



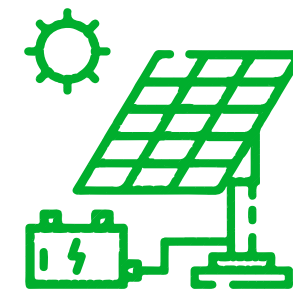
COMPANY PROFILE

Shaping Future Energy with Integrated Solar Solutions

www.sunenergy.id

Oversee The Growth of Solar Energy

Indonesia has an almost entirely tropical climate, where the sunlight will be fully ray in daylight. Solar energy is known as one of New Renewable Energy (NRE) sources and called as the most efficient and affordable NRE type in Indonesia.



3.295 GW

Potential of solar energy systems in Indonesia



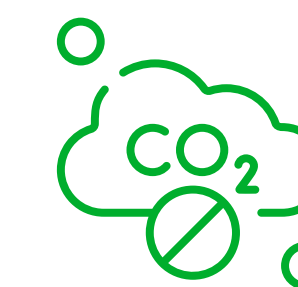
23%

Energy mix target by 2025



No. 26

Regulation of Minister Energy and Mineral Resources of Republic Indonesia about Rooftop Solar Panel

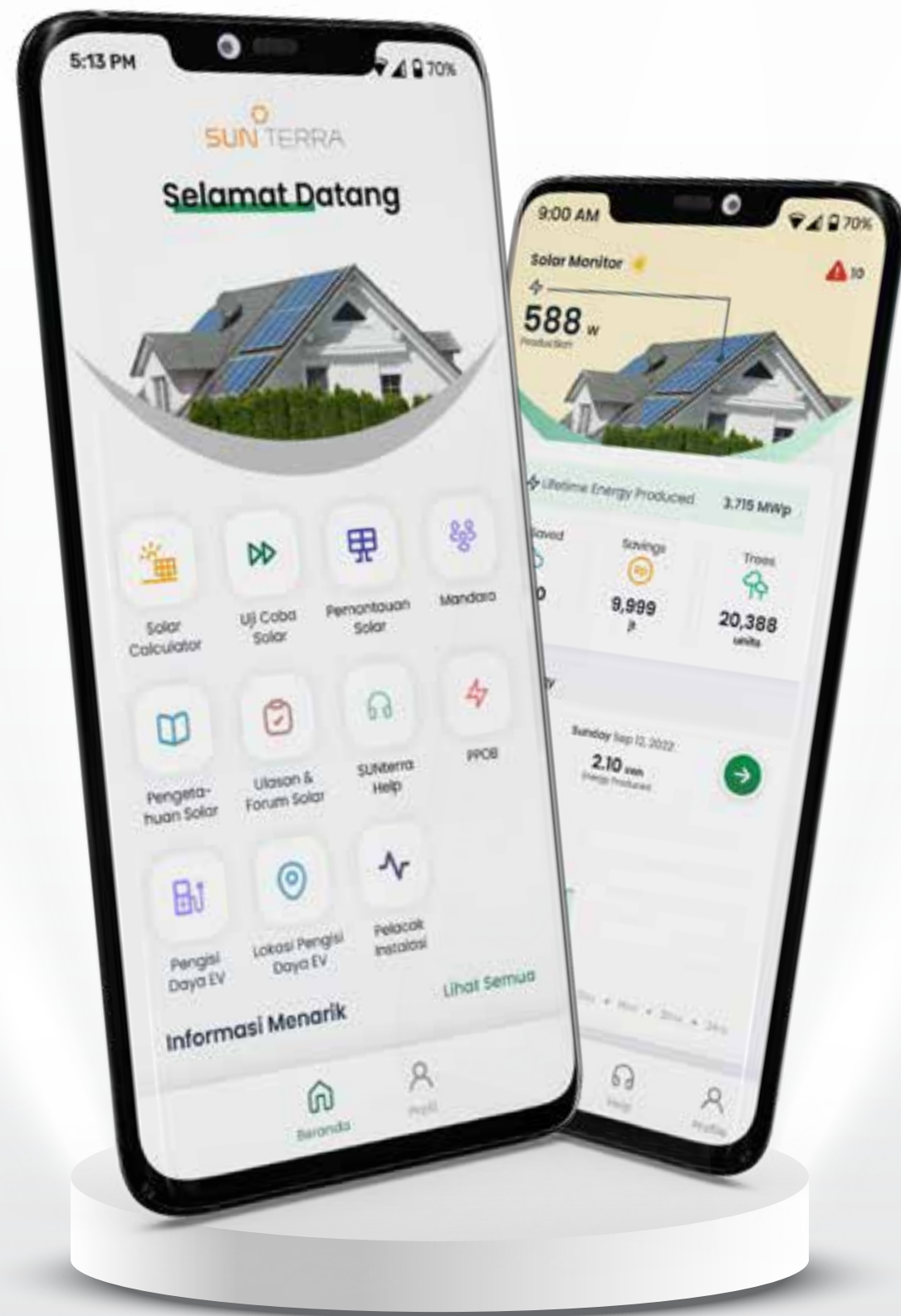


2060

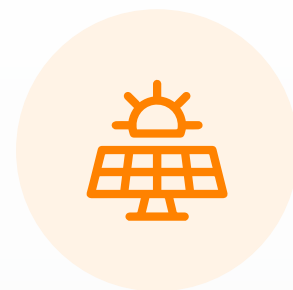
Target to achieve Net Zero Emission

Tech-Based Residential Solar Developer

SUNterra has been continuously growing its portfolio of residential and small scale rooftop solar installations across Indonesia



