

COMPANY PROFILE

# Shaping Future Energy with Integrated Solar Solutions

[www.sunenergy.id](http://www.sunenergy.id)



# Maximizing Solar Energy Benefits

## Environmental Advantage

### Renewable Energy Source

Solar energy reduces carbon emissions and promotes environmental sustainability.

### Energy Independence

Generating electricity with solar panels gives companies more control over their energy use.



## Financial Advantage

### Cost Savings

Installing solar panels can significantly lower monthly electricity bills, resulting in long-term savings for businesses.

### Increased Investment Appeal

Businesses utilizing renewable energy tend to have higher values due to their environmental commitment, attracting more capital and investment.



## Technological Advantage

### Smart Solar System

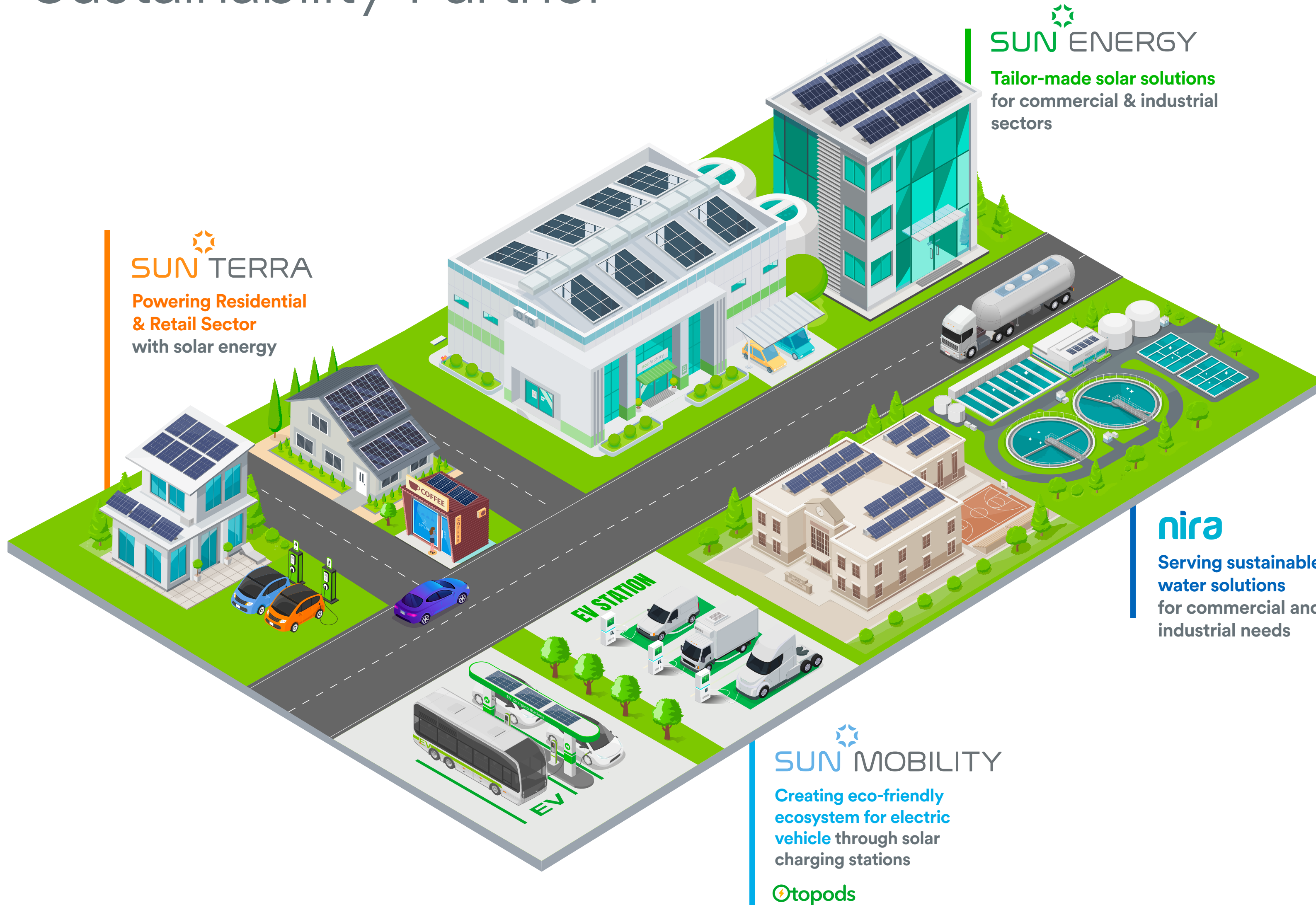
Solar systems use AI technology to monitor and directly optimize energy use, boosting efficiency and saving more energy.

### Easy Operation & Maintenance

Solar systems offer hassle-free solutions for buildings with minimal maintenance required.



# Introducing Your Future Sustainability Partner



**SUN TERRA**  
Powering Residential & Retail Sector with solar energy

**SUN ENERGY**  
Tailor-made solar solutions for commercial & industrial sectors

**nira**  
Serving sustainable water solutions for commercial and industrial needs

**SUN MOBILITY**  
Creating eco-friendly ecosystem for electric vehicle through solar charging stations  
Otopods

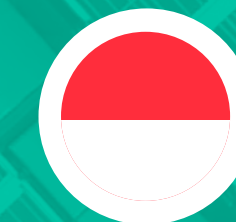


## SUN Group

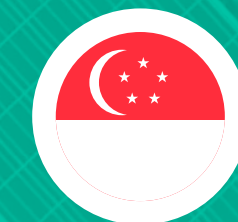
From Indonesia to Asia Pacific:  
Providing Clean and Affordable Energy for All

## 5 Countries

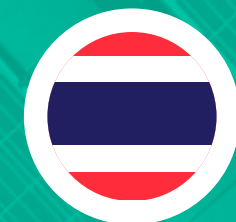
Expansion across Asia Pacific



Indonesia



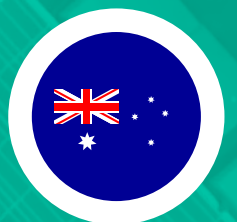
Singapore



Thailand



Vietnam



Australia



**Thailand**  
North Thailand Solar Farm:  
22 MWp Ground Mounted Solar System



**Vietnam**  
26 MWp Rooftop Solar System



**Australia**  
Merredin Solar Farm:  
132 MWp Ground Mounted Solar System



**Indonesia**  
133 MWp Rooftop Solar System

# Empowering Commercial & Industrial Sectors with Solar Energy Solutions

SUN Energy provides comprehensive solar energy services and customized solutions for the commercial and industrial sectors.



## Fully Integrated & Tailor Made Solar Solutions

Utilizing reliable technology and experts, we provide integrated solutions that empower the commercial and industrial sectors with tailored specifications for a seamless transition to solar energy.



## Facilitating Zero Upfront Cost

Our **best offer** to the commercial and industrial sectors allows for the installation of a solar energy system at no upfront cost. Pay a monthly fee or rental based on your energy usage.



## Trustworthy Solar Energy Solutions for Leading Brands & Industries

SUN Energy is dedicated to meet the needs of leading brands. With more than 150 customers and experience in over 35 industries.

