

BANPUNEXT

Driving Businesses
Towards Sustainable
Transition Through
Intelligent Solutions

Bangkok Bank

The Great Green Transition: Sustainable Growth in Action

18 March 2026

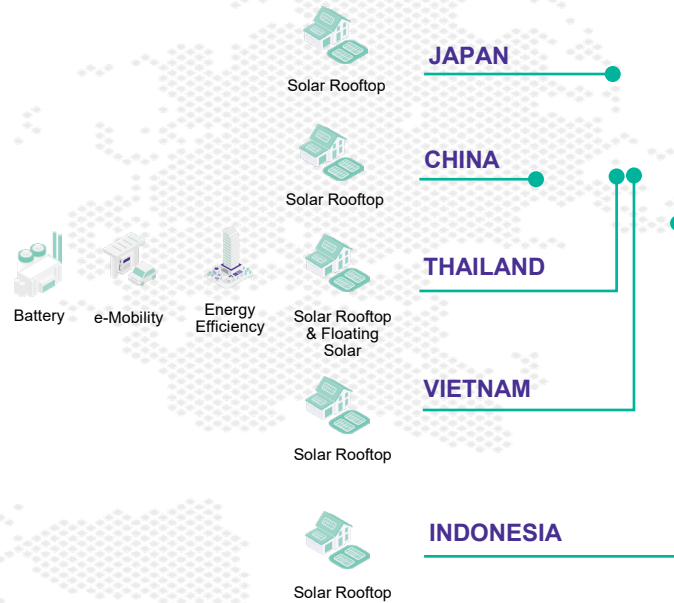


BANPU NEXT COMPANY LIMITED

A SUBSIDIARY OF BANPU PUBLIC COMPANY LIMITED.
BANPU NEXT IS A LEADING **NET ZERO SOLUTIONS**
PROVIDER IN THE ASIA-PACIFIC REGION

We empower businesses and communities to achieve sustainability goals by investing in emerging digital technologies and megatrends, while delivering Net Zero solutions to support all customers' decarbonization needs and accelerate their Net Zero journeys.

NET
ZERO
SOLUTIONS
PROVIDER



VISION

Shaping a sustainable future with innovative Net Zero Solutions.

MISSION

Delivering innovative Net Zero Solutions for all.

NET ZERO SOLUTIONS PROJECTS NATIONWIDE

+160

Projects

CO2 Emissions
Reduction approx.

UP TO

82,000

Tons per year

“ As a long-term and trusted Net Zero partner, we empower Thailand’s commercial & industrial (C&I) transformation to **create their business value and sustainable returns.**”



8 MW

GREAT WALL MOTOR

Biggest Solar Carport in Thailand



5,300,000 kg/year



16 MW

TRIBECA ENTERPRISE

Solar Floating in LK Rubber Industrial City Hub, Rayong



9,200,000 kg/year



FLS GROUP

EV Charging Stations in Central, Eastern and Northeastern region for e-truck fleet



1,300,000 kg/year



JW MARRIOTT HOTEL BANGKOK

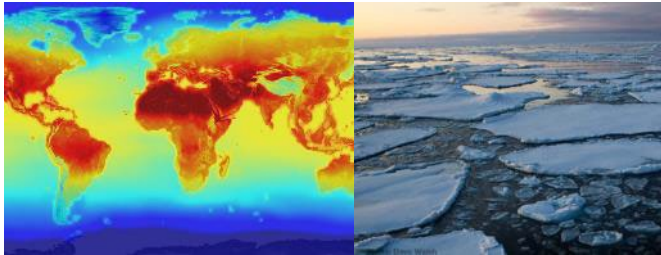
AI-controlled Chiller System



700,000 kg/year

CLIMATE CHANGE CRISIS

Extreme Weather Events During 2 – 3 years



Temperature and Vital Signs

Record-Breaking Heat in 2024 and 2025
Ocean heat and GHG concentrations



Severe Droughts

East Africa experienced its most devastating drought in decades



Catastrophic Flooding

Heavy rains and severe flooding affected many countries displaced millions, as well as the Southern Thailand in 2025.



