

INNOPOWER

IGNITE ENERGY
INNOVATIONS
FOR TOMORROW





WHO ARE WE?



STATE-OWNED ELECTRICITY
& UTILITY ENTERPRISE



INDEPENDENT POWER PRODUCER
IN THAILAND

+

+

+

INNOPOWER



“

EMPOWERING ORGANIZATIONS AS

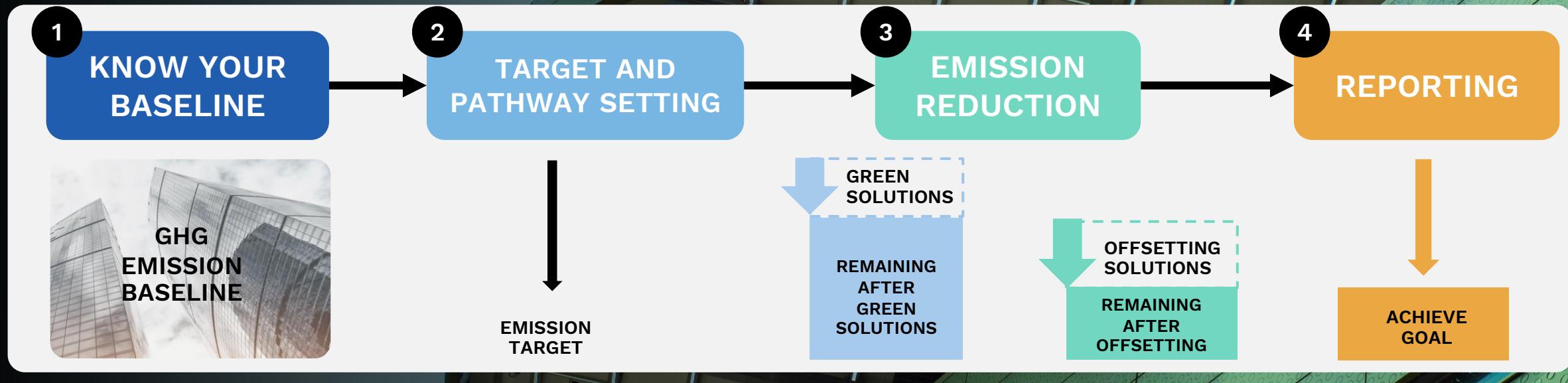
A DECARBONIZATION PARTNER

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INNOPOWER AS A DECARBONIZATION PARTNER

MISSION : STANDING SIDE BY SIDE WITH CUSTOMER FOR DECARBONIZATION ACHIEVEMENT





1) KNOW YOUR BASELINE

KNOW YOUR BASELINE WITH GHG REPORTING PLATFORM

GHG PLATFORM BENEFIT

- **Seamlessly sync** with daily working operation.
- **Data linkage** to enterprise software for auto-input.
- No limitation for data size.
- **Realtime value** for immediately tackle the emission problem.
- **Save consultant fee** due to well-organized emission data.
- Align GHG reporting system with supply chain and customer.



PRODUCT'S CUSTOMERS

100 SME +
ACTIVE CLIENTS IN THAILAND

A LARGE NUMBER OF CLIENTS IN JAPAN

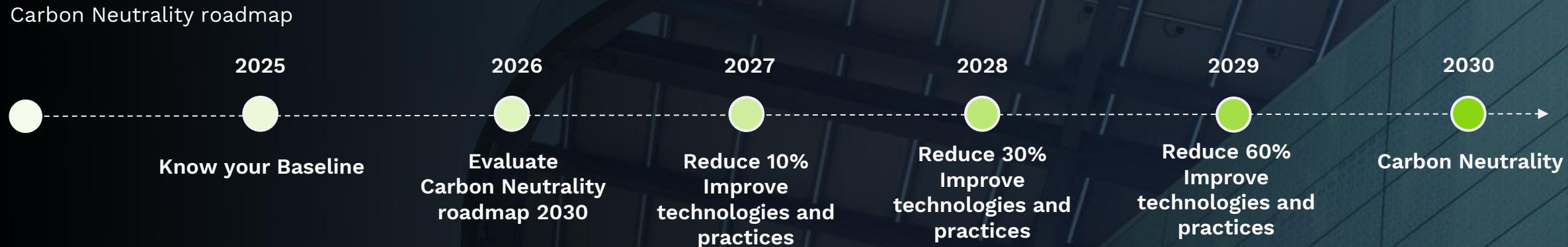




2) TARGET & PATHWAY SETTING

DECARBONIZATION CONSULTATION

Identify decarbonization pathways – including strategic objectives and key milestones and initiatives



The business sector plays a pivotal role in advancing sustainability efforts. As your organization moves towards a Net Zero target but feels uncertain about where to begin, we're here to help as your decarbonization partner. We stand ready to offer consultations and one-stop energy solutions to elevate your organization towards sustainable green energy practices.