### Industrial



### Commercial and Property



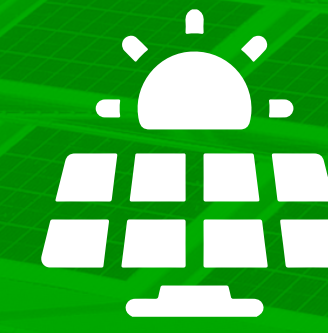
### Financial Institution



### Educational Institution



### Mining and Others



# 310 MWp

Installed & Contracted Projects in Asia Pacific



# >30 Cities

of solar projects installation in Indonesia



# 8 Years

of solar projects installation in Indonesia

# What Makes SUN Energy Different?



## Easier



## Faster



## Better



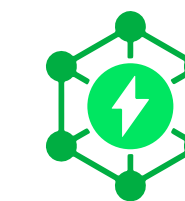
### Advanced IoT Integration

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.

'SUN Energy Tech Space,' a 24/7 real-time solar energy system, to provide continuous support and guidance to ensure smooth green energy production at every site.

# What Makes **SUN Energy Different?**



SUN Group prioritizes efficiency to meet customer needs, as evidenced by our **average installation time of just 2 months for a 1 MWp solar system\***.  
*\*terms & condition applied*



We streamline project delivery to minimize delays and downtime, ensuring that **solar energy system components are available and ready directly from our warehouse.**

# What Makes **SUN Energy Different?**



We adhere to ISO standards to ensure **quality and efficiency of our products & services.**



We reported a personalized solar energy performance to our clients annually to assure the **green energy production and efficiency highlight.**

# SUN Energy Offers Innovative Financing Schemes

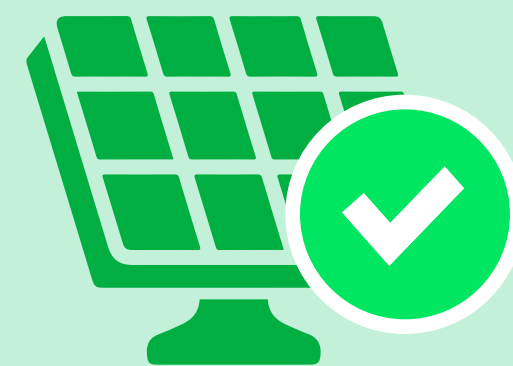
**BEST  
OFFER**



## **SUN Rental**

15-25 Years

Also known as Performance-Based Rental, **this option allows businesses to install solar energy systems in industrial or commercial buildings with zero installation costs.**



## **SUN Leasing**

3-6 Years

Ideal for businesses with a prepared budget, **this option spreads the cost of the solar energy system over 3 to 6 years.**



## **SUN Purchase**

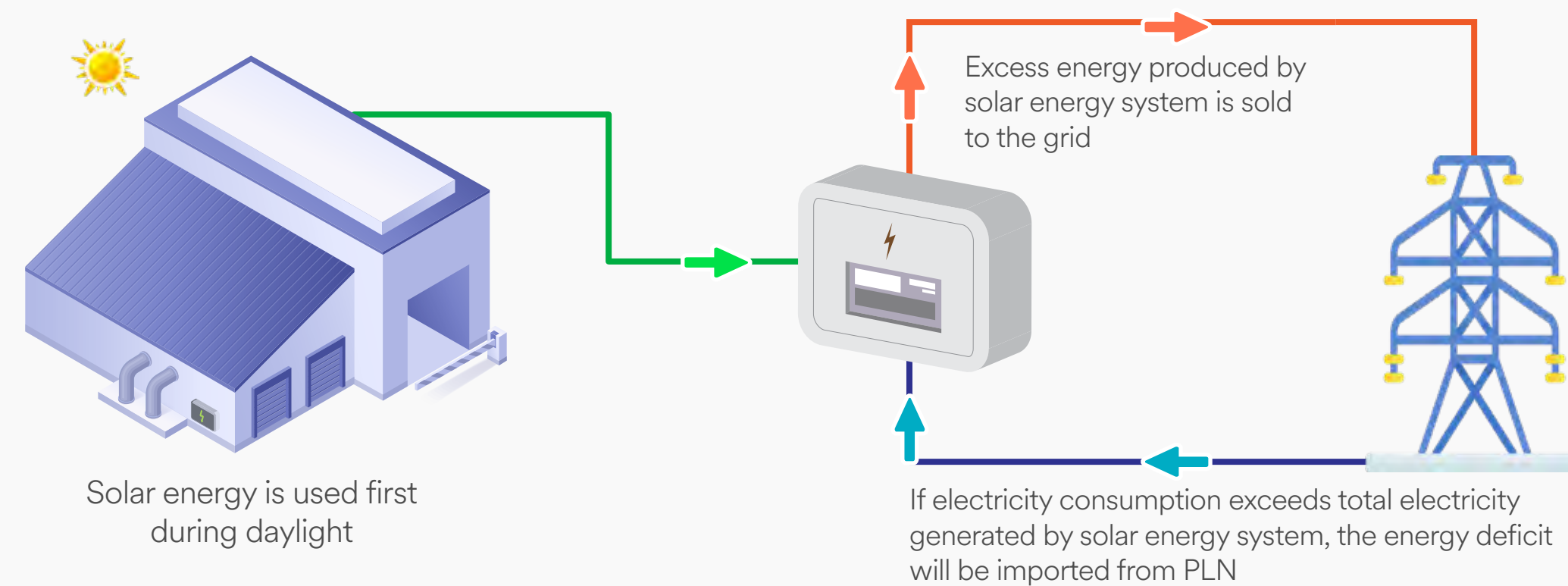
This option allows businesses to buy the solar energy system outright, **providing immediate electricity cost savings from day one.**



# Install a Solar Energy System at No Cost with SUN Rental

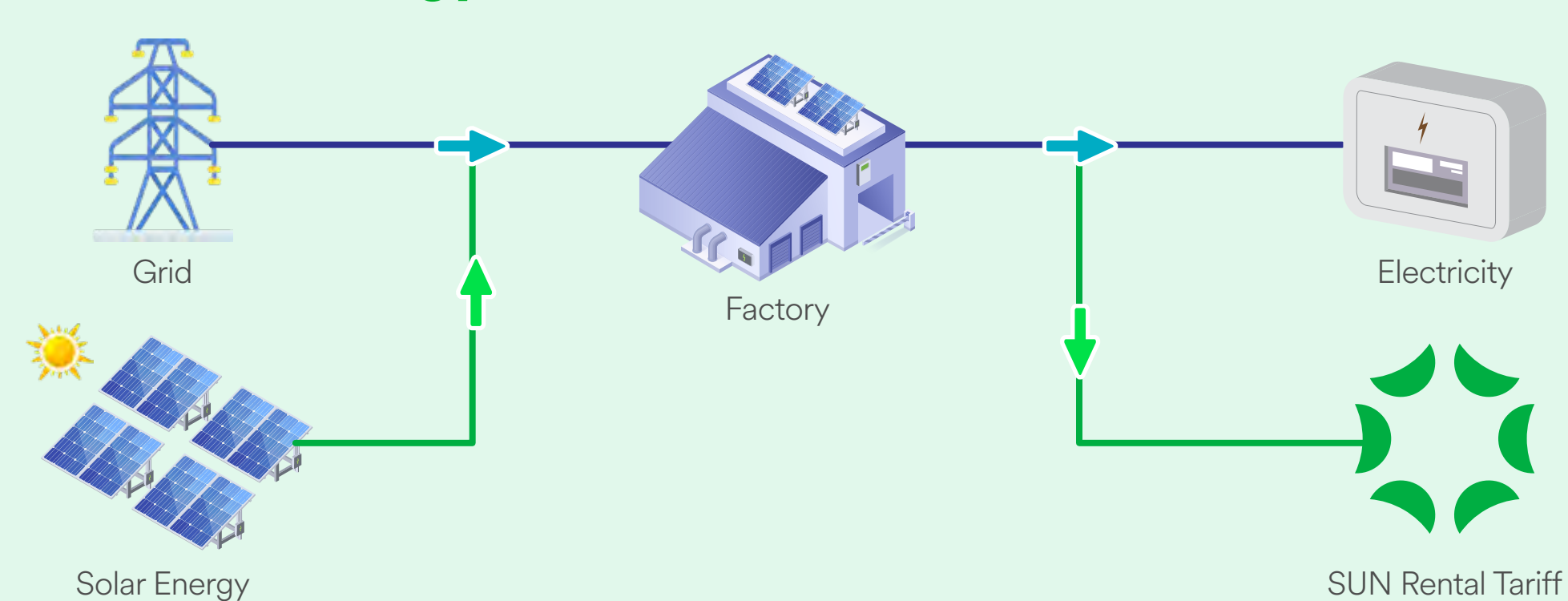
Commercial Illustration of Our Best Offer

