



COMPANY PROFILE

PT Investasi Hijau Selaras (HIJAU)

Green Technology Without Worry



ISO 9001:2015 | ISO 4500:2018

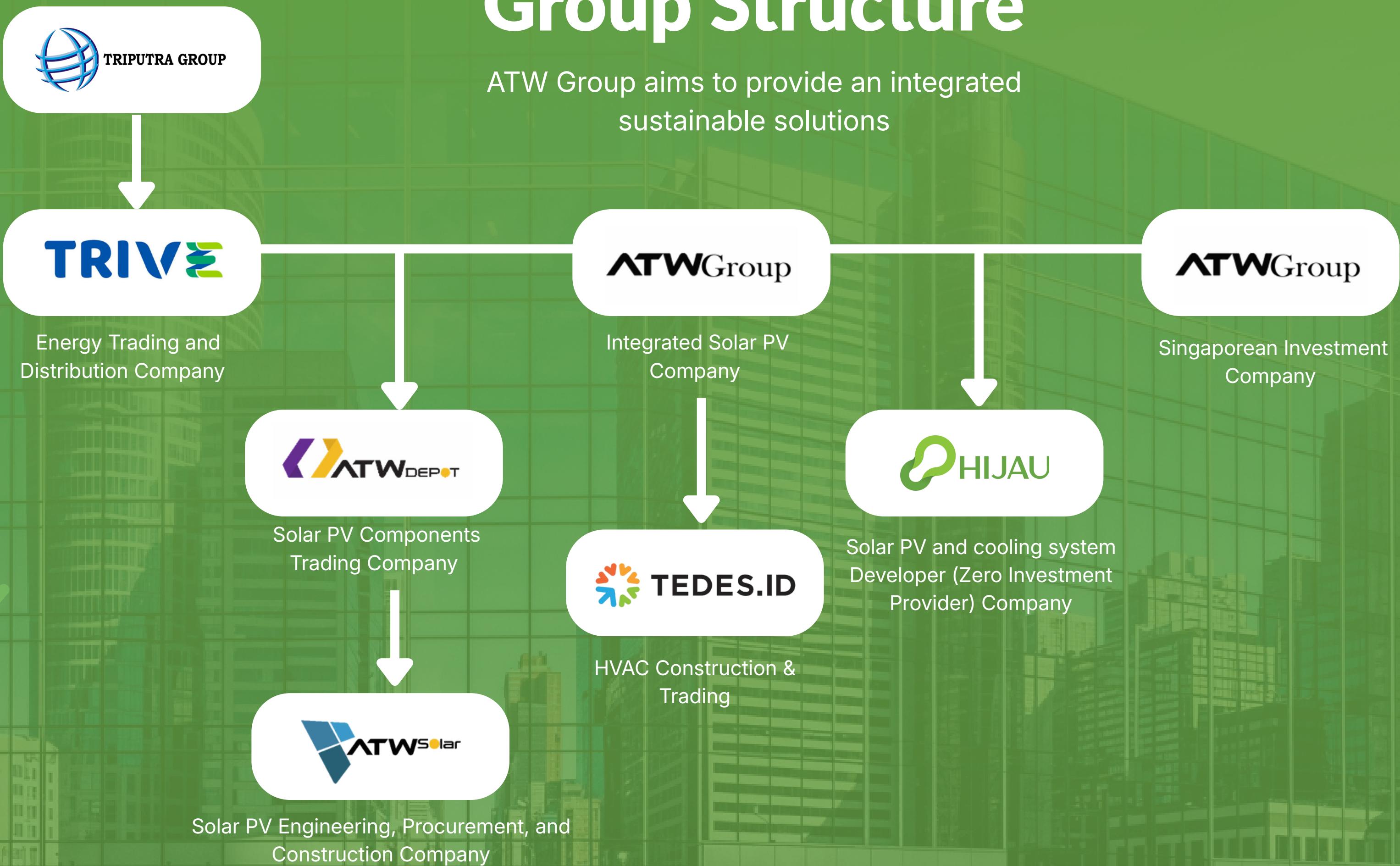


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Group Structure

ATW Group aims to provide an integrated sustainable solutions



Company Milestone

HIJAU envisions energy independence for everyone by the power of the sun.

Setting Up
(2017)



Partnership
(2019-2020)



1. ATW Group officially launched its business.
2. Secured a distributorship for REC*.
3. Formed partnerships with SMK Ma'arif (Djarum Foundation), Politeknik Jember, and Prasetya Mulya University

1. ATW Group entered the EPC market under ATW Solar
2. Market growth surged following regulatory improvements (MoEMR 13/2019)
3. Established a JV partnership with Shizen Energy, a global developer.
4. HIJAU was designated as the local co-developer.

Launched full-fledged operations with a 15 MWp installation under the JV

First Operation
(2023)



Company Milestone

Moving forward, HIJAU intend to take part in developing sustainable infrastructure through Cooling-as-a-Service business

1. HIJAU secured its initial round of funding from SEACEF II
2. The company has 4.3 MWp in operation, 12 MWp in development, and a 185.4 MWp pipeline under its independent management.



