

From Solar Rooftops to Integrated Electrification Solutions





From your rooftop to 2 GW+: ten years of building energy for industry

500 MW in operation and 350+ projects delivered. Now generation, storage and fleet electrification across five markets.



FOOTPRINT

Indonesia

Australia

Vietnam

Thailand

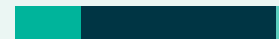
India



ENERGY

2 GW+

Generation & storage capacity
in development and operation



■ 500 MW operating

■ 1.5 GW Mining Development

■ 142 MW MSF, Australia



ELECTRIFICATION

2,500

EVs and eVessels under
development

EV fleets & heavy equipment

eVessels

Mining, plantation, logistics and
industrial-estate fleets; maritime



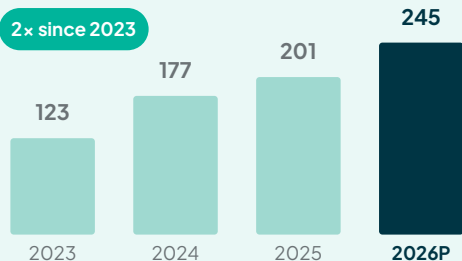
Energy Costs, Supply Reliability and Emissions Are Increasingly Important to Industrial Competitiveness

01 Electricity

The tariff sits below cost, so it has to rise

State subsidy + compensation to PLN, Rp tn

2x since 2023

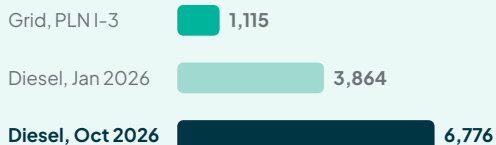


I-3 tariff **Rp1,114.74/kWh**, largely unchanged since 2017. Plan for the reset, not the hold.

02 Fuel

At remote sites, diesel power costs ~6x grid

Cost per kWh, Rp (diesel = fuel only)



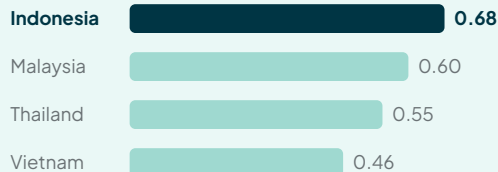
+75% Dextrite, East Kalimantan: Rp13,800/l in Jan to Rp24,200/l in Oct 2026

Before delivery to site, maintenance and the genset itself. B50 from 1 Jul 2026 adds cost on top.

03 ESG & carbon

Your grid sets your carbon footprint

Grid carbon intensity, kg CO₂/kWh



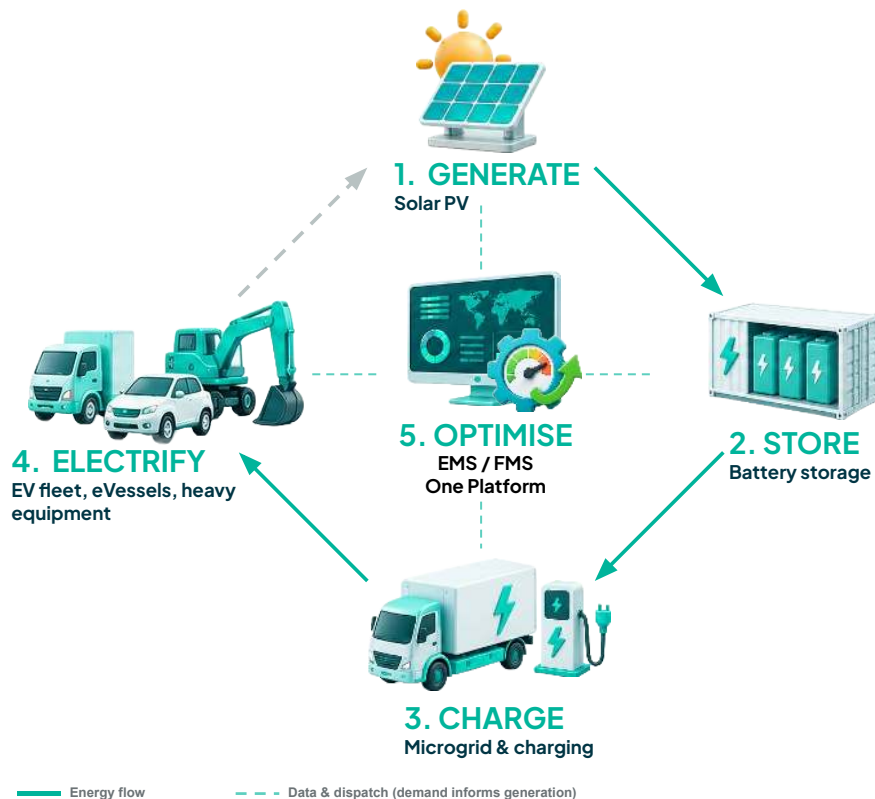
~47% more embedded carbon in the same product made in Indonesia than in Vietnam, because of the grid it plugs into