181 Projects
Completed



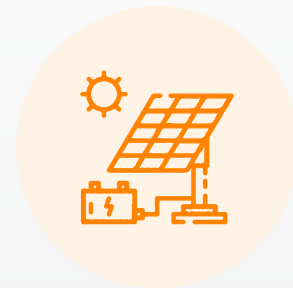
> 2 MWp
of solar energy capacity enabled



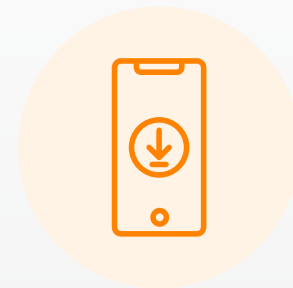
85k Visitors
to our website in 2021



Clients from **30 cities** across **12 provinces** in Indonesia



Another **2 MWp** of solar energy projects in our pipeline



1k+ Downloads of our mobile app to date



Features



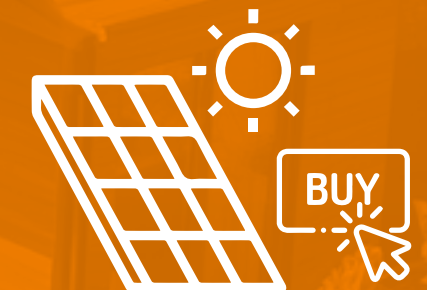
Solar Energy Monitoring



PPOB Prepaid & Postpaid PLN



Satellite Roof Calculator



Purchase Solar Panel



Tracking Solar Panel Order



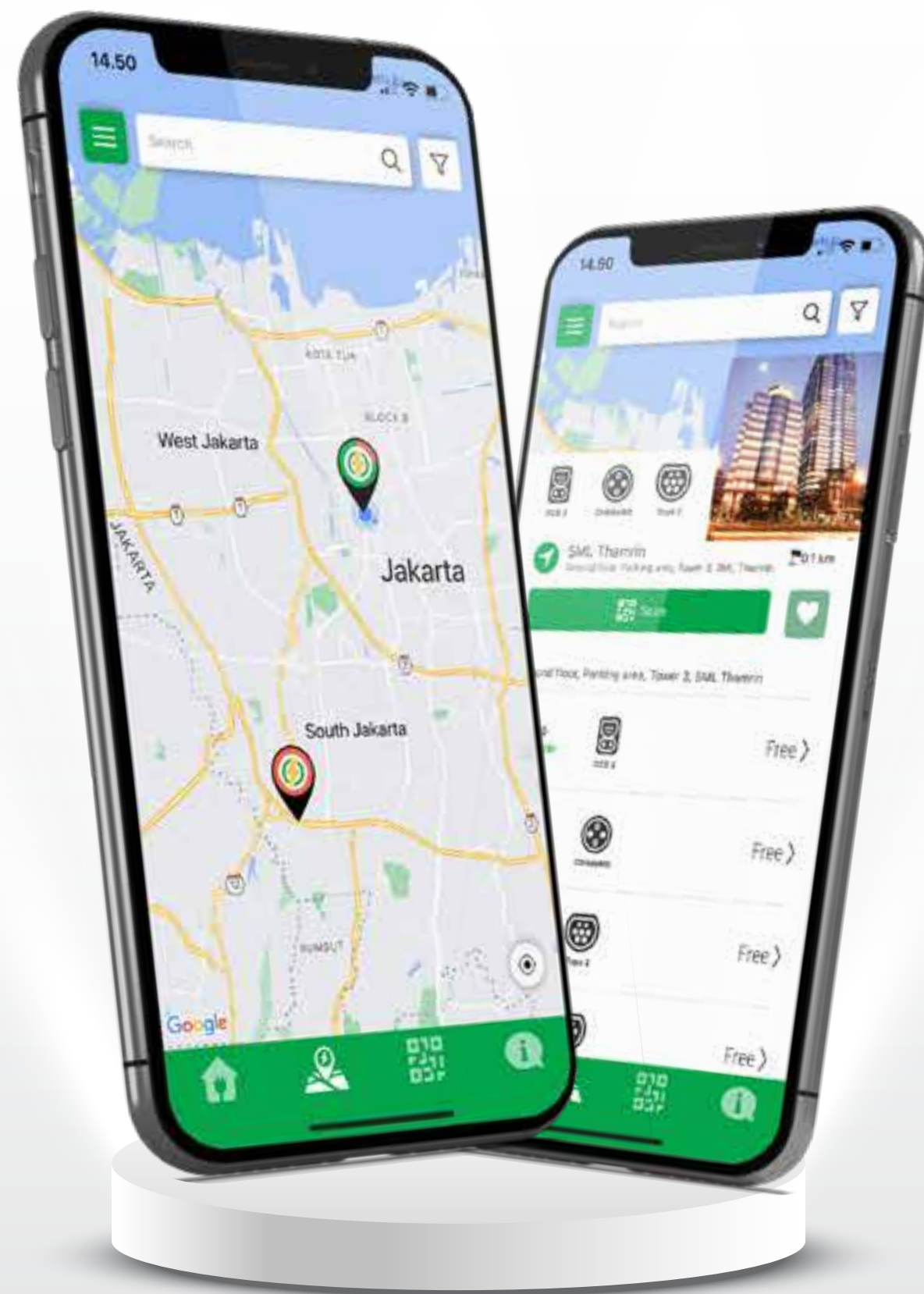
Referral Green Ambassador

Scan to know more:



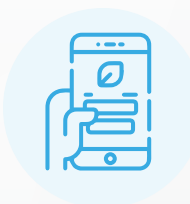
Empowering Electrical Vehicles Across Indonesia

SUN Mobility penetrated the EV market in Indonesia through a handy mobile app called OtoPods as one of the first digital solutions for Indonesian EV drivers.



Charging Ports Aggregator

Otopods



User Friendly UI/UX,

Design is used by >25 CS Operators Globally



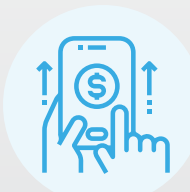
Acess all Charging Locations,

Integration with all operators (eg. PLN, Hyundai, Nissan, OtoPods)