Seed Capital
(2024)

Engaged in funding partnerships within the rental business with prominent industry players, Launched Cooling-as-a-Service product.

Intends to achieve 70 MWp of solar photovoltaic capacity installation, secured debt funding from SMI and expansion of business lines, including the pilot operation of CaaS

Continue Expanding
(2025)

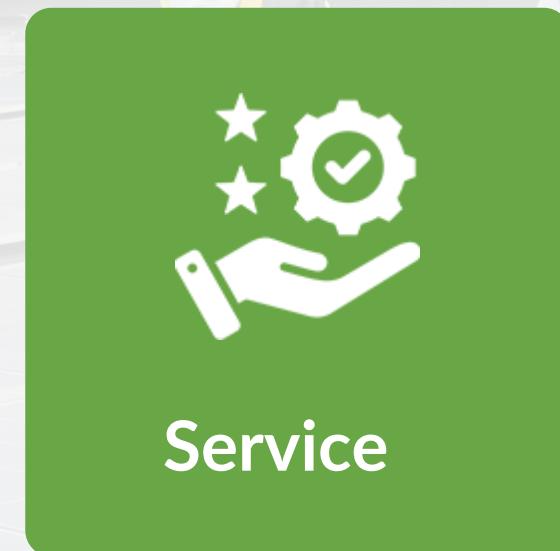


Target
(2025)



HIJAU Provides *Green Technology Without Worry*

HIJAU delivers cooling solutions for commercial-industrial use, with priority for

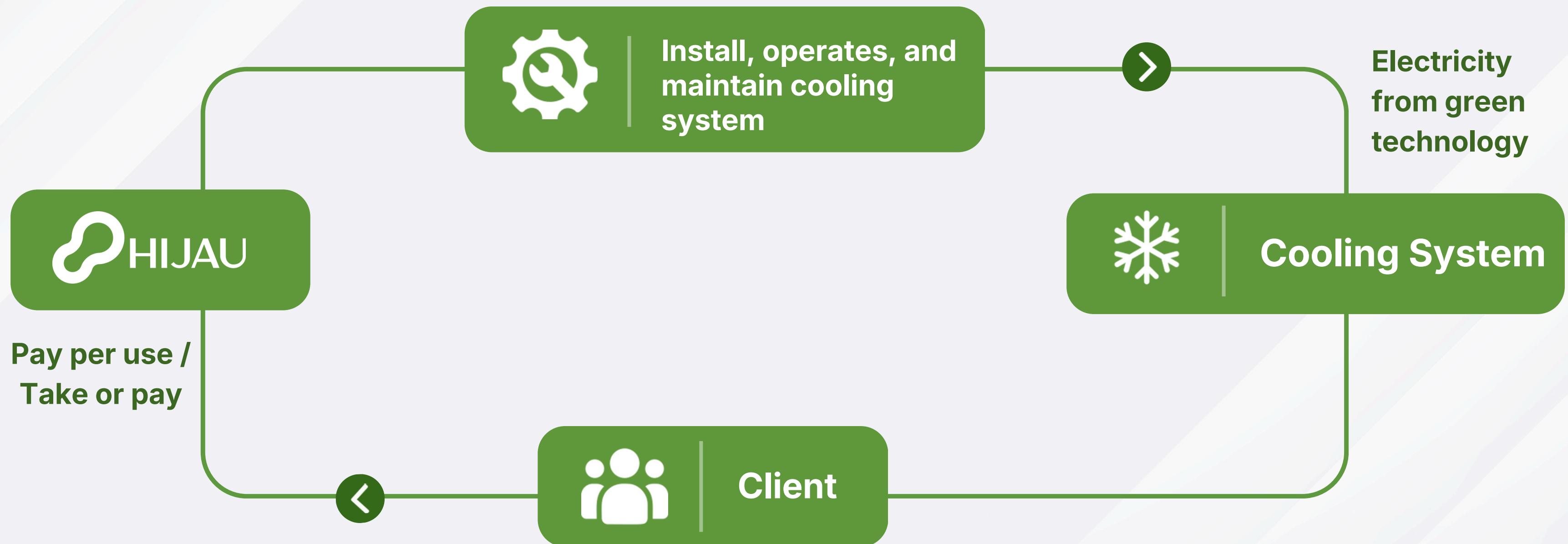


with **zero investment** scheme.