## Before Solar Energy Installation



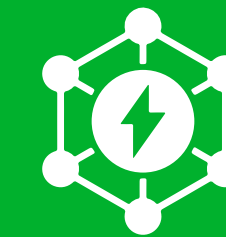
All electricity costs are based on the original electricity tariff

## After Solar Energy Installation



SUN Rental offers a competitive tariff by applying electricity from Solar System

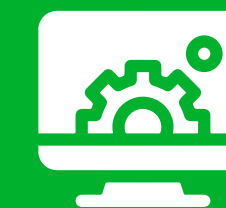
## SUN Rental Monthly Tariff include



End to End Installation Services



Operation & Maintenance Routine



Solar Monitoring System

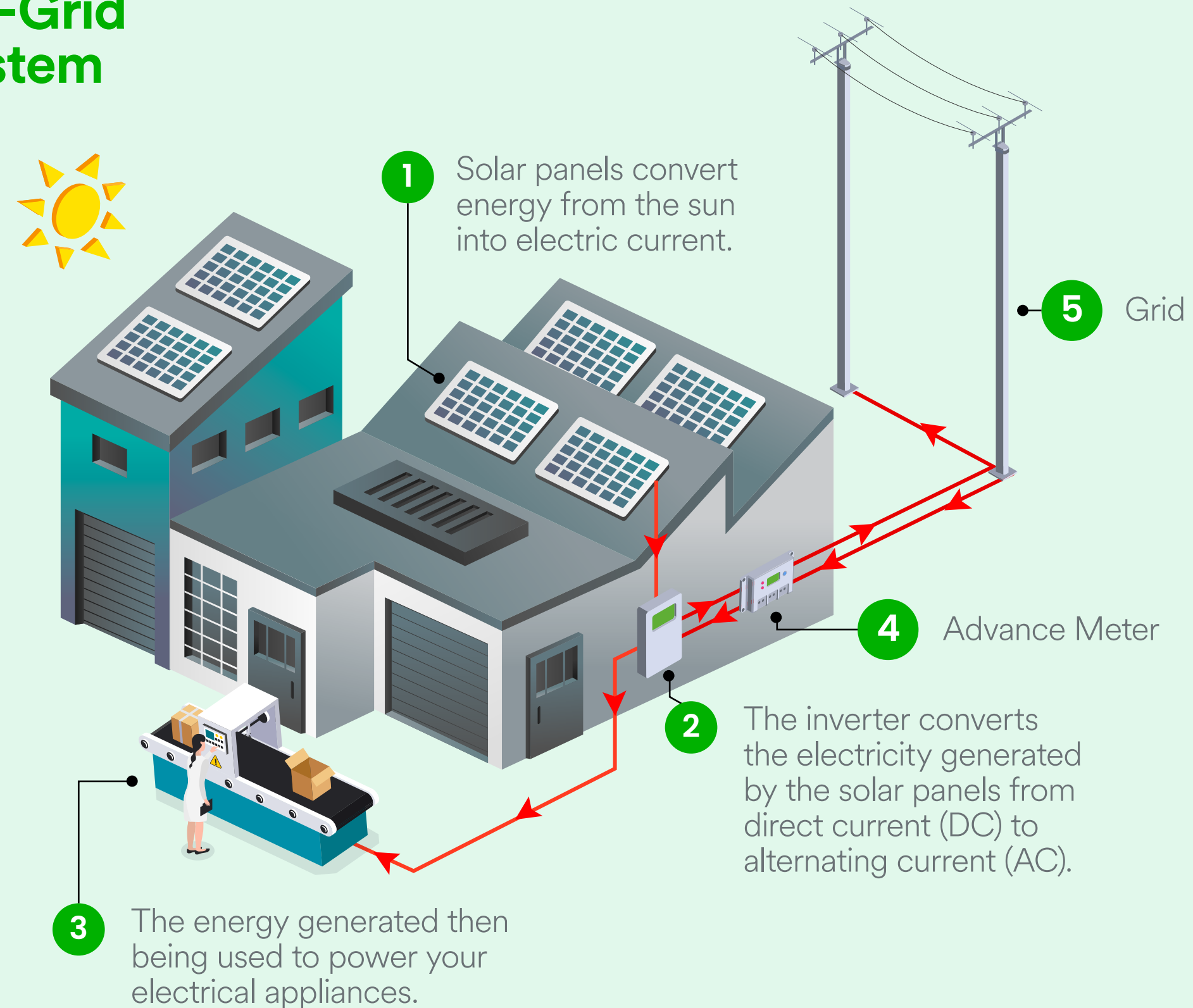


Annual Solar Energy Performance Report

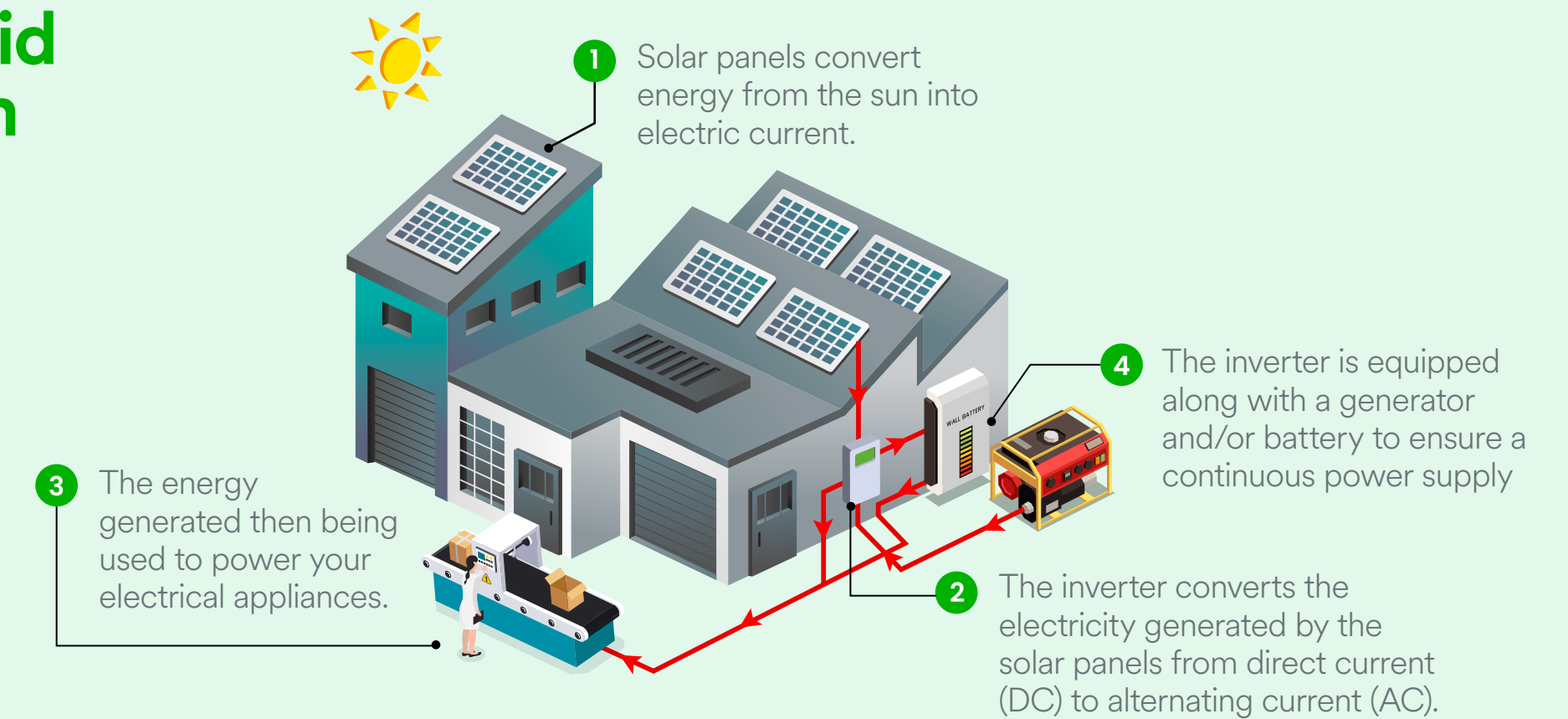
# Solar Energy System Types

Discover the solar energy systems that will meet your building's energy needs and enhance electricity cost efficiency.

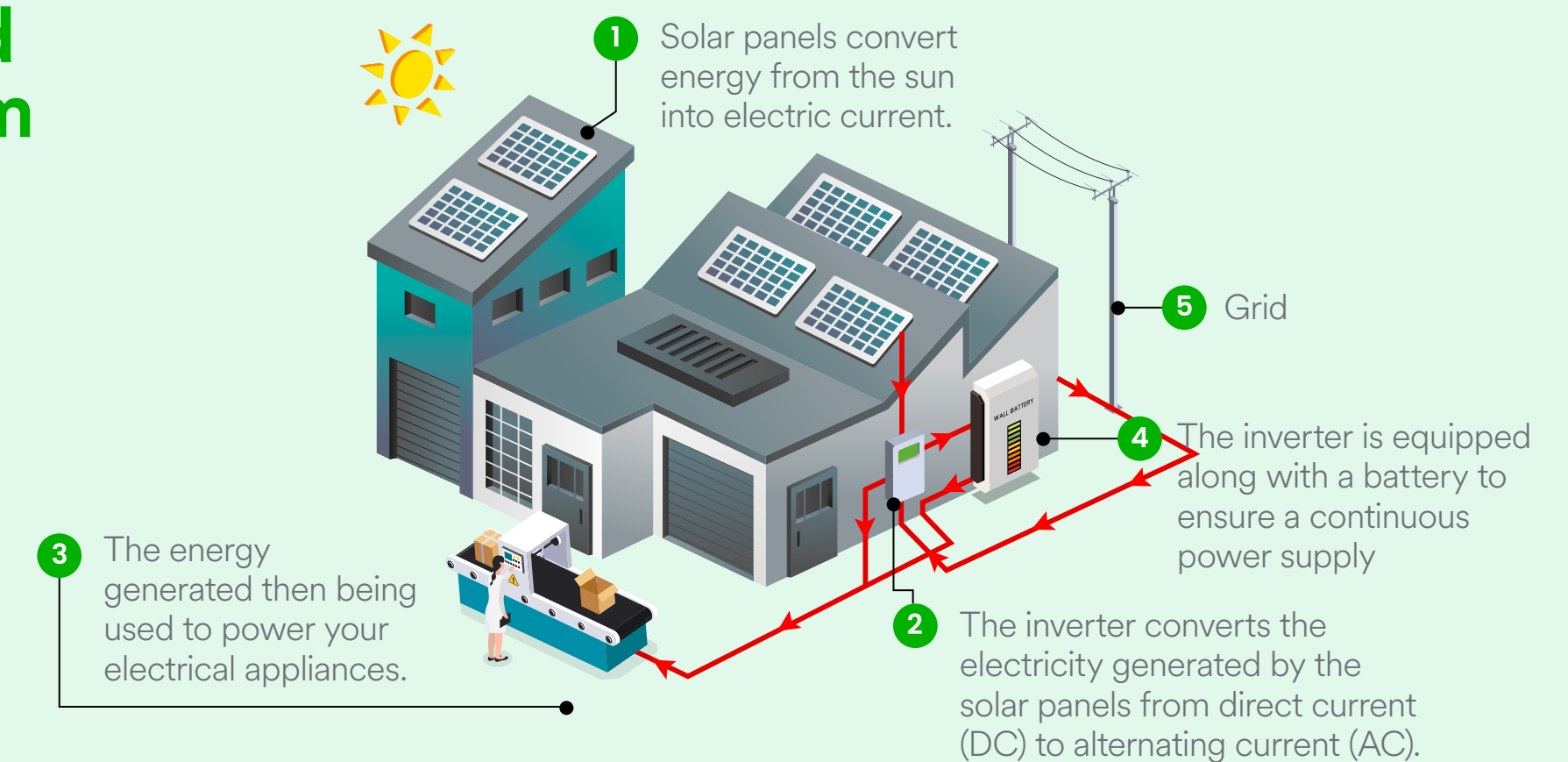
## On-Grid System



## Off-Grid System



## Hybrid System



# SUN Energy Ensures Permits for Solar Energy Operation

SUN Energy navigates regulatory requirements and secures all necessary approvals for solar energy systems. This guarantees a smooth installation process and full regulatory compliance, offering customers a hassle-free transition to renewable energy.



Signed a Memorandum of Understanding (MoU) to work closely with the national electricity provider, ensuring regulatory adherence and promoting the integration of renewable energy solutions.

# Striving for a Sustainable Future in Every Way: ESG Excellence



## Environmental

Continuously reducing carbon emissions through solar energy system installations as our business core, and applying carbon offsetting to make our operations Net Zero.



SUN Energy is aligning its business practices with the United Nations Global Compact (UNGC) for responsible and ethical operations. This alignment supports SUN Group's commitment to achieving the Sustainable Development Goals (SDGs) pillars.



## Social

Empowering Indonesians with renewable energy through various initiatives and consistently leading awareness about clean energy sources across generations.



## Governance

Aligning our business implementation with responsible and ethical operations, adhering to ISO standards, and publishing an annual report.