Marketing Features:

Voucher, Discount, Corporate Plan



Wide Payment Options:

Shopee Pay, OVO, GoPay, etc.

SUN MOBILITY

Features



Charger
Locators



Scheduled
Booking



Emergency
Service



Tariff
Promotion



Payment
Gateway



Analytical
Tools

Available at:

- Ashta Mall
- QBIG Mall BSD
- D'Breeze
- Sinar Mas Land
- Thamrin

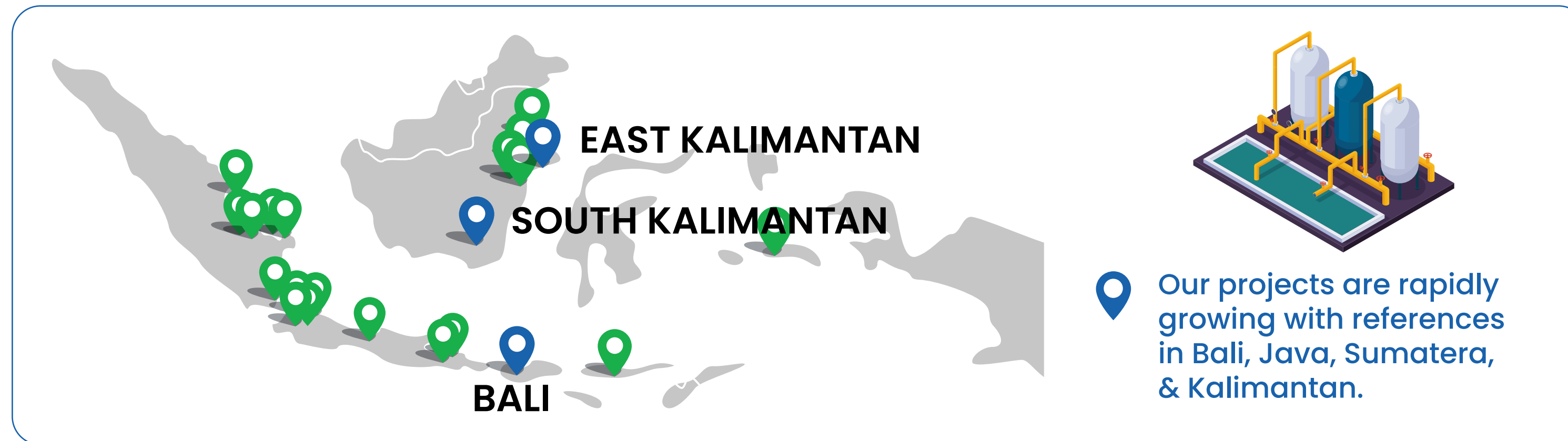


Scan to
download
the app



Providing Sustainable Water Solutions through Advanced Technology

We enable businesses to access adequate, reliable, resilient quantity and quality of water to support operational activities.



EAST KALIMANTAN
SOUTH KALIMANTAN
BALI

Our projects are rapidly growing with references in Bali, Java, Sumatera, & Kalimantan.

Tap & Potable Water



Demin & Distilled Water



Tailored to your industrial water needs

Meet Permenkes 492, Permenkes 32 & Demin water specifications.



Utilize technology from top brands

Our advanced technology will ease day-to-day operations.



Enable your company to Focus on it's Core Business

Easy access to onsite water supply without having to commit resources & Capex.