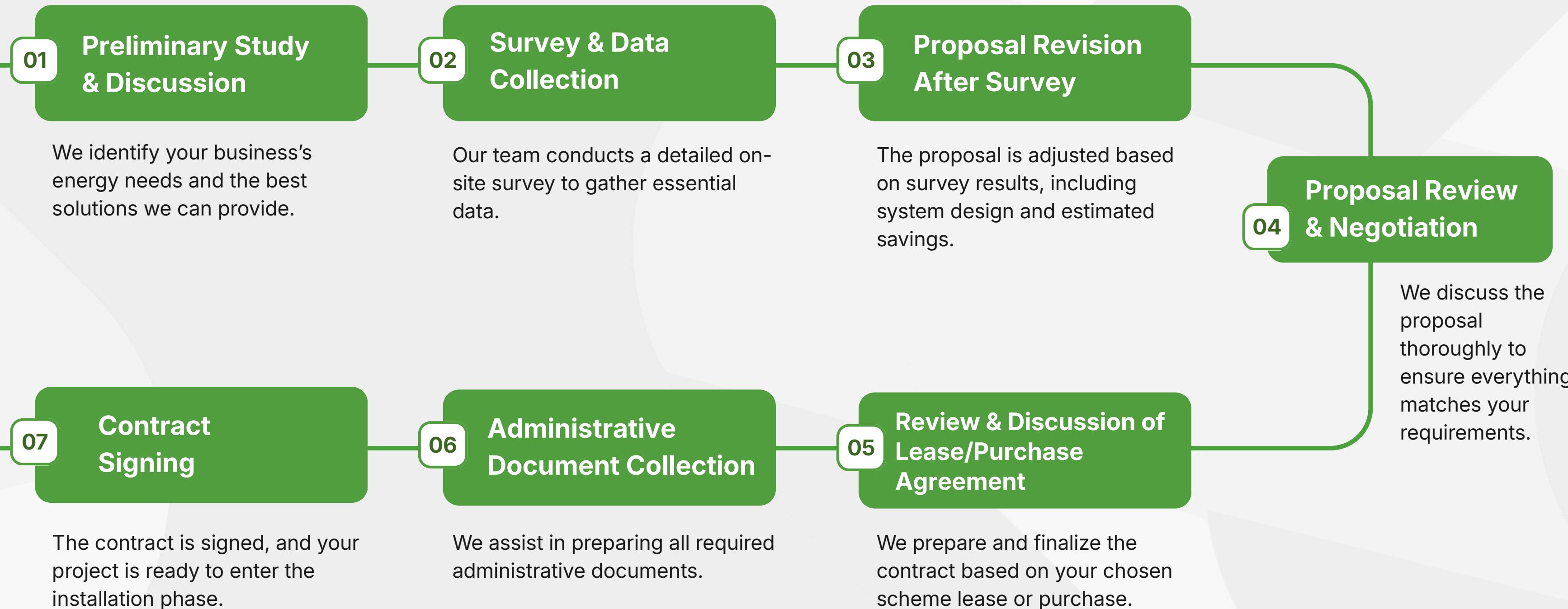
How HIJAU Works :

Compte Solution With Zero Investment

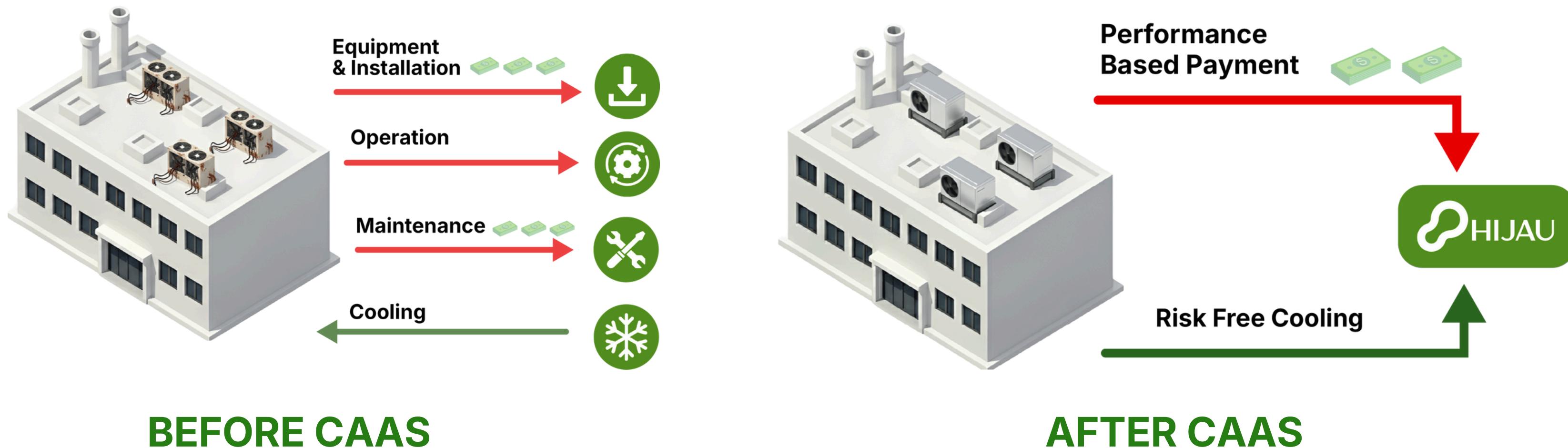


Service Process :