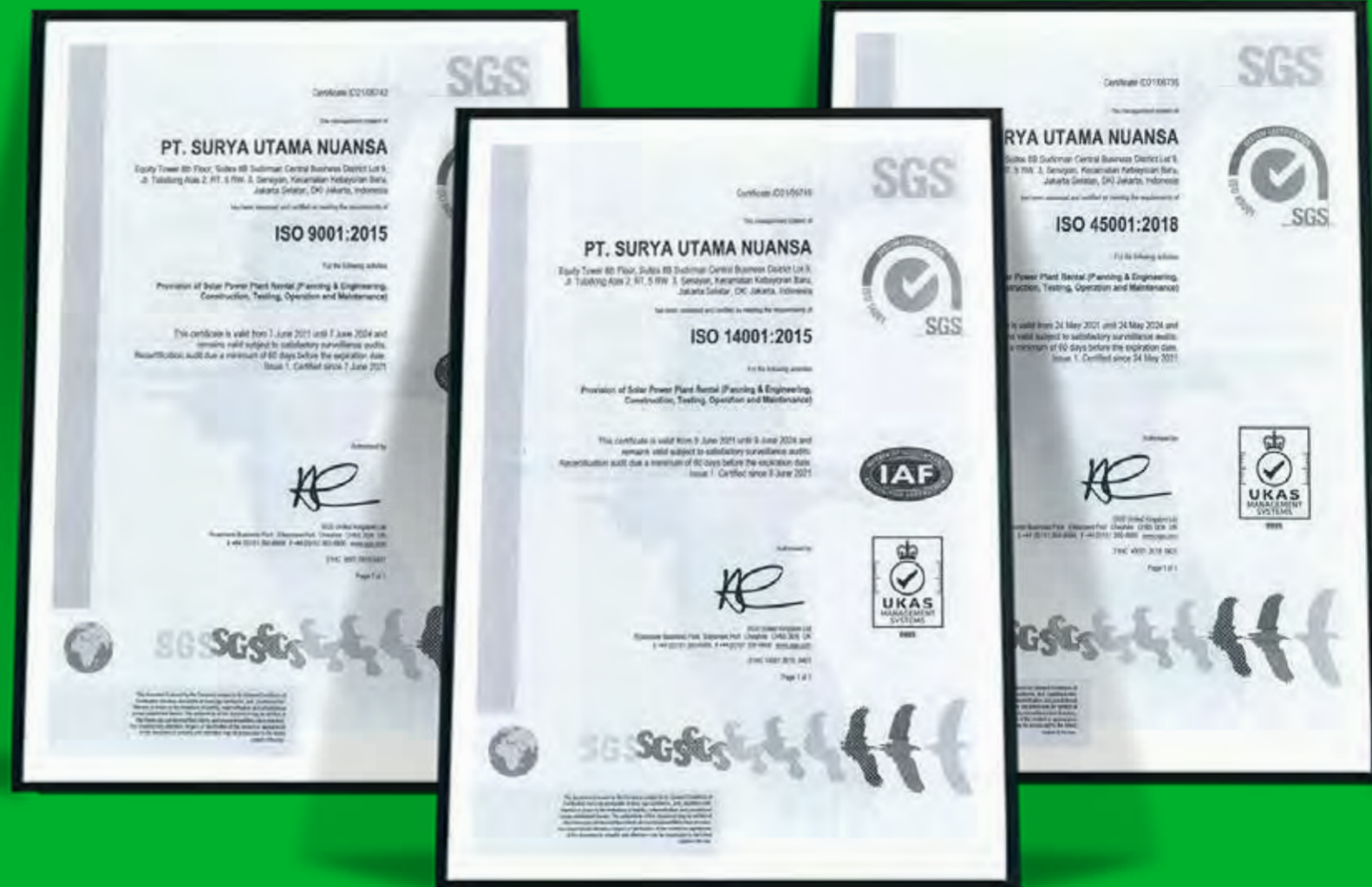


## SDGs Pillars



# Standing as the Largest Indonesian Solar Developer

## with Proven Best Practices



**ISO 9001:2015**  
Standard Quality  
Management  
Principles

**ISO 14001:2015**  
Standard  
Environmental  
Management  
System

**ISO 45001:2018**  
Standard for  
Health and Safety  
at Work



**Top 100 Indo Pacific Climate Tech**  
HolonIQ | 2024



**Pengembang Proyek Tenaga Surya Terkemuka**  
Anugerah Dewan Energi Nasional | 2023



**Corporate Excellence Award for Energy Industry**  
Asia Pacific Excellence Award | 2023



**Solar Company Of The Year (Developer C&I)**  
SolarQuarter | 2023