Manage your costs easily

Accurately forecast your water costs with Instant real time visibility.



Free Installation & Maintenance

Customers pay zero CapEx and get zero O&M costs.

Switching to Solar is Easy with SUN Energy

SUN Energy offers integrated solar energy services and customized energy solutions for commercial & industrial sectors.



Fully Integrated & Tailor Made Solar Solutions

Our comprehensive solutions facilitate an easier transition to solar energy by utilizing underused spaces such as rooftops or empty grounds, providing your business with added value.



Go Solar with Zero Upfront Cost

There's no need to worry about upfront fees; instead, pay a simple monthly fee based on your energy usage, just like your regular electricity bill.



Trustworthy Solar Energy Solutions for Leading Brands & Industries

Our fully integrated solutions empower leading brands and industries to seamlessly transition to solar energy. Utilizing reliable technology and experts.

Industrial



Commercial and Property



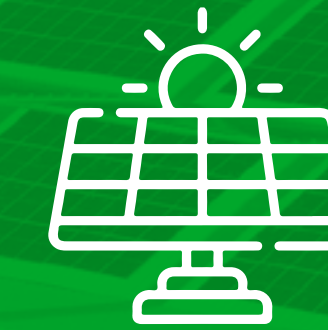
Financial Institution



Educational Institution



Mining and Others



280 MWp

Installed & Contracted Projects in Asia Pasific



>25 Cities

of solar projects installation in Indonesia



7 Years

of solar projects installation in Indonesia

SUN Energy Offers Innovative Financing Schemes

Best Offer



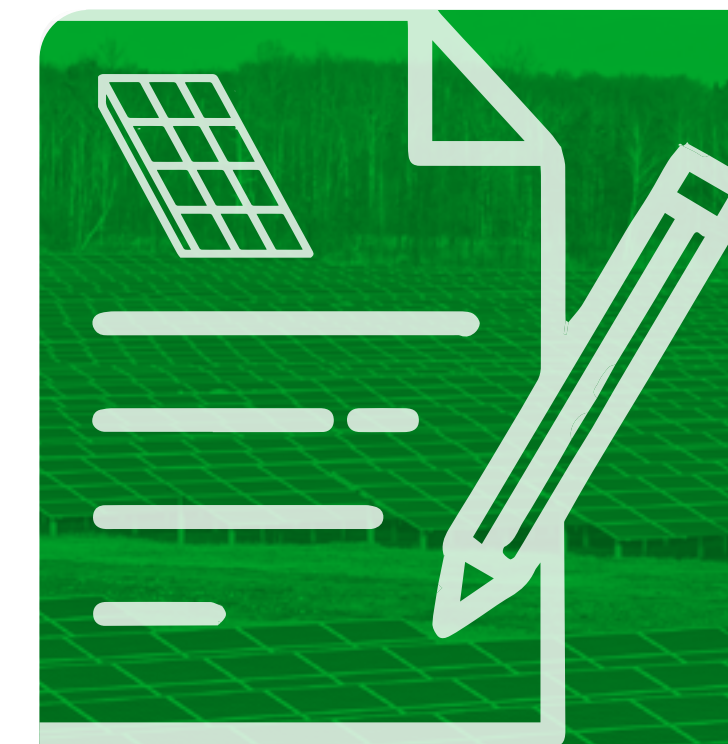
SUN Rental 15–25 Years

Or known as Performance-Based Rental is **highly recommended** for businesses with minimum budgets and intend to install solar energy systems in industrial or commercial buildings.



SUN Purchase

Suitable for any business with a **prepared budget** for solar energy system installation of any capacities.



SUN Leasing 3–6 Years

Suitable for you with a prepared budget, **but the desired capacity does not match with the initial fund.**

Solar Energy System:

On-Grid

Maximize the power produced by the sun during daytime and utilize electricity provided by the grid at night. On-Grid solar energy system is affordable and lets you save more, as the extra electricity produced by solar panels can reduce your bills.