Our Service Process: Efficient and Transparent

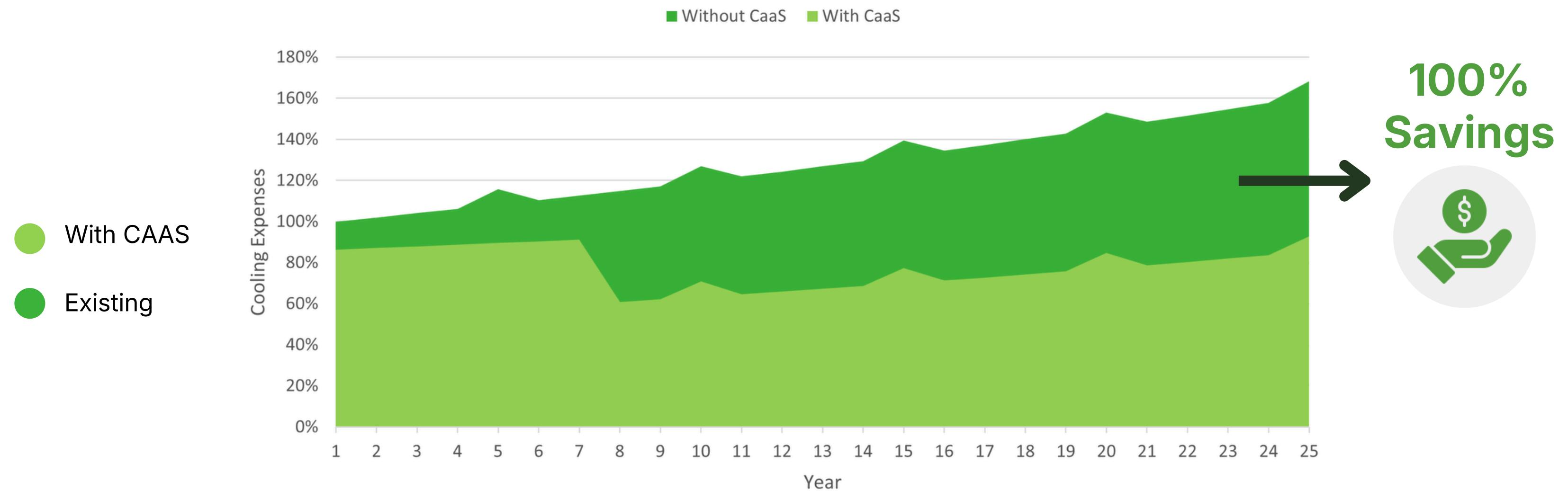


How cooling as a service work



CAAS Advantage:

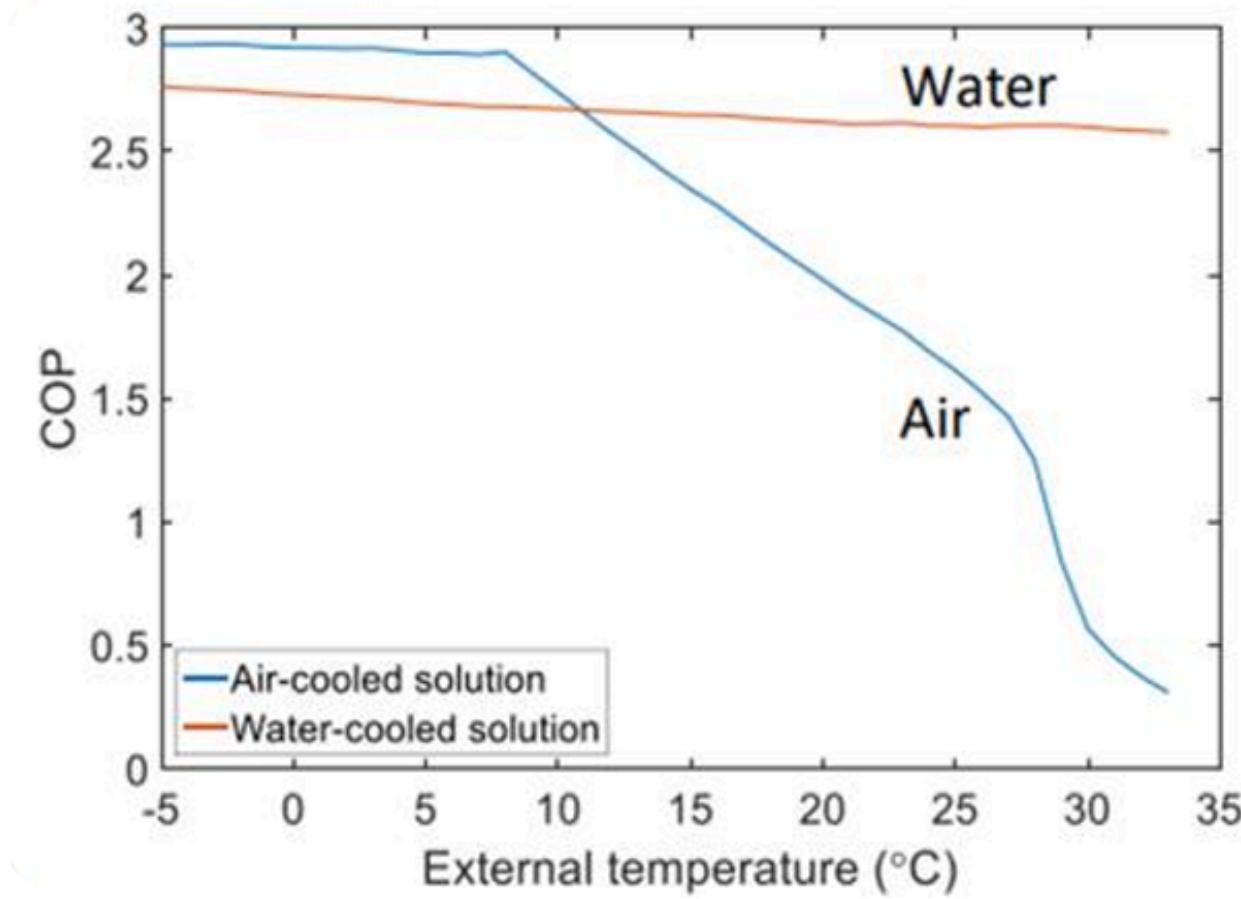
From Efficiency to 100% Ownership Savings