**Largest Solar Developer Company in Indonesia**  
CNBC Award | 2023



**Best Partner of the Year**  
TrinaSolar | 2022



**Best Digital Transformation**  
Huawei | 2022

# SUN Energy Uses Top Technology

## for your Solar Needs

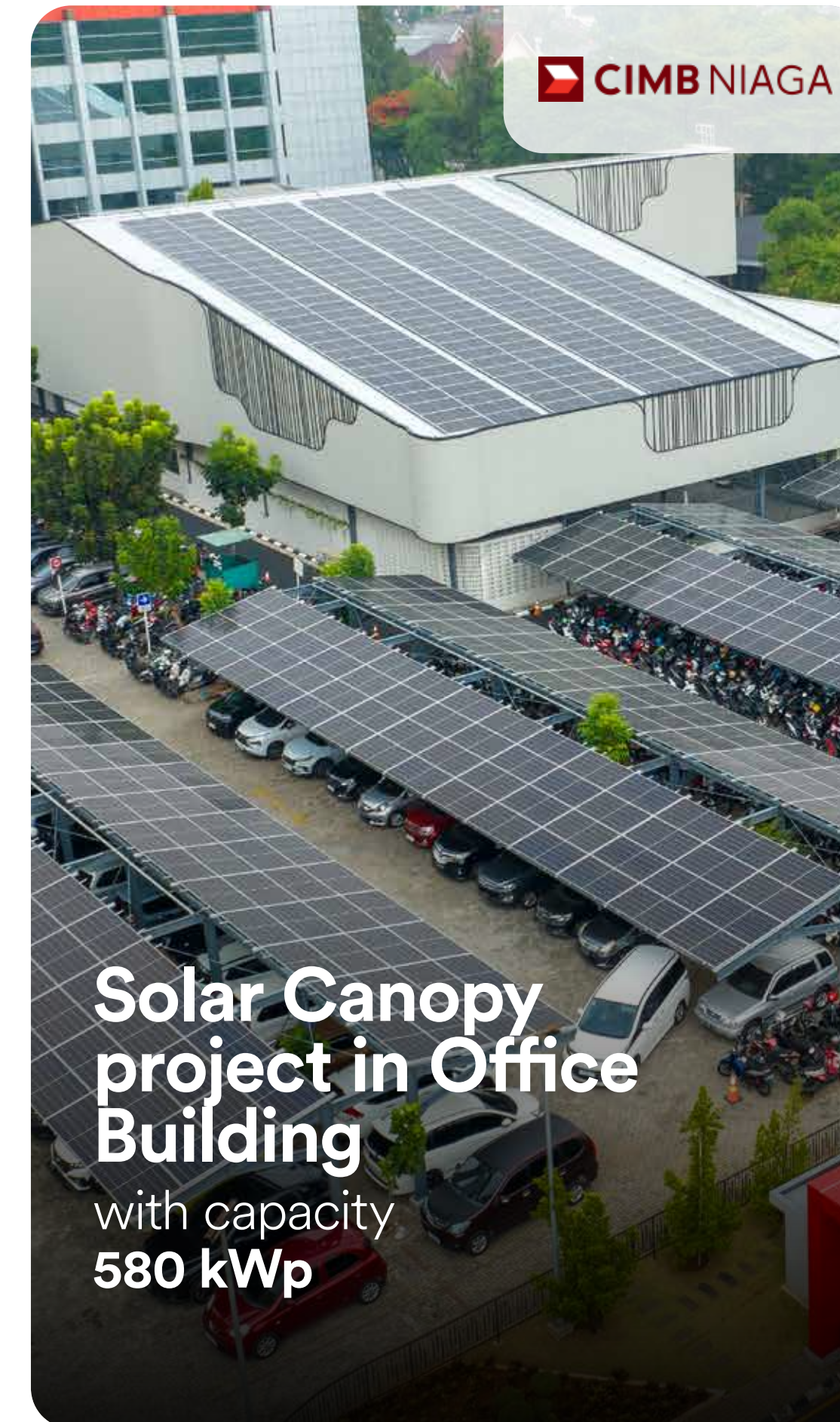
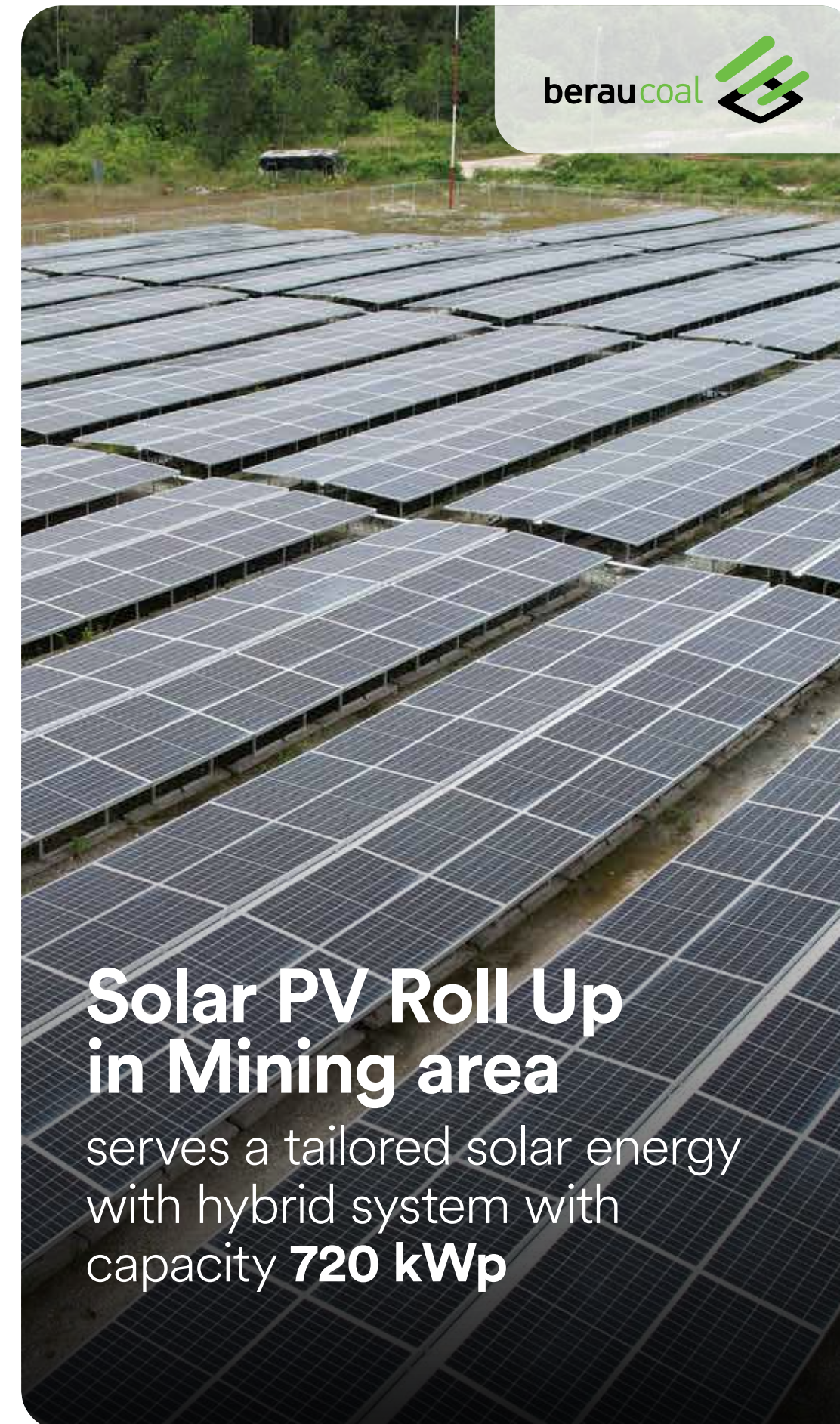


SUN Energy's solar energy system is designed and built to last, with a 25-Year lifetime performance warranty.

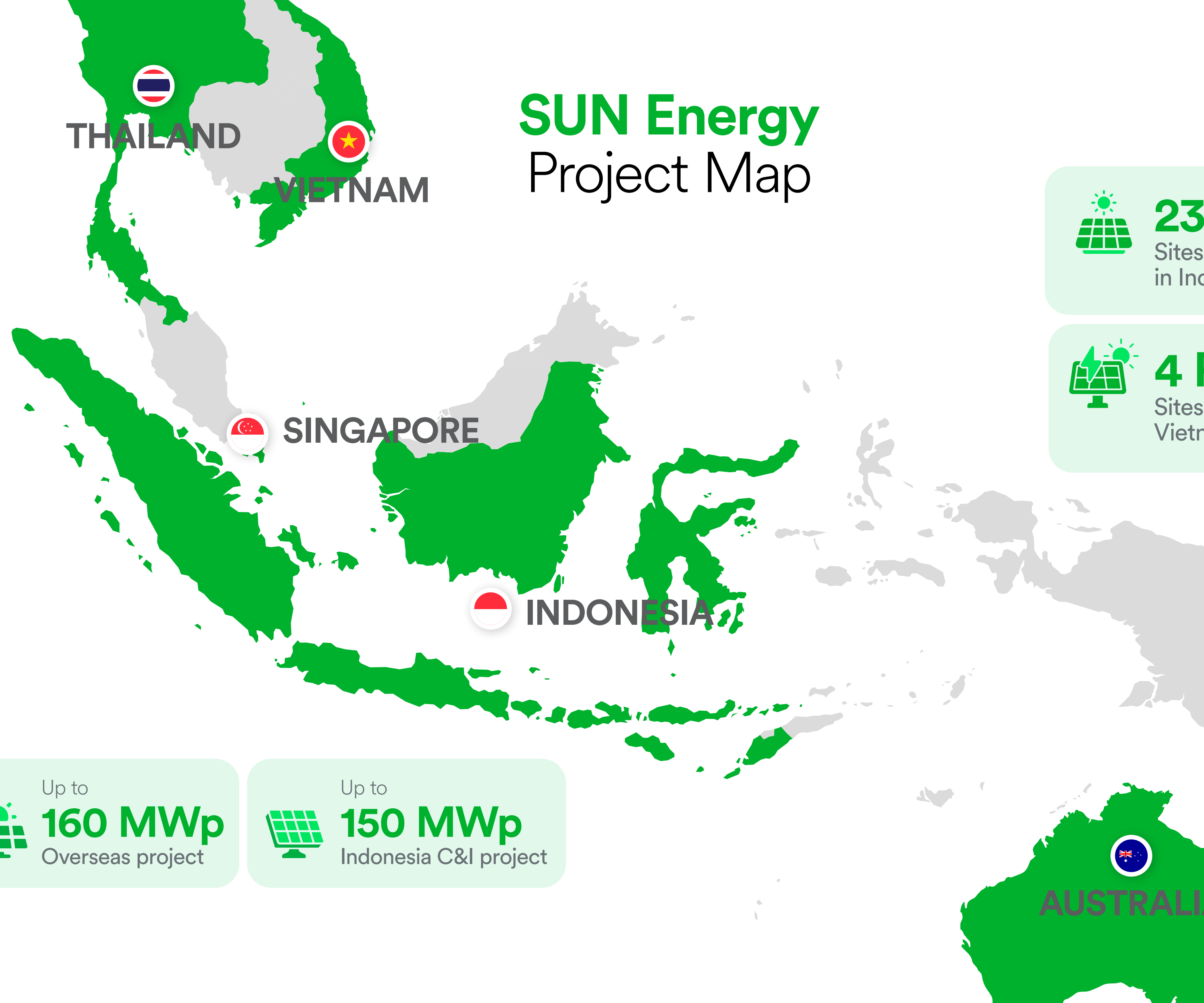
SUN Energy only uses the best quality products from the world's leading manufacturers to maintain high performance of your solar energy system.