Flexible Applications for Any Type of Buildings



Factories

Sidomuncul - Semarang: 2 MWp



Shopping Centres

QBIG Mall BSD: 2 MWp



Campuses

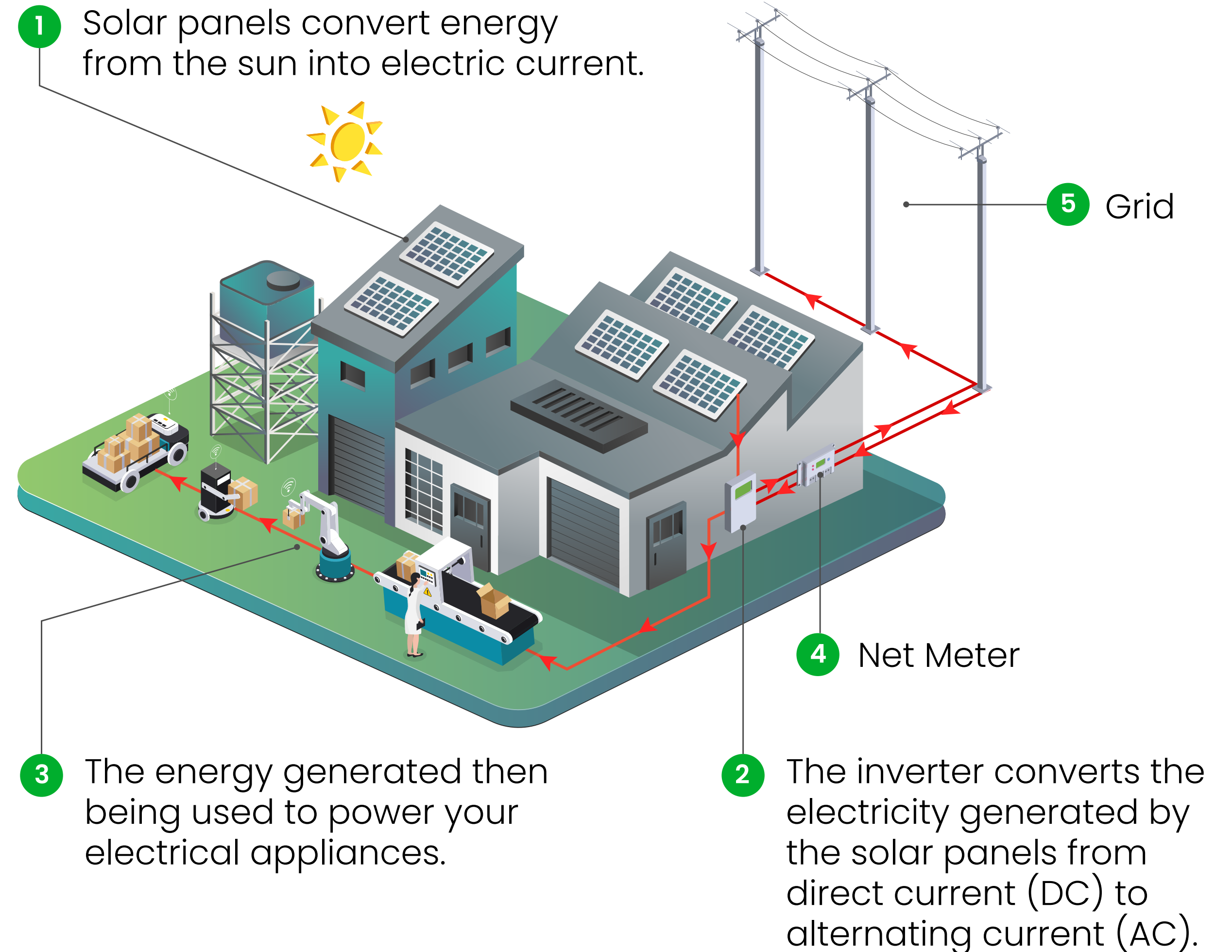
Universitas HKBP Nommensen - Medan: 618.9 kWp



Office Buildings

PT Djarum Tbk - Accross Java Island: 2.5 MWp

On-Grid System



Solar Energy System:

Off-Grid

Get independent solar-powered electricity, with or without batteries. This is the best alternative for remote places where access to the utility grid is a costly or impractical task.