Chiller Technology

Modern chiller technology are more efficient due to his improve heat exchanger design, variable speed drive (VSD), and low GWP refrigerant.

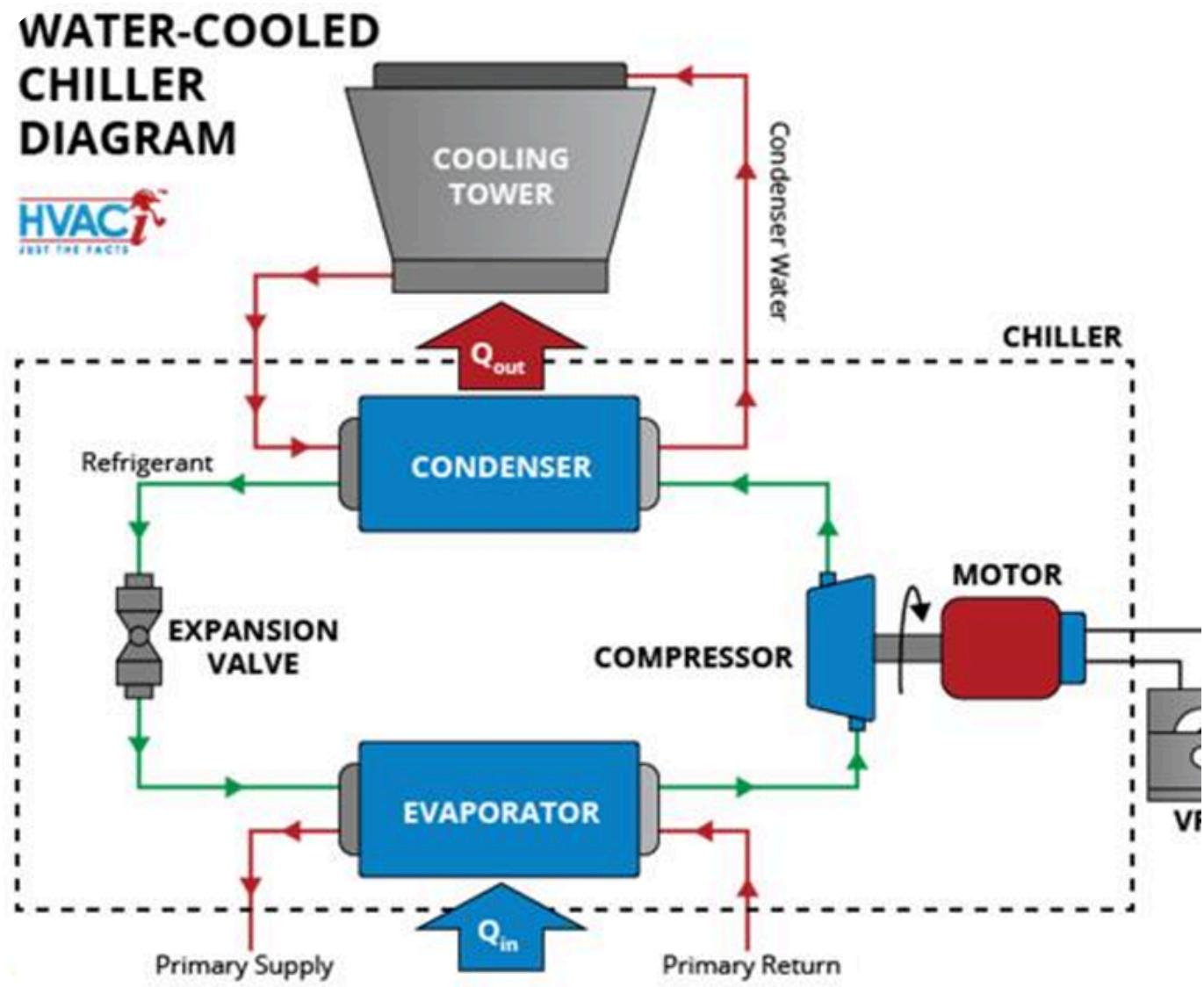
COP Variation at different Load Conditions Old vs Modern Chillers



The key features in the latest chiller technology are as follows:

- Implementation of **improved heat exchanger design** leads to higher heat transfer efficiency, extended equipment lifespan, and lower maintenance requirement.
- **Variable-speed drive (VSD)** technology significantly enhances COP of chillers compared to constant-speed models.
- Adaptation of **low Global Warming Potential (GWP)** refrigerants enable enhanced energy efficiency and carbon emission reduction.