Wildfires

The 2025 wildfire in the Europe was the most extensive on record by area burned.

POLICY AND ACTION

"Climate cooperation is alive and kicking, keeping humanity in the fight for a livable planet"



Paris Agreement Overshoot:

Need for urgent "Emissions Reduction" strategies and the global rising energy demand demonstrates the energy security, integrated, and resilience.



2025 Milestones:

The International Year of Glaciers' Preservation to highlight the rapid loss of the cryosphere.

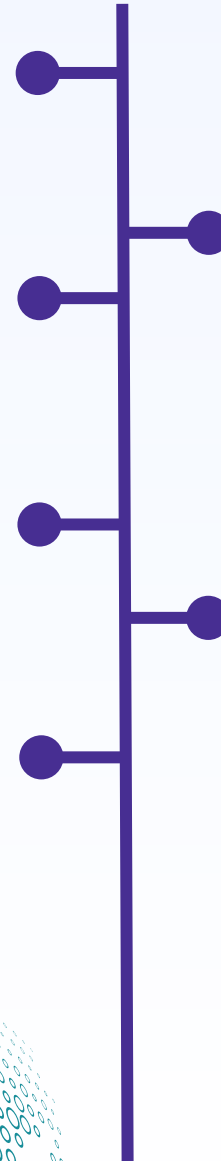


- **Expand Clean Energy and ESS**, aligning with renewable energy capacity target.
- **Climate finance for developing countries** to advance heat action plans and green initiatives.
- **Digital technology and AI innovation for developing countries** to accelerate digital transformation, reduce costs, and enhance disaster response.

WHAT THAI BUSINESSES SHOULD FOCUS?

- 1** **Regulatory & Policy Pressure**
Carbon Pricing & Tax, Mandatory Disclosure, Net Zero Targets
- 2** **Physical & Transition Risks**
that impact the business operation; natural disaster, laws, technology disruption, and Liability Risk
- 3** **Supply Chain Decarbonization**
Collaboration across value chain, including customers, partners, and suppliers for scope 3 emissions management
- 4** **Capital & Finance Shift**
Green Finance, ESG Investor Pressure, Green Bond & Sustainability-Linked Loan

HOW TO TACKLE CHALLENGES?



Short-term operations

- All scopes GHG emissions **measurement and tracking** according to GHG Protocol and implement **decarbonization**

Medium to Long-term

- Design **Net Zero strategy & roadmap, Decarbonization/Net Zero Solutions, Tracking and monitoring** for optimization, and verify your emissions reduction progress
- Business Model Transformation** to drive low-carbon economy, **Green supply chain, and offset** the remaining emission



BANPUNEXT

**Empowers
Businesses to
Achieve Their Goals**

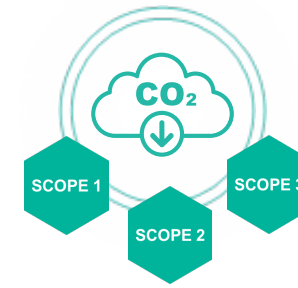


NET ZERO SOLUTIONS

We provide **end-to-end intelligent solutions** for commercial and industrial customers to optimize energy costs, improve operational performance, and boost competitiveness while supporting customers' decarbonization needs and accelerating their Net Zero journeys.

Emissions Reduction

BANPUNEXT



1



NET ZERO
CONSULTATION

2



SOLAR & ENERGY STORAGE
SYSTEM (ESS)

3



ENERGY EFFICIENCY &
UTILITIES MANAGEMENT

4



GREEN
TRANSPORTATION

← . . . SMART MONITORING PLATFORM . . . →

NET ZERO CONSULTATION

To offer *expert guidance from strategy to execution* for the customers' Net Zero Journeys