Multiple Ways of Usage Fitted for Your Needs



Agriculture

PT SMART Tbk:
63 kWp



Mining

Berau Coal Suaran (Hybrid):
720 kWp

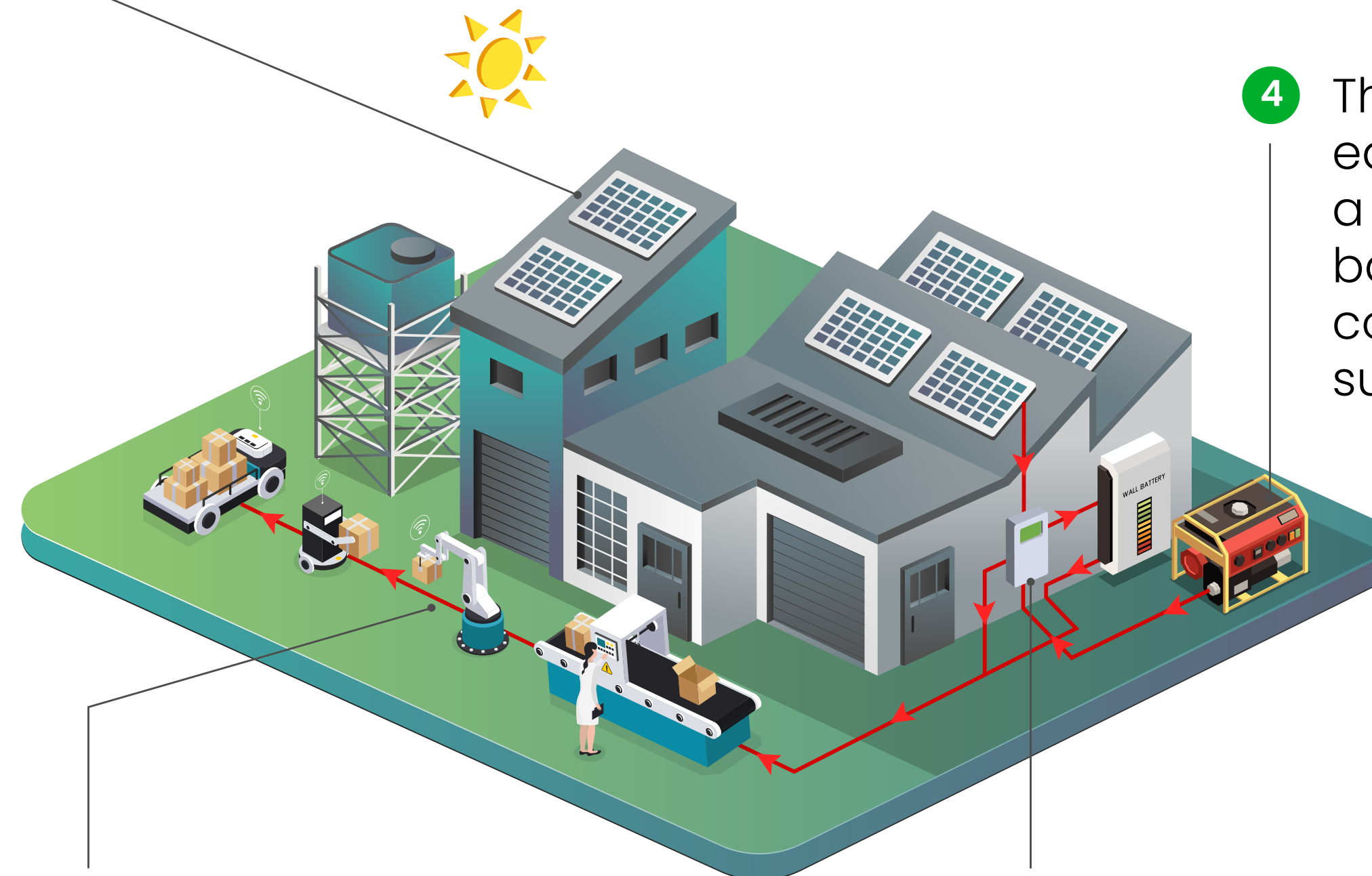


Rural Area

KAT Birang:
12 kWp

Off-Grid System

1 Solar panels convert energy from the sun into electric current.



4 The inverter is equipped along with a generator and/or battery to ensure a continuous power supply

3 The energy generated then being used to power your electrical appliances.

2 The inverter converts the electricity generated by the solar panels from direct current (DC) to alternating current (AC).

Uniting for A Sustainable Future: Collaborative Partnerships of SUN Energy

SUN Energy is proactively forming alliances with strategic parties to drive widespread utilization of Solar Energy.



Signed a Memorandum of Understanding with PT Sojitz Indonesia in January 2022 to develop Solar Energy System projects in the Greenland International Industrial Center (GIIC) – Cikarang, West Java.

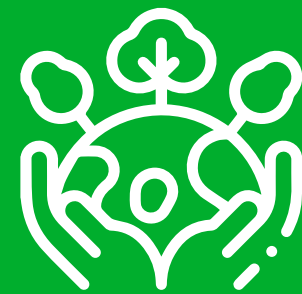


Signed a Memorandum of Understanding (MoU) with PLN Icon Plus in February 2023 to expand solar energy systems, energy management, and carbon trading across sectors in Indonesia.



Signed a Memorandum of Understanding with Karawang International Industrial City (KIIC) to promote the utilization of solar energy systems for over 170 member companies, with a combined potential installation capacity of more than 100 MWp.

SUN Energy is Fully Committed to Carrying Out Agile ESG Framework



Environment

Focusing developments on carbon emissions reduction & long term value in climate-resilient manner.



Social

Enhancing our staff's wellbeing and the culture of giving back through CSR projects.



Governance

Running accountable, transparent, efficient, and inclusive business process.



WE SUPPORT



As an active member of UN Global Compact, Indonesia Solar Energy Association (AESI), KADIN Indonesia, and AVPN (Asia Venture Philanthropy Network), SUN Energy fully supports United Nations' Sustainable Development Goals.



Awards & Certification



ISO 9001:2015
2021-2024

ISO 14001:2015
2021-2024

ISO 45001:2018
2021-2024

2023

- Solar Company of the Year: Developer (Commercial & Industrial) – Solar Week Indonesia Leadership Awards 2023 by Solar Quarter
- Best Construction of The Year – Solar Week Indonesia Leadership Awards 2023 by Solar Quarter
- Business Leader of The Year for Vaibhav Sahu as COO of SUN Energy – Solar Week Indonesia Leadership Awards 2023 by Solar Quarter

2022

- Best Green Marketing – Majalah Marketing Award
- Solar Company of The Year: Developer (National) – Solar Quarter
- Best Solar Project of The Year (Institutional) – Solar Quarter
- Best Marketing Team of The Year – Solar Quarter

2021

- 1st Digital Marketing Champion in Manufacturing & Distribution – SWA Magazine
- The Best Start Up Company for RE Development – METI IRES

2020

- TOP HSSE Excellence Award 2020 EPCM Shell Retail Program – PT Meinhardt EPCM Indonesia
- Perayaan Bulan K3 & Pencapaian Zero Accident Award (6.237.244 Jam Tanpa Kecelakaan) – PT MAL & PT BBE

SUN Energy's Innovative Solutions to Empower Sustainable Future

We are always committing in pioneering cutting edge solutions to revolutionize the solar energy landscape in Indonesia and beyond.