EU CBAM definitive since Jan 2026; global buyers push Scope 3 targets onto their suppliers.

Key Takeaway: the grid price has to catch up with its cost, diesel already has, and both carry carbon.



One Integrated Solution for Your Energy and Electrification Needs



Why integration beats point solutions?



POINT SOLUTIONS



SUN INTEGRATED

Contracts	4–6 vendors to manage	One contract, one team
Upfront cost	Customer funds each asset	Zero capex, pay from savings
Interface risk	Carried by the customer	Carried by SUN
Charging	Grid-priced, any time	Scheduled to solar output
Data	Siloed per asset	One EMS/FMS view

WHAT THE SITE GETS

Up to 75%
Lower energy cost vs diesel

50–70%
Fleet OPEX saving

24/7
Reliable power, on- or off-grid

Savings: SUN project data (solar PV vs diesel generation; EV fleets vs diesel equivalents). Indicative.



Proven Solar Solutions Across Different Industries and Operating Environments



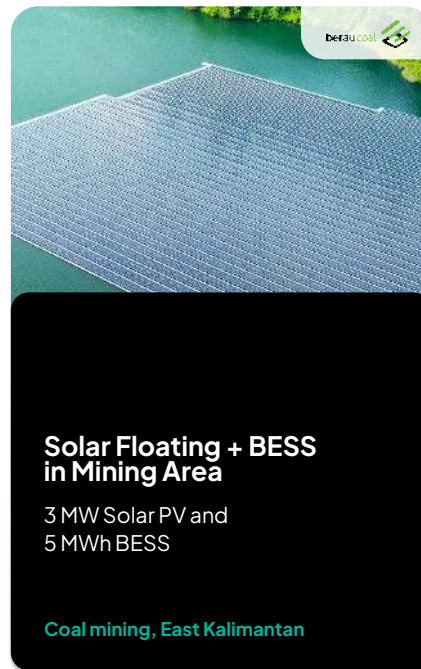
Solar Rooftop, 22 MWp
Operating in East Java area.

Paper manufacturer, East Java



Solar Containerized with BESS
Serves a tailored solar energy with hybrid system with capacity **1 MWh battery and 643,8 kWp** solar energy.