Planning

Implement

Measure

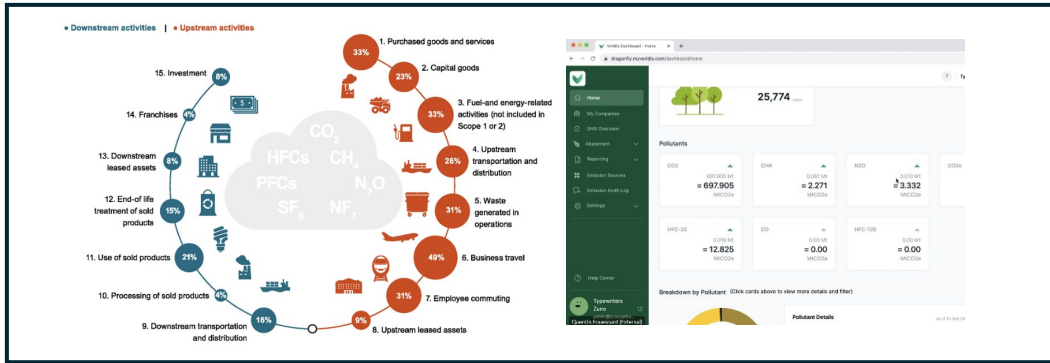
Design a Net Zero roadmap

Implement decarbonization solutions

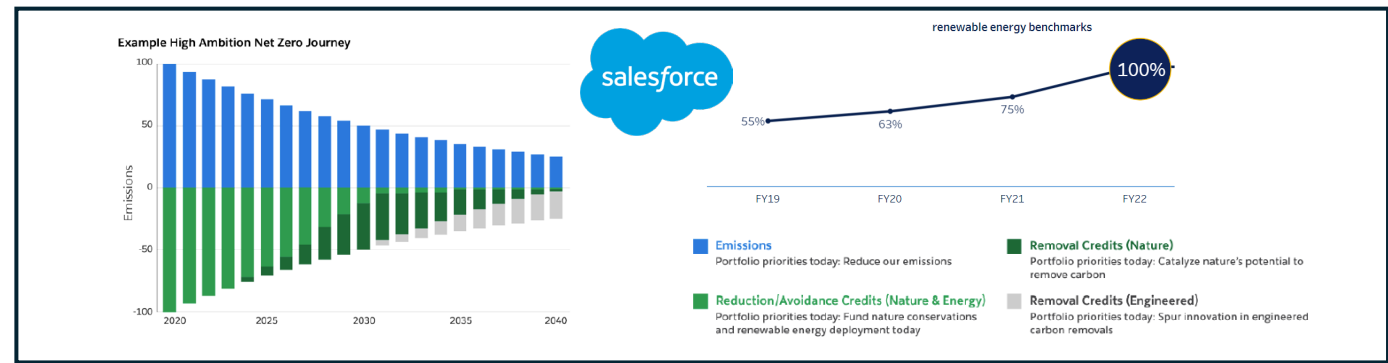
Track with continuous optimization

Offset the remaining emission

#1. Identify, measure emissions, and define your scopes via carbon accounting platform

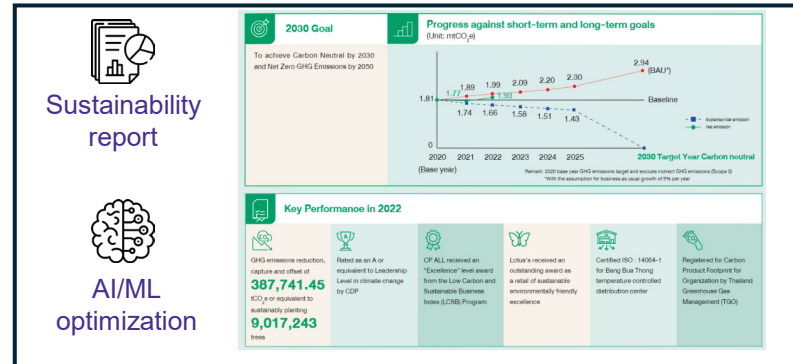


#2. Prioritize goals, set strategy, and create initiatives to achieve goals



#3. Utilize total energy solutions, integrated with AI and smart technology for energy optimization and lower CO2 emissions across all scopes

#4. Track on-going process and communicate your emissions reduction progress



#5. Offset the remaining emission
Purchase RE, REC, or carbon credits

* Period depends on business types and size.