Water-Cooled Chiller



A continuous cooling cycle repeats the following steps:

- Cooling Demand Initiation
- Heat Absorption in the Evaporator
- Compression and Heat Transfer
- Heat Rejection in the Cooling Tower
- Refrigerant Expansion and Recirculation

Cooling as a Service Portfolio

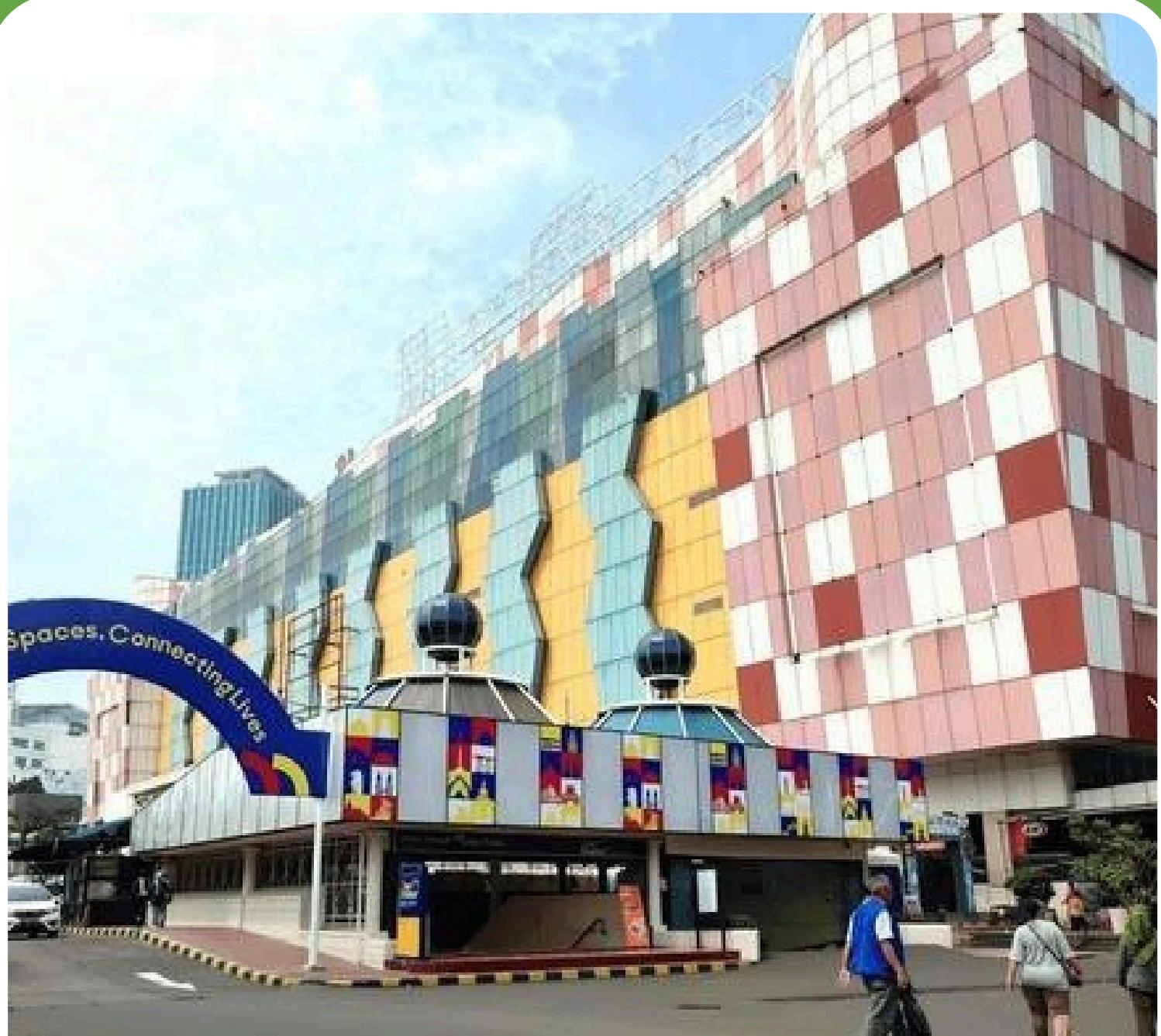


Tangerang

Passive and Active Cooling for Specialty Coffee Roastery

HIJAU supports the development of a premium specialty coffee roastery by delivering a complete cooling solution. Challenges : for its new processing facility and office. Our scope Adheres to strict HSE standards and operate machines that are highly sensitive to electrical quality and require uninterrupted power supply. includes building insulation, ventilation, and high efficiency cooling systems under the Cooling-as-a Service (CaaS) model

Cooling as a Service Portfolio



JAKARTA

CHILLER SOLUTION FOR A MALL IN SOUTH JAKARTA

In Partnership with Johnson Controls Indonesia, HIJAU offers a Cooling as a Service (CaaS) solution through the replacement of an existing chiller with a high-performance unit of 2.000 TR capacity, ensuring optimal efficiency and long-term reliability

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Operational Excellence :



Control Your Cooling Risks

With **HIJAU**, your cooling system will deliver maximum performance with **minimal energy consumption** and **operational risks**.