3) EMISSION REDUCTION

GREEN SOLUTIONS

SOLAR ROOFTOP EPC

ENGINEERING PROCUREMENT AND CONSTRUCTION

1

DESIGN

We provide customized solar designs to meet the specific needs of your property.

2

PERMITTING

We take care of all the necessary Permitting and paperwork for the Installation process.

3

INSTALLATION

Our experienced construction teams ensure that solar panel Installation is completed safely and on time.

4

COMMISSIONING

We commission the solar energy system to ensure maximum performance and energy savings.



SUCCESS CASE

UNIVERSITY'S SMART CAMPUS



STREETLIGHTS



EV & CHARGER



ROOFTOP SOLAR PANELS

BATTERY ENERGY
STORAGE SYSTEMENERGY
MANAGEMENT SYSTEM

ENERGY REDUCTION
>2M
kWh / ANNUAL

CARBON REDUCTION OF
>15K
TON CO₂e / Project

*Estimates Values. Actual figures may vary due to building infrastructure, system efficiency, and other factors.



DESIGNING & CREATING EV BUS FLEET SYSTEMS

We offer large EV buses to complement your organization's transportation system.

Our expertise in integrating EV fleets extends from our experience working with the electricity generating authority of Thailand.



EGAT MAE MOH
POWERPLANT



EGAT
HEADQUATER



EGAT CITY BUS



SRINAKARIN DAM



SUCCESS CASE

EGAT MAEMOH PROJECT

28 BUSES

@ MAEMOH POWER PLANT

FUEL COST SAVINGS : UP TO 750,000* THB ANNUALLY

2-YEAR CARBON REDUCTION : ~1,406,804* kg CO₂e



THE ROAD TO 2030 EV ECOSYSTEM EV CHARGING SOLUTIONS

- 
- A photograph showing a man in a white shirt and trousers walking away from the camera on a paved area. In the background, an electric car is connected to a grey EV charging station. The station has the brand name 'exicom' and 'honeywell' visible on it. A large, modern building with glass walls and a curved roof is in the background, surrounded by greenery and trees.
- 1. EV CHARGER THAILAND'S AUTHORIZED DISTRIBUTOR
 - 2. EV STATION DESIGN & INSTALLATION
 - 3. EV CHARGER LOCALIZATION, COMPLIANCE SERVICES

PROJECT REFERENCES

 exicom



HARMONY DIRECT
240 kW
INNOPOWER MOBILITY
STATION, BANGKOK



HARMONY DIRECT
120 kW
EGAT LEARNING CENTER
BANGKOK



HARMONY DIRECT
120 kW
KRUNGTHAI BANK HQ
BANGKOK

 wallbox



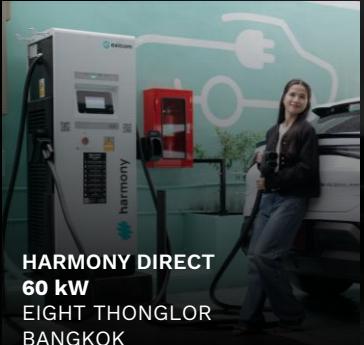
COMMANDER 2
FULLERTON SUKHUMVIT



PULSAR PRO
CHIANG RAI



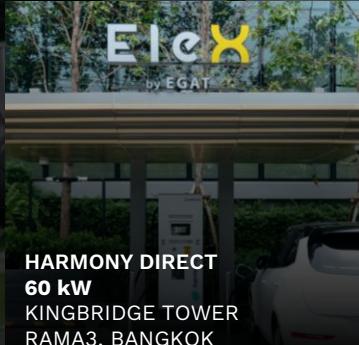
PULSAR PRO
GOVERNMENT
SAVING BANK



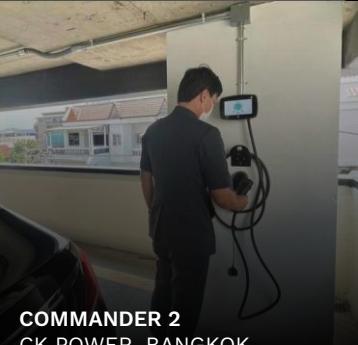
HARMONY DIRECT
60 kW
EIGHT THONGLOR
BANGKOK