SOLAR GENERATION & ENERGY STORAGE SYSTEM



We offer tailor-made, performance-optimized solar power, combining with energy storage system complete with installation service to help your business **save up to 60%* of electricity cost** along with investment options that will ease your diversification to clean energy sources, **ensure smooth business operation with 24/7 continuity of power supply, and support your sustainable business return.**



319 MW*

committed of solar rooftop, carport, and floating capacity across Asia-Pacific



Floating Solar



Cutting-edge technology - attention to detail in every step of the installation



24/7 after-sales services to ensure the most efficient customer care



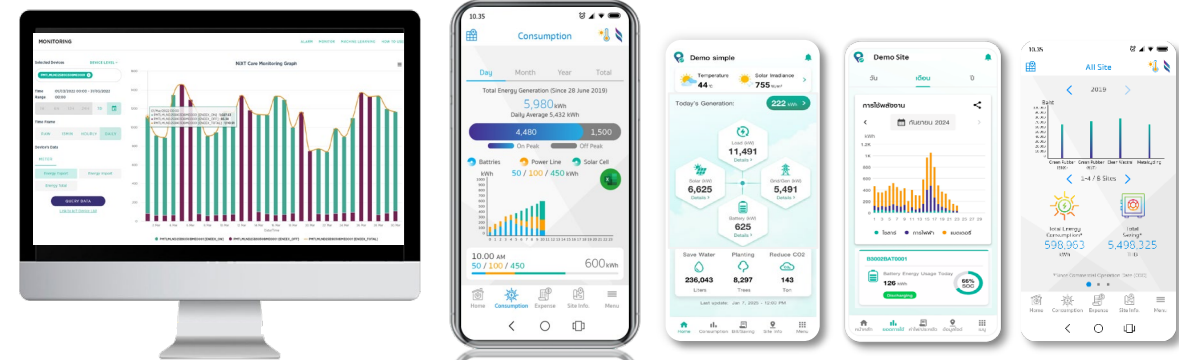
Solar Rooftop



Solar Carport



Energy Storage System



Real-time self-monitoring of solar generation via digital platform

*Data as of Q4/2025

ENERGY EFFICIENCY & UTILITIES MANAGEMENT



We offer tailor best-fit energy efficiency such as **district cooling systems, chillers, and integrated solutions optimized with IoT and sensors for various building types.** All our systems leverage AI for performance optimization and utilize environmentally friendly coolants.

We also operate and maintain the systems with **guarantees on energy efficiency performance and energy cost saving**



CHILLER

DISTRICT COOLING SYSTEMS

AI-CONTROLLED COOLING SYSTEM

FACILITY MANAGEMENT



41 PROJECTS*

in Thailand including energy management and smart infrastructure



District Cooling System
Thai Government Complex Center Zone C
Bangkok, Thailand



Chiller Plant & AHU Preventive Maintenance
Michelin, Rayong, Thailand



Chiller Plant
Chamchuri Square, Bangkok, Thailand



Preventive Maintenance Services
PTT Global Chemical, Rayong, Thailand

*Data as of Q4/2025

GREEN TRANSPORTATION

Emissions Reduction



BANPUNEXT

For the transport and logistics businesses covering **commercial electric vehicle (EV) fleet leasing, charging stations, and AI-powered fleet route optimization platform** to enhance operational and delivery efficiency while reducing costs and carbon emissions.

Commercial EV Fleet Leasing



- **Full EV Line-up** from light-duty vans to heavy-duty trucks
- **Flexible EV Leasing Financing Options**, matching your needs

Commercial EV Fleet Charging Stations



- **9 strategic locations along major highway routes** for long-haul transportation
- **High-power and fast charging, Cost-Effective** electricity rates, **Fleet-Centric Designed** area, and **Smart Management with booking** in advance and 24/7 customer service
- **Depot Solution** EV fleet charging infrastructure at logistics depots, warehouses, or distribution centers.