Service

Operation

Operating with maximum utilities



Maintenance

Periodical maintenance with transparent report.



Safety Excellence :



Ensuring Protection for All Stakeholders

We prioritize the safety, security, and satisfaction of all stakeholders by incorporating the following measures



Reliability



Longterm Guarantee



Insurance



High Standard

We stand by the performance of our cooling systems, guaranteeing their reliability. If our systems fall short of the promised performance, we take full responsibility, even compensating our clients if necessary.

We are safeguarding all of our cooling assets with an all-risk insurance, ensuring reliability and peace of mind for all stakeholders.

We aim for high standards, including SNI and ASHRAE, to ensure that all design, installation, and operational processes comply with recognized national and international benchmarks.

Monitoring Excellence:



Fault Early Detection and Breakdown Prevention

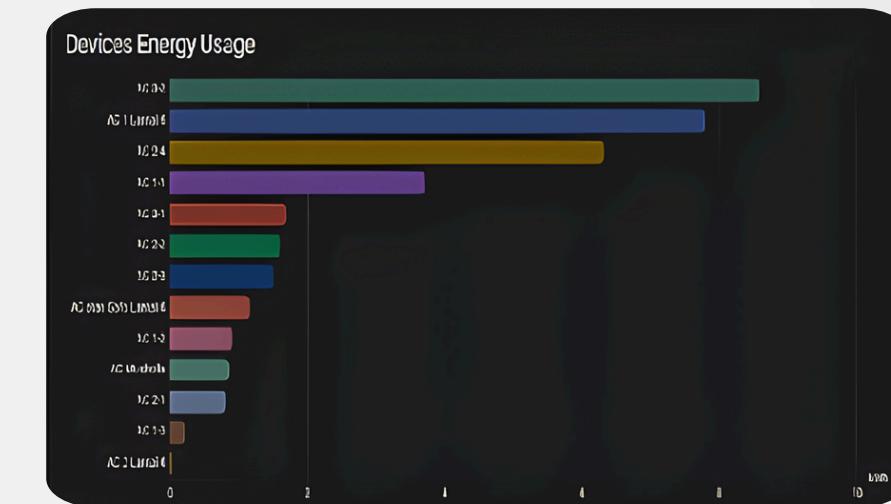
Our system **adheres to application on your room and gadget.**



Transparency



Knowing more about your comfortable rooms



Know the energy usage of your cooling units



Learn the performance pattern of your cooling units We ensure precise

CaaS Study Case:



Cooling system installation at at TCC Coffee Roastery

Overview :

Cooling system installation at TCC Coffee Roastery using a combination of VRF and AC Split unit

Challenges :

The installation areas are separated (office, dormitory, and security post) with significant distance between them.

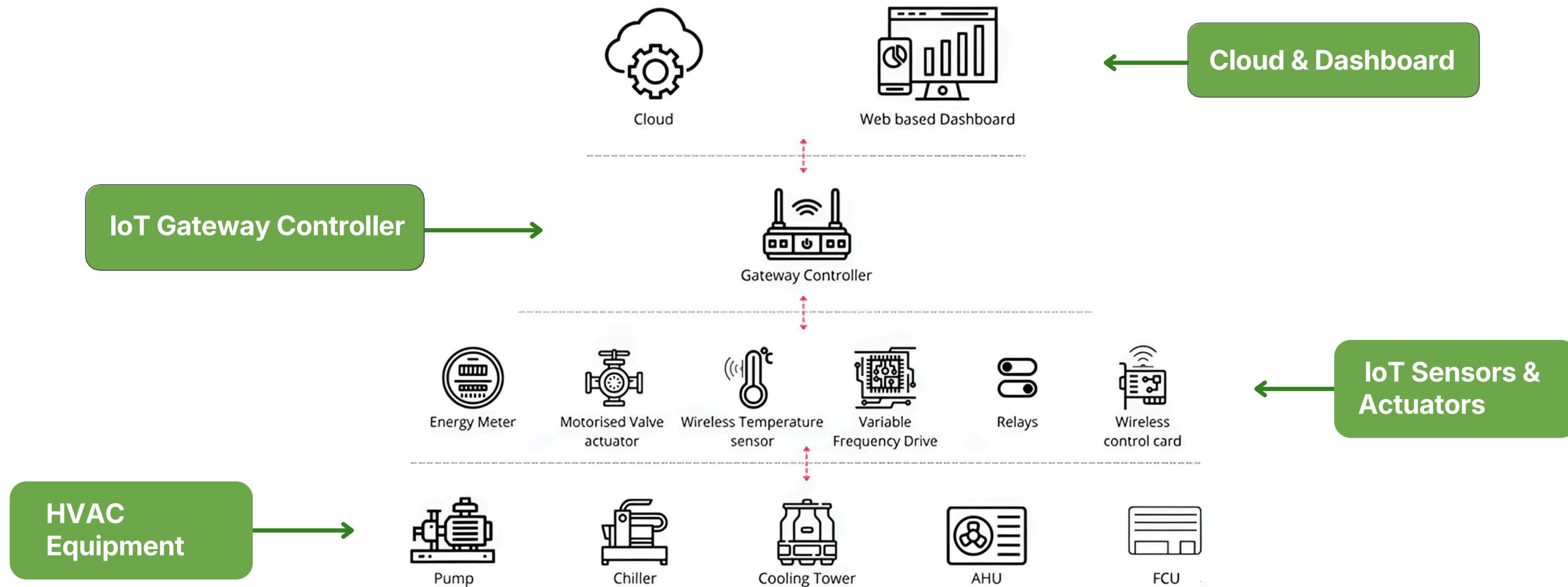
Solutions :