1 On-Grid Rooftop Solar Energy System:

Efficient alternative source of electricity that converts sunlight into clean energy

2 On-Grid Building-Integrated Photovoltaics (BIPV):

Integrating solar energy system into building's architectural design seamlessly.

3 Hybrid Roll-Up Solar Photovoltaics:

Portable solar energy system that can be easily rolled up, providing convenient and eco-friendly power solutions for industries located at remote locations.

SUN Energy Uses Top Technology for your Solar Needs



SUN Energy's solar energy system is designed and built to last, with a 25-Year lifetime performance warranty. SUN Energy only uses the best quality products from the world's leading manufacturers to maintain high performance of your solar energy system.

Equipment	Specification	Warranty	Brand
Panel	Tier 1 Monocrystalline Half Cell Panels with \pm 20% Efficiency Inverter	<ul style="list-style-type: none"> Product: 12 years Performance: 25 years 	
Inverter	<ul style="list-style-type: none"> MPPT based algorithm resulting from 96 - 98% efficiency Monitoring & Control from remote Area 	Product: 5 years	
Cabling	<ul style="list-style-type: none"> Sheated, weather-Resistant, and flame Retardant DC Cable All outdoor metal using Hot Dip Galvanize & Accessories using Metal for 25 Year Lifetime 	Workmanship: 1 year	<p>DC</p> <p>AC</p>
Mounting	Corrosion free, robust structure capable of with standing 80 Km/h wind speed.	Workmanship: 1 year	
Junction	<ul style="list-style-type: none"> Customized IP 65 of both the Junction Box and Cable connectors, ensures safety Using Legal & Officially Revenue Meter/Billing meter & Power Meter 	Product: 1 year	

SUN Energy Is Revolutionizing Project Monitoring & Control

Our commitment to delivering the best service for our Sustainability Partners is demonstrated through SUN Energy Tech Space. This dedicated space for our real-time monitoring system covers problem diagnostics and maintenance for SUN Energy's solar energy system plants.

Advanced IoT Integration



Real-time monitoring and control of solar energy systems through seamless IoT connectivity.

Proactive Safety Features



Huawei-backed security measures and early issue detection for prompt resolution.

Advanced Technology



Cutting-edge developments using AI-powered insights and analytics.