Mining contractor



Solar Floating + BESS in Mining Area
3 MW Solar PV and 5 MWh BESS

Coal mining, East Kalimantan

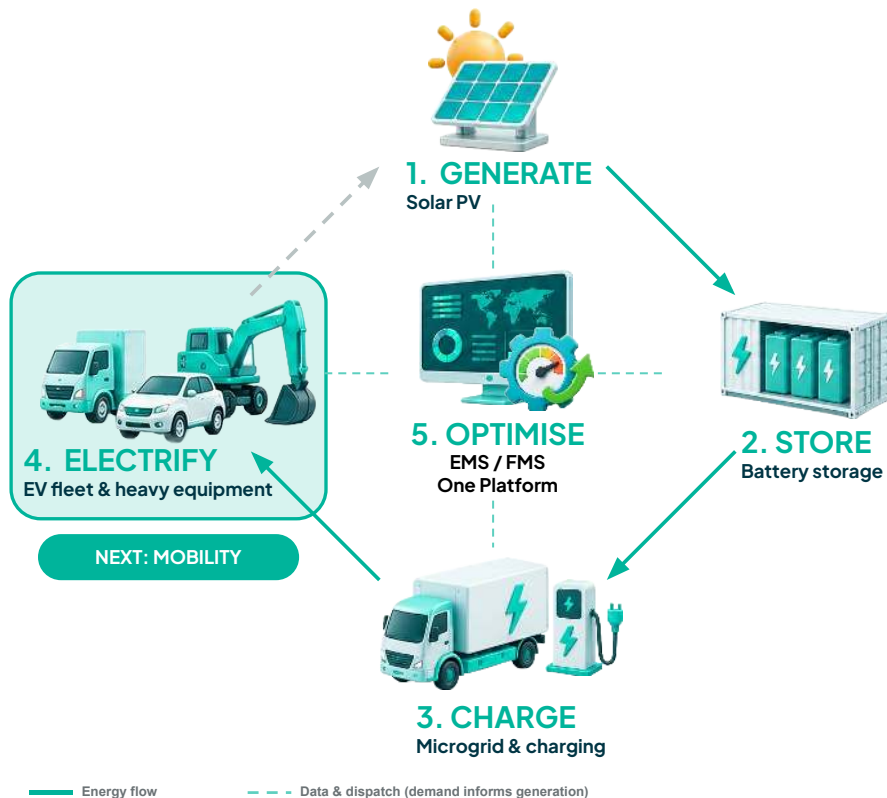


Ground-mounted solar in Cement Industry
70+ MW Solar Installation
In West Java and Sulawesi.

Cement industry



Beyond Power Generation: Electrifying Your Business Operations



WHY THE FLEET IS NEXT

1

Your solar already makes the cheapest kWh on site

Scheduled charging moves daytime solar output straight into trucks, buses and loaders.

2

Diesel is the cost a grid contract never covers

Fleet fuel sits outside every electricity tariff, and it carries the oil and B50 exposure we just saw.

3

Same model: no capex, pay from savings

Vehicles, chargers and maintenance on one monthly bill, run by the same SUN team that runs your power.

Energy and fleet are now one decision.



We Make Fleet Electrification Easier, from Planning to Daily Operations

1 Fleet planning

Route and duty-cycle analysis picks the right EV and charger for each job.

2 Financing

Purchase, leasing or MOVE monthly OPEX, with nothing upfront.

3 Deployment

Vehicles, chargers and the power behind them, installed and commissioned.

4 Maintenance

OEM-backed service, a standby mechanic and live fleet monitoring.

2,500+ EVs and eVessels under development

10+ OEM brands, selected for the duty cycle, not the badge

One partner, one monthly bill.

Across OEMs, chargers, energy and finance.





Electric Fleet Solutions for Different Business and Operational Needs

Our Various Products

Light - Medium Duty Truck



Heavy Duty Truck



Equipments Support



Supporting Product Charging Infrastructure

Private EV Charging Station



AC 22kW



DC 120kW



DC 320kW



DC 360kW



Mobile Charging Station



Battery Swap Station



Potential operating cost saving vs
diesel

50-70% depending on working
conditions



Flexible Financing Options to Support Your Fleet Electrification

Description

Ownership

Flexible Investment

Down Payment

Tenure

Payment Channel

Credit Checking

Fleet Management System

Operational cost saving

Routine standard maintenance

Direct Purchase

Buy an EV truck with maintenance and infrastructure service from SUN

Client



Direct to SUN



Best

Yes, Included

Leasing

Electrification with lesser CAPEX

Client

Lesser



Up to 5 years

Direct to SUN and leasing partner



Good

Yes, Included

BEST OPTION!