Equipment	Product Warranty	Brand
Panel	Standard performance warranty 25 years, Optional performance warranty 30 years & Product warranty 12 years	
Inverter	Standard Product warranty 5 year, Optional product Warranty up to 25 years	
Cabling	Standard Product warranty 1 years	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> <p>DC</p> </div> <div style="text-align: center;"> <p>AC</p> </div> </div>
Mounting	Standard Product warranty 10 years	
Junction	Standard Product warranty 1 years	
Transformer	Product warranty up to 18 months	
Battery	Battery lifetime up to 10 years	


# SUN Energy Innovative Products




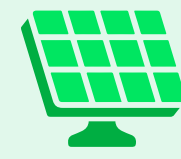
# SUN Energy Project Map



 **230 Project**  
Sites installed in Indonesia

 **4 Project**  
Sites installed in Thailand, Vietnam, Indonesia, Australia

 Up to **160 MWp**  
Overseas project

 Up to **150 MWp**  
Indonesia C&I project



# SUN Energy Notable Projects

## Across Asia Pacific



Australia

### **Merredin Solar Farm, 132 MWp**

SUN is proud being a part of the largest Western Australia's solar energy provider, Merredin Solar Farm project acquired in 2021. Currently Merredin Solar Farm powering approximately 42,000 homes with solar energy.



Thailand

### **Chiang Rai & Nakhon Ratchasima Solar Farm, with total 17 MWp**

A couple projects in Thailand through acquisition symbolize how SUN oversee the advantage of Solar Energy utilization in Thailand.



Vietnam

### **Commercial & Industrial Solar Project, 26 MWp**

Aiming to take a key role in solar energy development in Vietnam, SUN began managing a solar facility in the C&I sector to support further expansion around Southeast Asia.