AI route optimization platform



- **Cut logistics costs by 20 – 30%** and improve on-time delivery rates.
- **Advanced Route Planning and Smart Scheduling & Zones**
- **Load & Capacity Management**, maximizing cargo space and controlling load balance and weight distribution for safe transport.



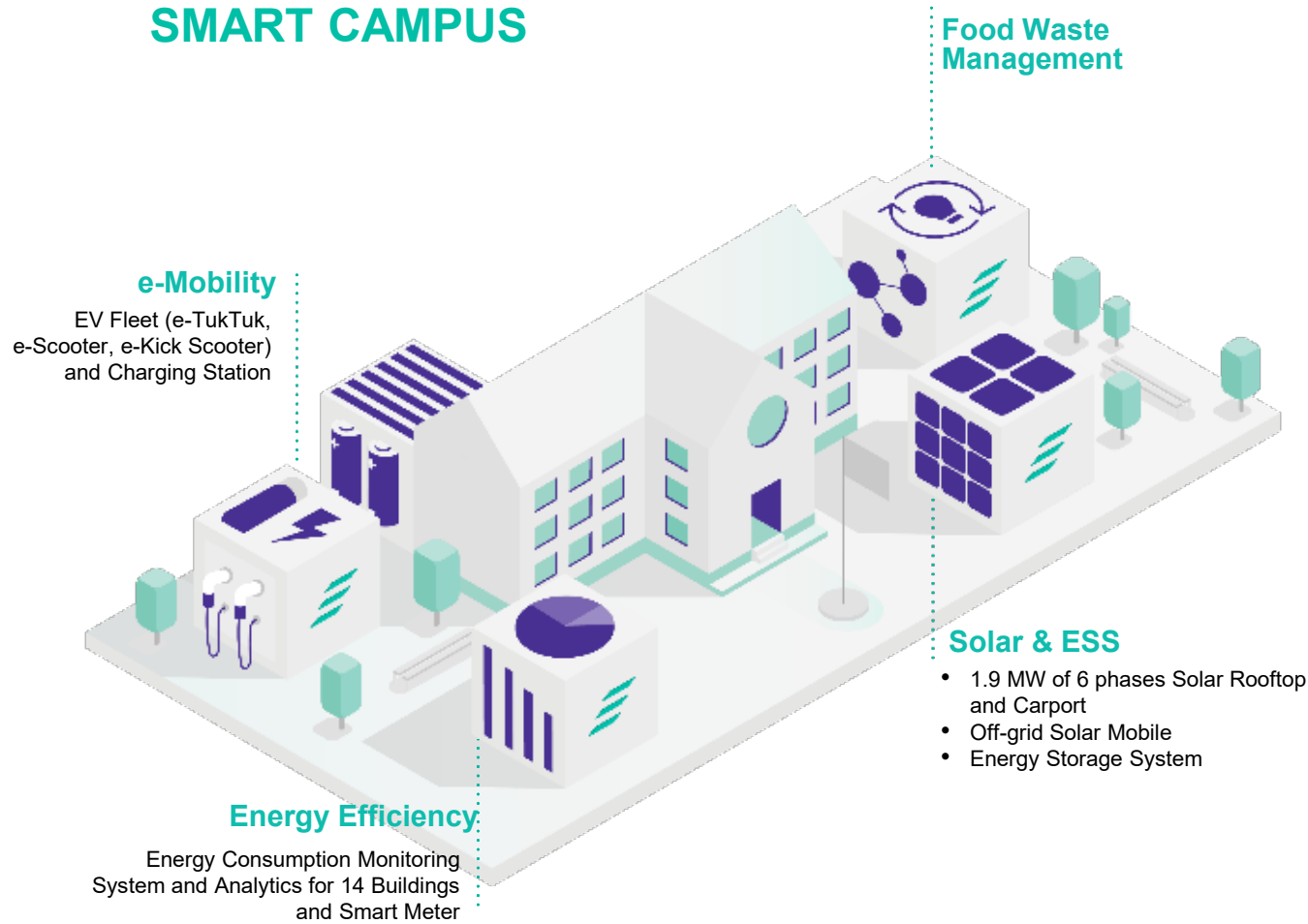
AI route optimization platform