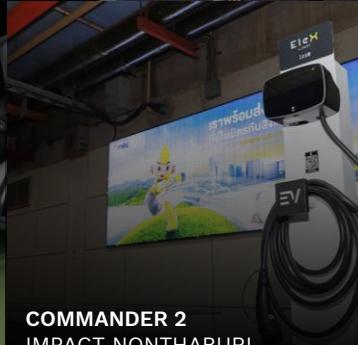
HARMONY DIRECT
120 kW
UNITY CONCORD
INTERNATIONAL SCHOOL,
CHIANGMAI



HARMONY DIRECT
60 kW
KINGBRIDGE TOWER
RAMA3, BANGKOK



COMMANDER 2
CK POWER, BANGKOK

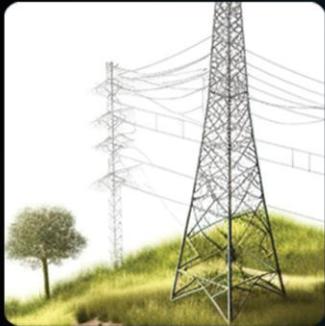


COMMANDER 2
IMPACT NONTHABURI



COMMANDER 2 BANGKOK
GLASS COMPANY

TRANSMISSION SYSTEM INSPECTION



3D
MODELLING



CORONA
INSPECTION



AI
CLASSIFICATION



THERMAL
SCAN



AUTONOMOUS
FLIGHT

UAV SERVICE FOR INSPECTIONS



- LIDAR SCAN
- THERMAL CAMERA
- DISTANCE SENSOR
- 4K CAMERA
- UT PAYLOAD PROBE
- CLEANING MODULE PROBE

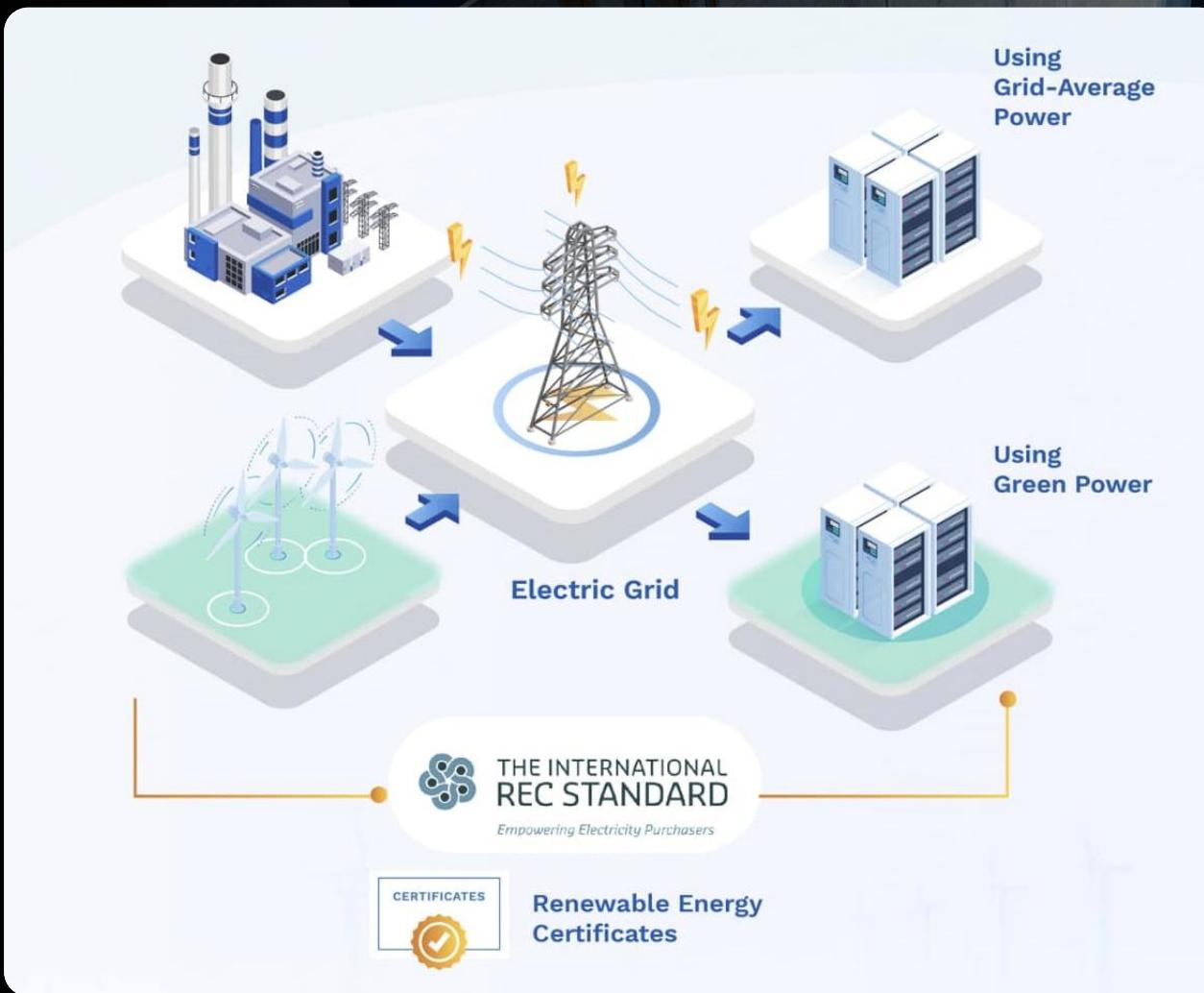




3) EMISSION REDUCTION

OFFSETTING SOLUTIONS

RENEWABLE ENERGY CERTIFICATE (REC)



RECs AS AN OFFSETTING SOLUTION

A rec (renewable energy certificate) is a type of energy attribute certificate (eac) that represents the environmental attributes of the generation of a one-megawatt hour (mwh) of energy produced by renewable sources.

BENEFIT OF REC

Reduce the impact of energy use, or Scope 2