MOVE

Monthly OPEX Vehicle Electrification

SUN



Up to 5 years

Direct to SUN



Best

Yes, Included



Reliable Maintenance and Technical Support to Keep Your Fleet Running

SUN covers maintenance

(routine maintenance or FMC)



Free Standby Mechanic for up to 1 year



Transfer knowledge to local mechanic for FREE



[Optional] SUN PIC to troubleshoot on site



Spare part consignment upon discussion on certain purchase amount





Snack maker: solar on the plant, EVs on the road, 42% lower fleet TCO

Rooftop solar on the factory, electric trucks for distribution, monthly OPEX with zero upfront cost.



VERIFIED ANNUAL IMPACT
FROM SOLAR PANEL

702.76

tCO₂ avoided / year

42%

TCO savings with the current fuel price

Monthly OPEX

Model, risk-free solution for distribution

0 Upfront Cost



PROJECTED SAVING USD 2.1mio in 5 years



1,050 tCO₂ avoided in 5 years



East Kalimantan coal mine: electrified end to end, phased to power

Floating solar, battery storage, charging and an electric fleet, rolled out as each megawatt comes online.



FULLY CRAFTED MINING SOLUTION



PHASED TO THE GRID

Rollout sequenced to available power — kWh deployed the day it's energized



FULL-STACK ELECTRIFICATION

Vehicle, charger, grid — one integrated system



ENGINEERED FOR THE PIT

From LV fleet to mining-grade EV bus — built to spec, not retrofitted



ZERO CAPEX · one monthly bill



21,400 tCO₂ avoided in 5 years



A Phased Approach to Electrification, Designed Around Operational Readiness

Pilot: Light Vehicles

Month 1–3

55-70%

OPEX saving

Solar + BESS Commission

Month 3–8

40-50%

energy saving

Fleet Expansion

Month 8–18

70%+

fleet OPEX saving

Full Scale Operation

Month 18+

80%

total OPEX reduction

100 EVs deployed.
FMS calibrated.
Baseline captured.

Solar array commissioned.
BESS provides overnight
buffer. Diesel gensets to
backup.

Full light fleet electrified.
Hauler electrification pilot
begins.
FMS + EMS fully integrated.

RESCO model active.
20-yr fixed tariff locked.
ESG carbon dashboard fully
operational.



Smarter Energy Management for Greater Efficiency and Reliability

1 Cost & optimisation

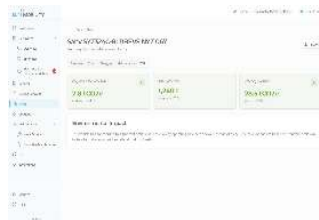
- Peak demand and time-of-use charges hide inside the PLN bill
- Solar, battery and genset run separately, so the cheapest kWh is wasted
- No single view of cost per kWh by source and by site

2 Reliability & uptime

- A grid dip or genset trip stops production
- Battery and inverter faults are found only after they fail
- Off-grid sites cannot wait for a technician to switch sources

3 ESG & carbon

- Scope 2 claims need metered, auditable kWh
- CBAM and buyer audits ask for carbon per product
- Manual spreadsheets do not survive an audit



Real-time energy flow

Solar, battery, grid and genset on one live view



Diesel displacement

Genset hours and litres avoided, per site



Solar & BESS performance

Yield, availability and state of charge per asset



Carbon accounting

Metered Scope 2 reporting, audit-ready



Peak shaving & tariff

Battery dispatched against peak and time-of-use charges



Predictive maintenance

Inverter and battery health flagged before failure



Your Trusted Electrification Partner

Catch us on social media:

