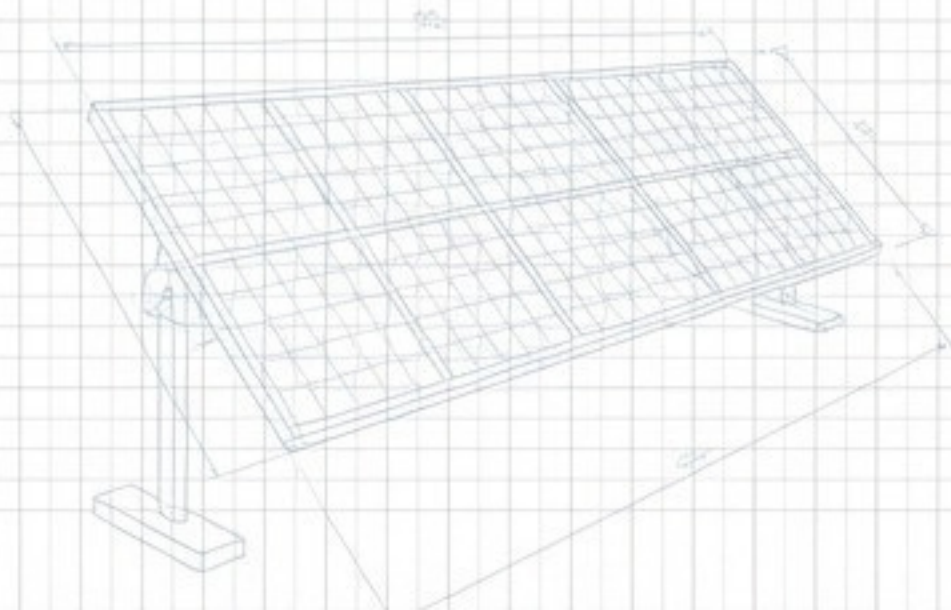
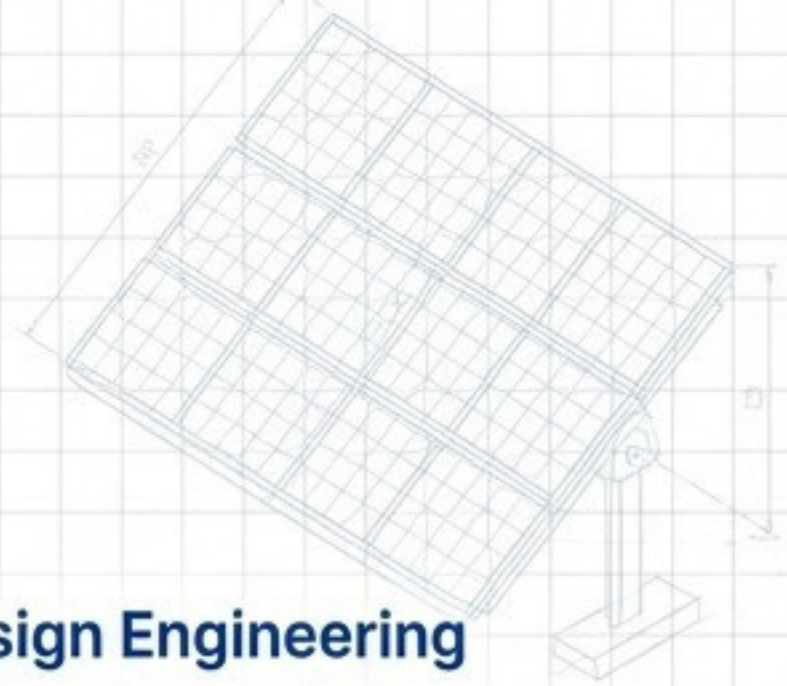
Design Engineering

Smart, adaptive design assessing site characteristics to maximize output.



Project Management

Seamless execution ensuring reliability and scalability.



Technical Pillars & Innovation



Smart System Design

Adaptive engineering that assesses site characteristics to maximize space utilization and energy output.



Energy Management

Integration of advanced systems for real-time monitoring and control of energy consumption.



Technological Adaptability

Future-proof solutions that incorporate new innovations to enhance system longevity.



Efficiency Optimization

Use of sophisticated simulation tools for panel orientation, tilt, and shading analysis.

Exponential Growth Trajectory



The Ecosystem: Trusted Partners

Technology Leaders

adani
Renewables

WAAREE Solar
Energy Gitations

ABB

KSolare

Kirloskar
SOLAR

Infrastructure & Supply Chain

TAPARIA
TAPARIA TOOLS

HAVELLS

POLYCAB

APOLLO
TUBES

Strategic Alliances

APN
SOLAR

SEVEN
STRINGS

FALCON
SOLUTION

PAHAL
SOLAR

Trusted By Industry Leaders

Case Study

Delta Corp



Case Study

**Consolidated
Construction
Consortium Ltd**



Case Study

**NVCTS Private
Limited**



Case Study

**Adani Power
Khavda**



Case Study

SECI



Delivering quality across Food & Beverage, Construction, and Industrial sectors.

Industry Insights

Navigating a dynamic landscape to offer high-performance, compliant, and economical solutions.



Technological Progress

Photovoltaic efficiency and storage improvements are enhancing viability. We integrate these innovations for high-performance installations.



Regulatory Landscape

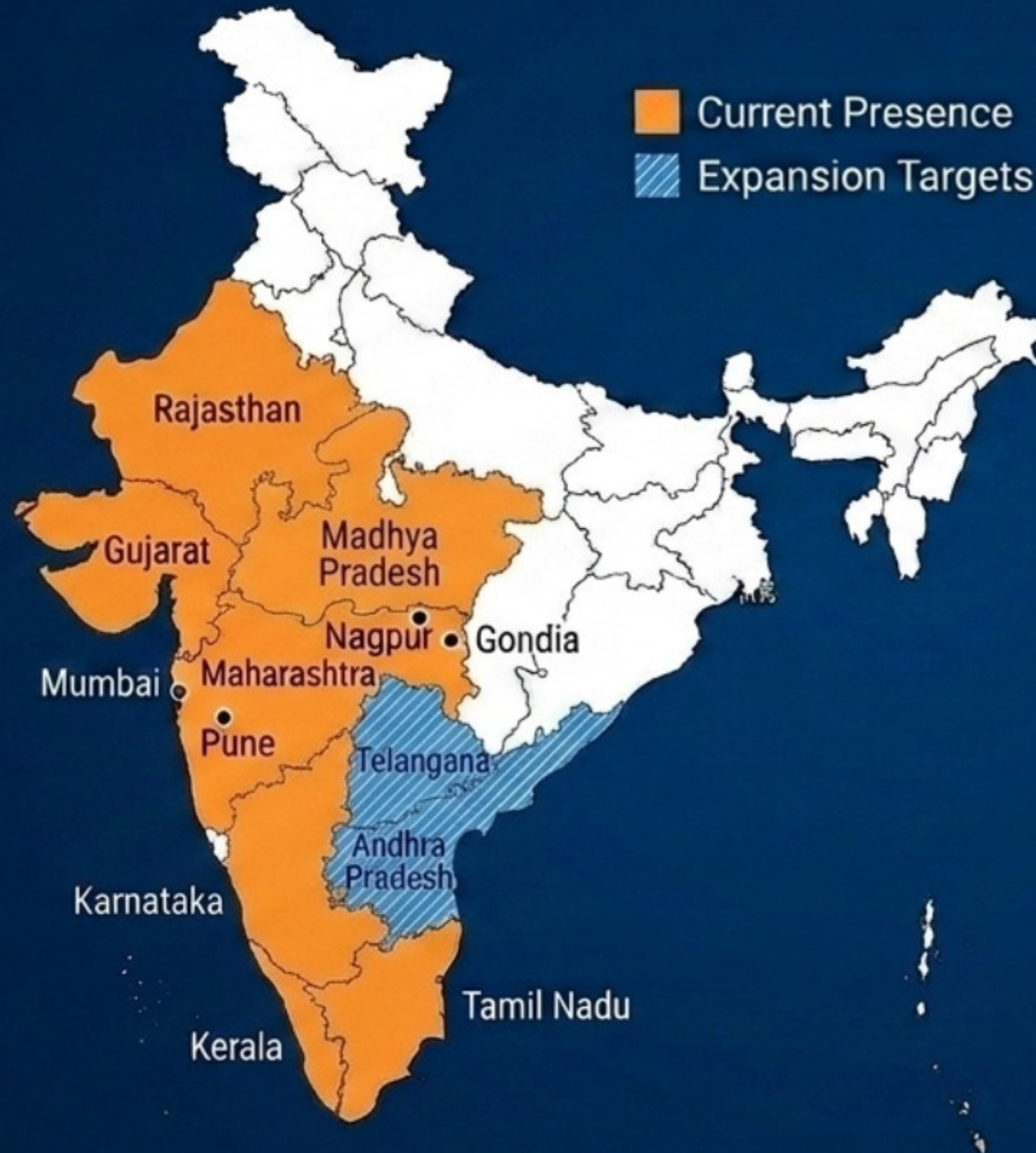
Understanding economic incentives optimizes project costs. We ensure full compliance and maximize available subsidies.



Economic Viability

Decreasing costs are making solar attractive across all sectors. We deliver scalable solutions aligned with economic benefits.

Future Outlook & Expansion



Sector Expansion: Moving beyond residential to leverage deep regulatory understanding for Commercial & Industrial (C&I) sectors.

Why Choose Bainsun Energy?



Expertise: Unmatched experience in system integration and hands-on technology management.



Customized Solutions: No one-size-fits-all. Tailored designs for specific site requirements.



Quality & Reliability: Partnership with leading manufacturers and rigorous quality control.



Government Scheme Expertise: Simplifying the 'PM Surya Ghar Yojna' process for maximum client benefit.



Future-Ready: A commitment to staying ahead of the technology curve.

Join the Solar Journey



Partners

Collaborate with us to amplify the impact of solar energy. We invite innovators, environmental orgs, and policy makers.



Advocates

Use our platform to amplify your voice for sustainable living and spread the word.



Franchise

Leverage our proven business model, brand, and expertise to start your own solar enterprise. Comprehensive training and support provided.

A commitment to a cleaner, greener future for generations to come.



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