Meet company sustainability goals and international reporting standard such as RE100, CDP, SBTi, LEED



OUR REC SOURCES



HYDRO ENERGY



SOLAR ENERGY



WIND ENERGY BIOMASS ENERGY



WE BECOMES THE LARGEST REC PROVIDER IN THAILAND

 SIAM NISTRANS CO., LTD.
NISSIN CORPORATION



Western Digital

>5M
RECs
SOLD

>2.5M
TON CO2
REDUCTION

150+
ACTIVE
CLIENTS

CARBON CREDITS TRADING SERVICES: A SHORTCUT TO NET ZERO

supporting corporate clients in achieving their Carbon Neutrality goals : By leveraging verified carbon credit : the project delivers measurable, verifiable emissions reductions through activities across different types of projects such as alternative energy, energy efficiency, and forest-based carbon sequestration.



Gold Standard®

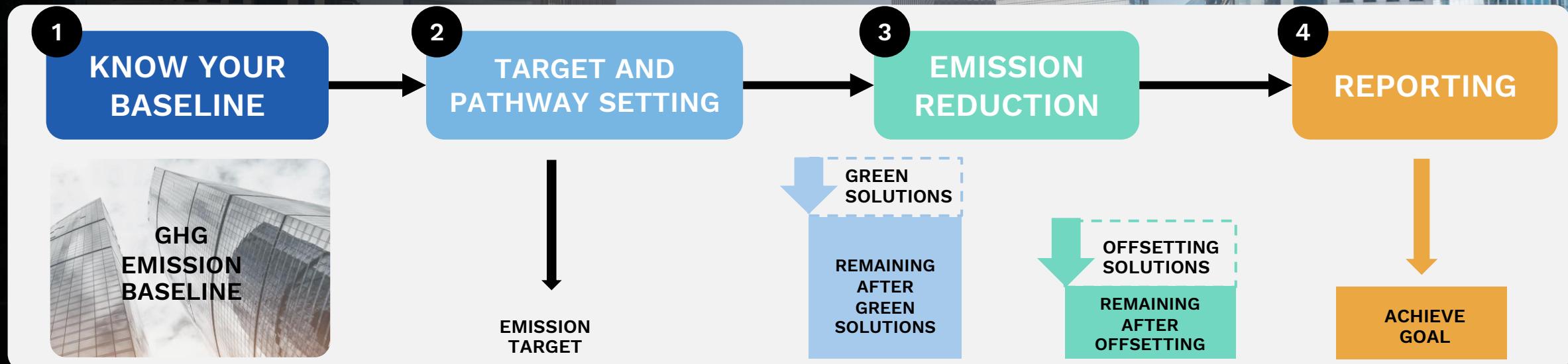


Standards for a Sustainable Future



INNOPOWER AS A DECARBONIZATION PARTNER

MISSION : STANDING SIDE BY SIDE WITH CUSTOMER FOR DECARBONIZATION ACHIEVEMENT



LET'S ACHIEVE
YOUR NET ZERO GOAL
TOGETHER.

INNOPOWER