PROJECT REFERENCE

RUGBY SCHOOL
CHON BURI, THAILAND

SMART CAMPUS



CO₂ Emission Reduction
1,113,165 kg/year



Electricity Saving Valued
1-2 M THB/year



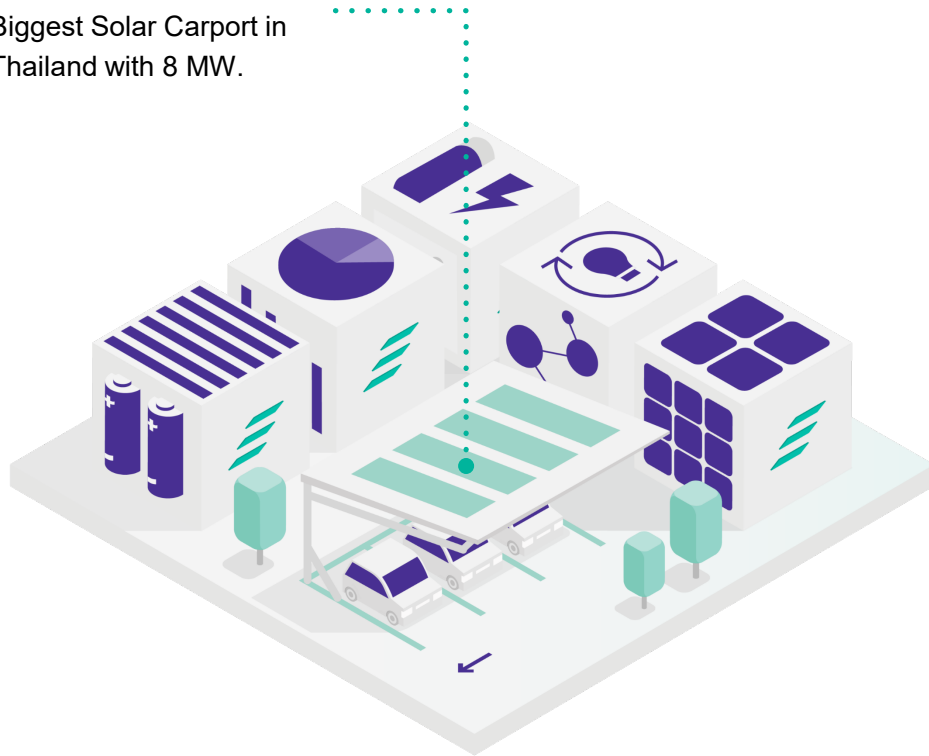
Fertilizers Amounted
2.5-3.5 tons/year from food waste 100 kg/day

GREAT WALL MOTOR, THAILAND

SOLAR GENERATION

SOLAR CARPORT

Biggest Solar Carport in Thailand with 8 MW.