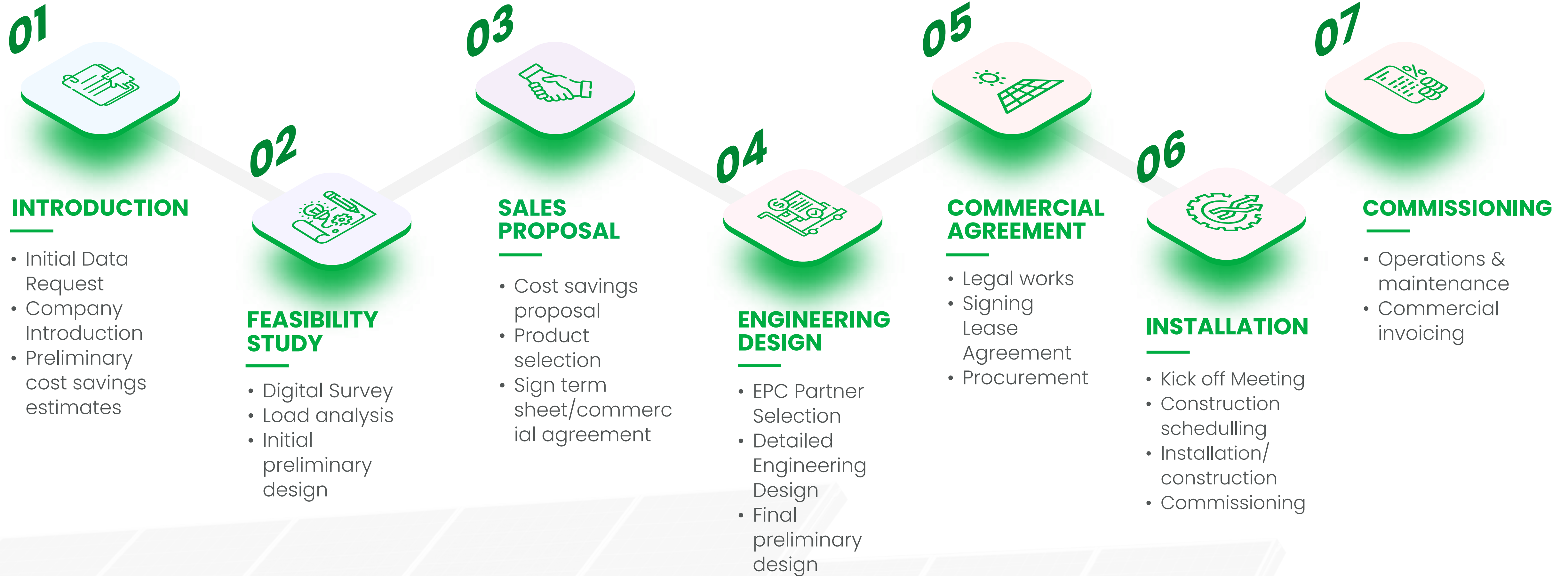
Accessible Expertise & Support



By visiting SUN Energy Tech Space, you will get open access to our experts guidance on solar energy solutions.



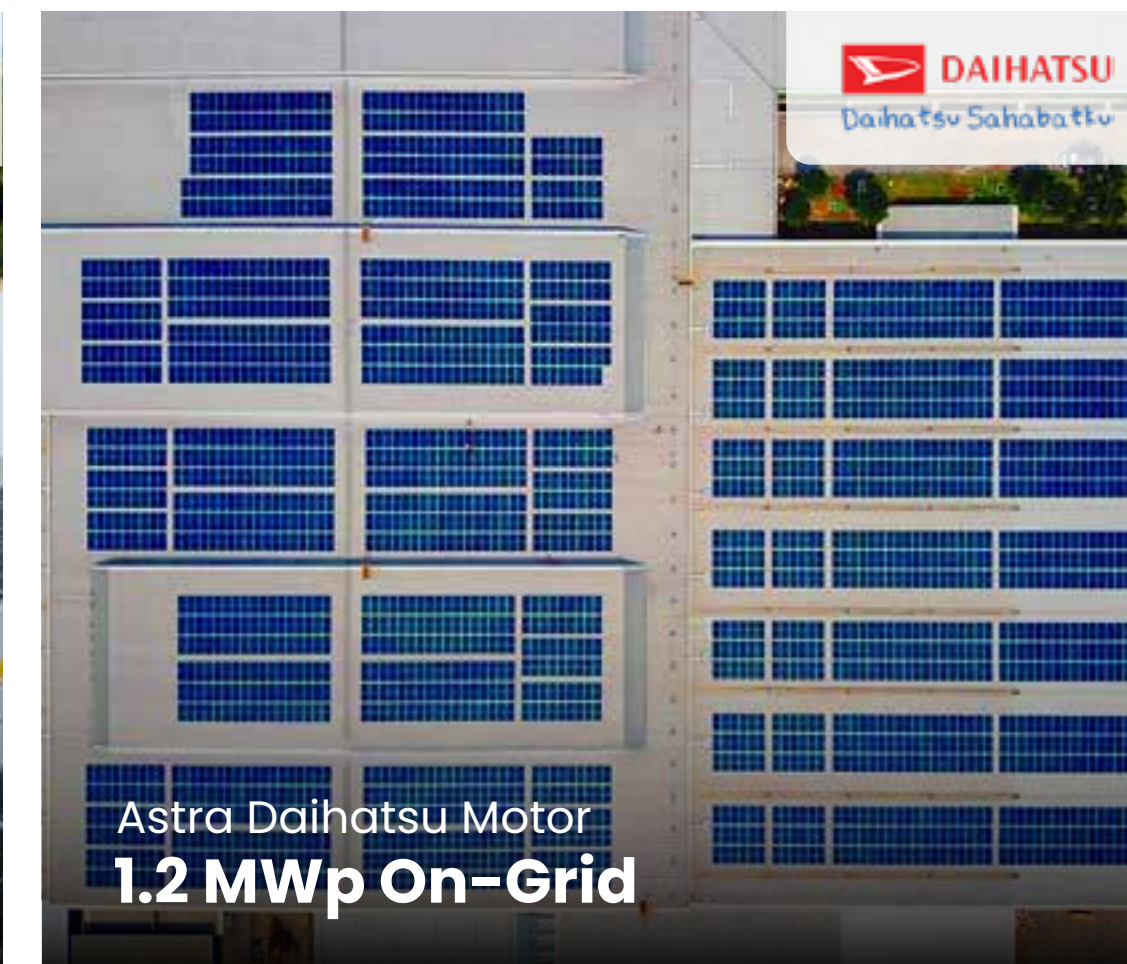
Project Stages



SUN Energy Notable Projects in Sumatra & Java



SUN Energy Notable Projects in Sumatra & Java



SUN Energy Notable Projects in Sumatra & Java



SUN Energy Notable Projects in Kalimantan & Sulawesi



SUN Energy Notable Projects in Bali & Nusa Tenggara



Shaping Future Energy

Leading Commercial & Industrial Solar Energy Developer



[SUNENERGY.ID](https://www.sunenergy.id) | [SUNTERRA.ID](https://www.sunterra.id) | [OTOPODS.ID](https://www.otopods.id) |



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