# SUN Energy Notable Projects

in Sumatra



OPI Mall  
**618 kWp On-Grid**



Namasindo Plas  
**1,5 MWp On-Grid**



Universitas HKBP Nommensen  
**823 kWp On-Grid**



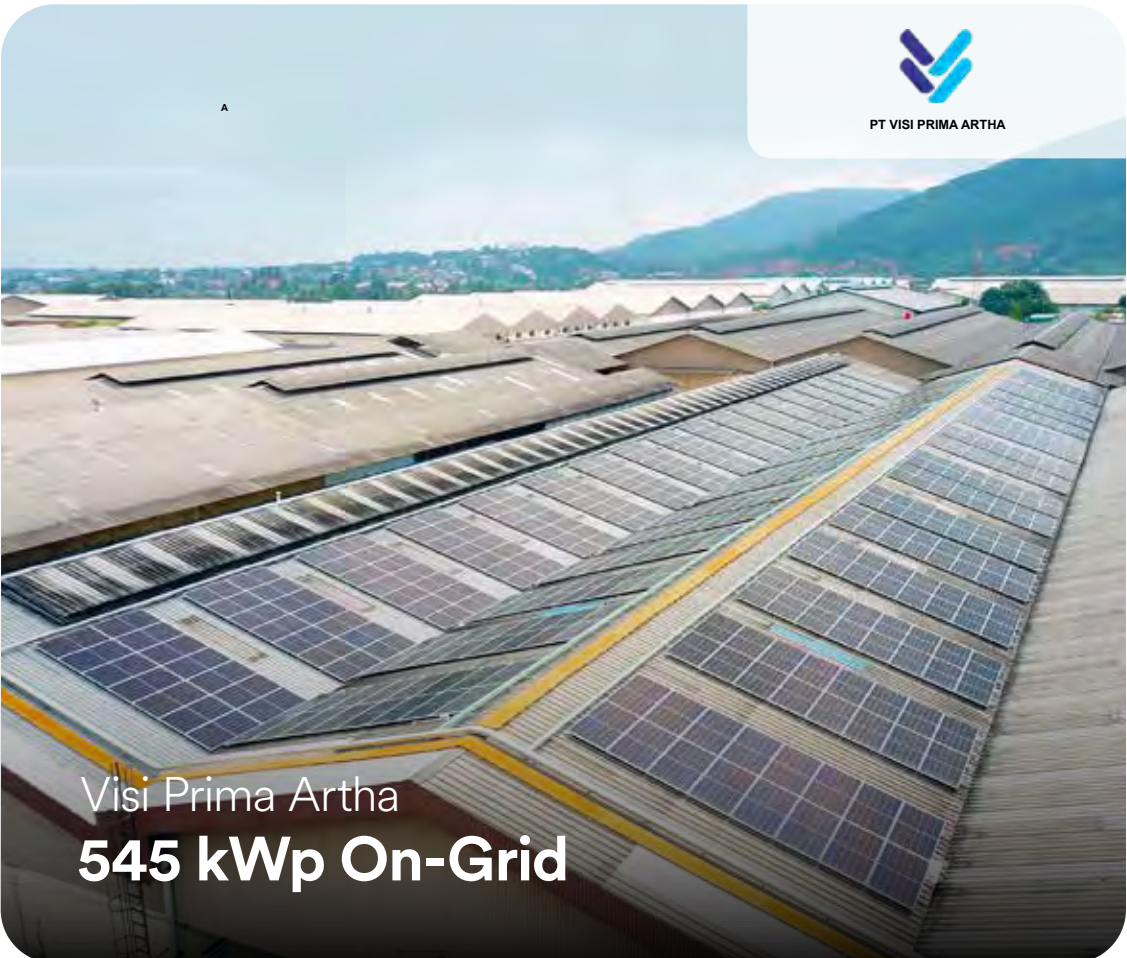
PT Domus Jaya  
**390 kWp On-Grid**



CV Gunung Mas  
**260 kWp On-Grid**



ITERA  
**1 MWp On-Grid**

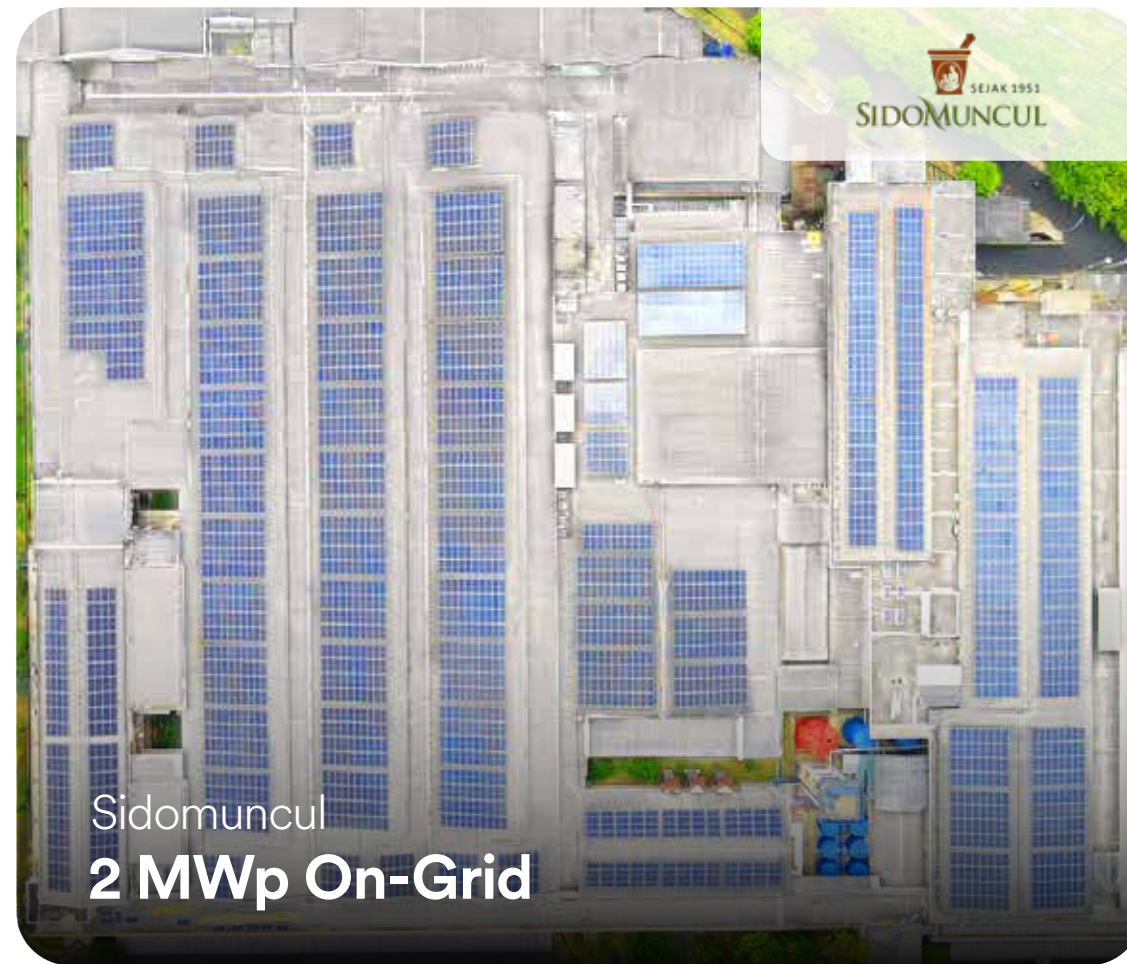


Visi Prima Artha  
**545 kWp On-Grid**



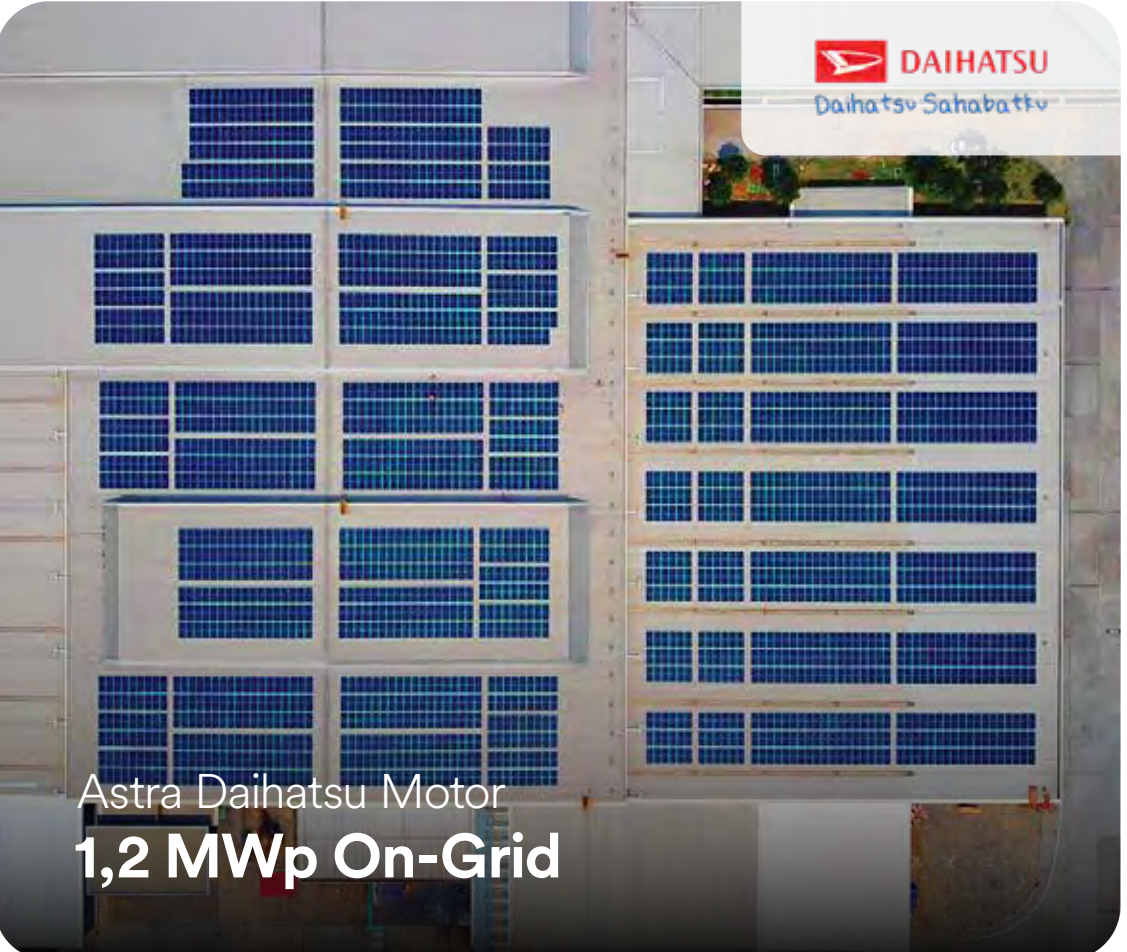
APL Medan  
**100 kWp On-Grid**

# SUN Energy Notable Projects in Central Java



# SUN Energy Notable Projects

in West Java



# SUN Energy Notable Projects

in East Java



# SUN Energy Notable Projects in Kalimantan



BC Suaran  
**720 kWp Hybrid**



Universitas Tanjungpura  
**1,5 MWp On-Grid**



PT Borneo Indobara  
**164,2 kWp On-Grid**



Indocement Tarjun Plant  
**19,7 MWp**

# SUN Energy Notable Projects

in Bali & Nusa Tenggara



Hotel Padma Legian  
**388 kWp On-Grid**



Hotel Padma Ubud  
**196 kWp On-Grid**



ITDC Nusa Dua  
**97 kWp On-Grid**



Desa Cancar  
**3 kWp**

# The Typical Project Stages



## Feasibility Study

- Initial Data Request
- Load analysis
- Digital Survey



## Solar System Indicative Proposal

- Preliminary solar system design
- Preliminary cost savings estimation
- Product selection
- Sign term sheet



## Detail Engineering Design

- Structural analysis
- Solar Energy Capacity Deployment



## Commercial Agreement

- Signing Lease Agreement
- Legal works
- Procurement



## Solar Panel Installation

- Construction scheduling
- Project Kick Off
- Installation/construction
- Commissioning



# Shaping Future Energy

Leading Commercial & Industrial Solar Energy Developer

SUNENERGY.ID | SUNTERRA.ID | OTOPODS.ID | NIRA-WATER.COM

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