CO₂ EMISSION REDUCTION estimate
5,300,000 kg/year*



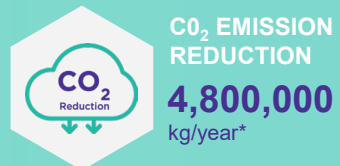
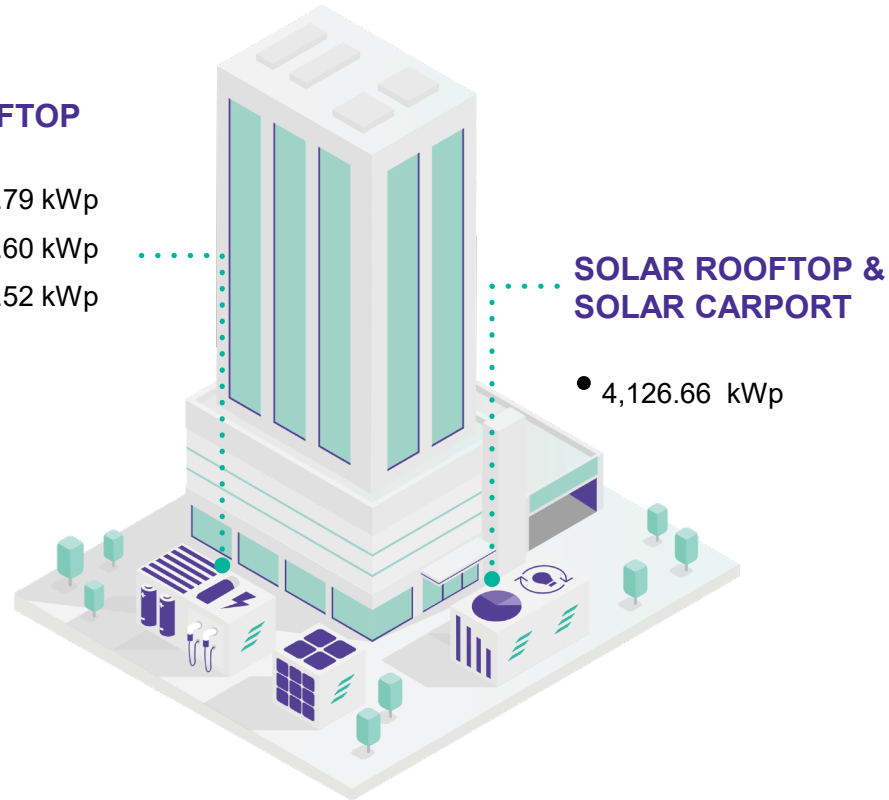
ELECTRICITY SAVING VALUED estimate
30 M THB/year*

BHIRAJ BURI GROUP, THAILAND

SOLAR GENERATION 2 LOCATIONS TOTAL 5.1 MW

SOLAR ROOFTOP

- Phase 1: 316.79 kWp
- Phase 2: 189.60 kWp
- Phase 3: 479.52 kWp



PROJECT REFERENCE
ENERGY EFFICIENCY



JW MARRIOTT, BANGKOK

Improved Chilled Water plant with cooling capacity ~ 1,350 RT

640,000 kg/year
 CO2 Emission Reduction



SB DESIGN SQUARE, PHUKET

Chiller plant management
 Cooling Capacity ~ 460 RT

238,000 kg/year
 CO2 Emission Reduction



THAI GOVERNMENT COMPLEX CENTER

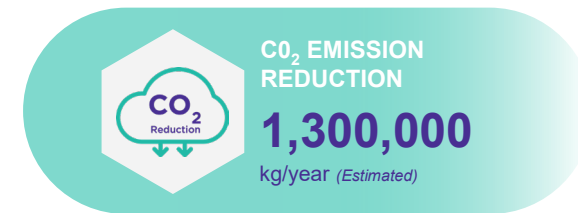
The district cooling system with a total cooling capacity of up to 14,000 RT

3,000,000 kg/year
 CO2 Emission Reduction

COMMERCIAL EV FLEET STATION



Banpu NEXT provides EV charging solutions to support **FLS GROUP**'s fleet operations in Central, Eastern and Northeastern region, serving total 70 EVs; 4-wheel, 6-wheel, 10-wheel, and Prime Mover



OTHER CUSTOMERS FOR THEIR LOGISTICS & TRANSPORTATION



บริษัท เมืองสะอาด จำกัด
MUANG SA AD CO., LTD



Double A



PROJECT REFERENCE

COMMERCIAL EV FLEET LEASING



4 E-Shuttle Buses
for **Montri Transport** at ONE Bangkok

59,500 kg/year
CO2 Emission Reduction



23 E-Pickup Trucks
for **AOT** at Suvarnabhumi Airport

124,000 kg/year
CO2 Emission Reduction



11 E-Prime Movers
for **Muang Nguen Enterprise**, Lao

483,000 kg/year
CO2 Emission Reduction

BANPUNEXT

Your Net Zero Partner,
always NEXT to you
for accelerating
a sustainable transition