VRF is installed for the office, while AC Split units serve the other areas to provide a more flexible and cost-efficient cooling setup tailored to distance and operational needs

Total 3,490 kWp Solar PV

IoT-integrated system

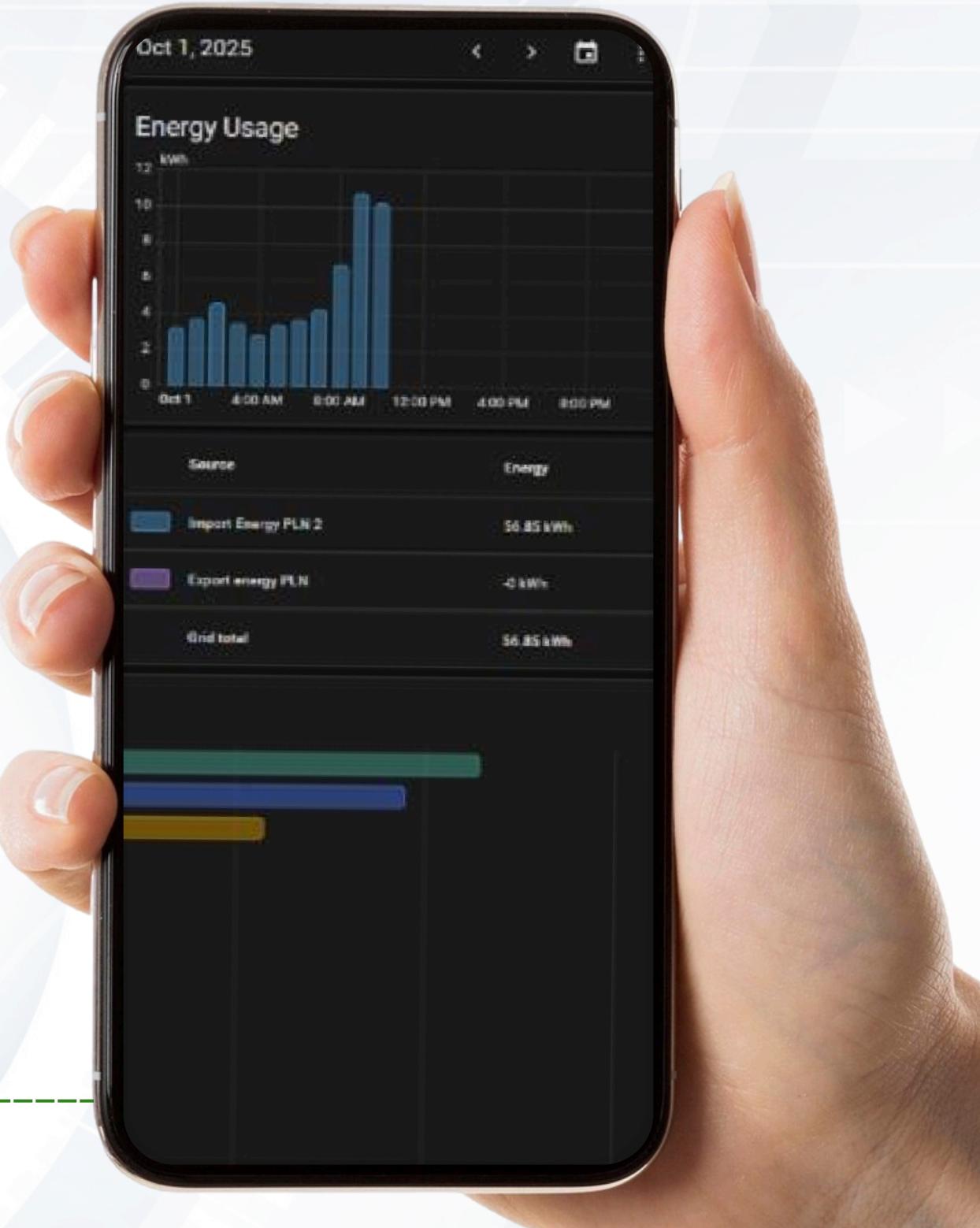
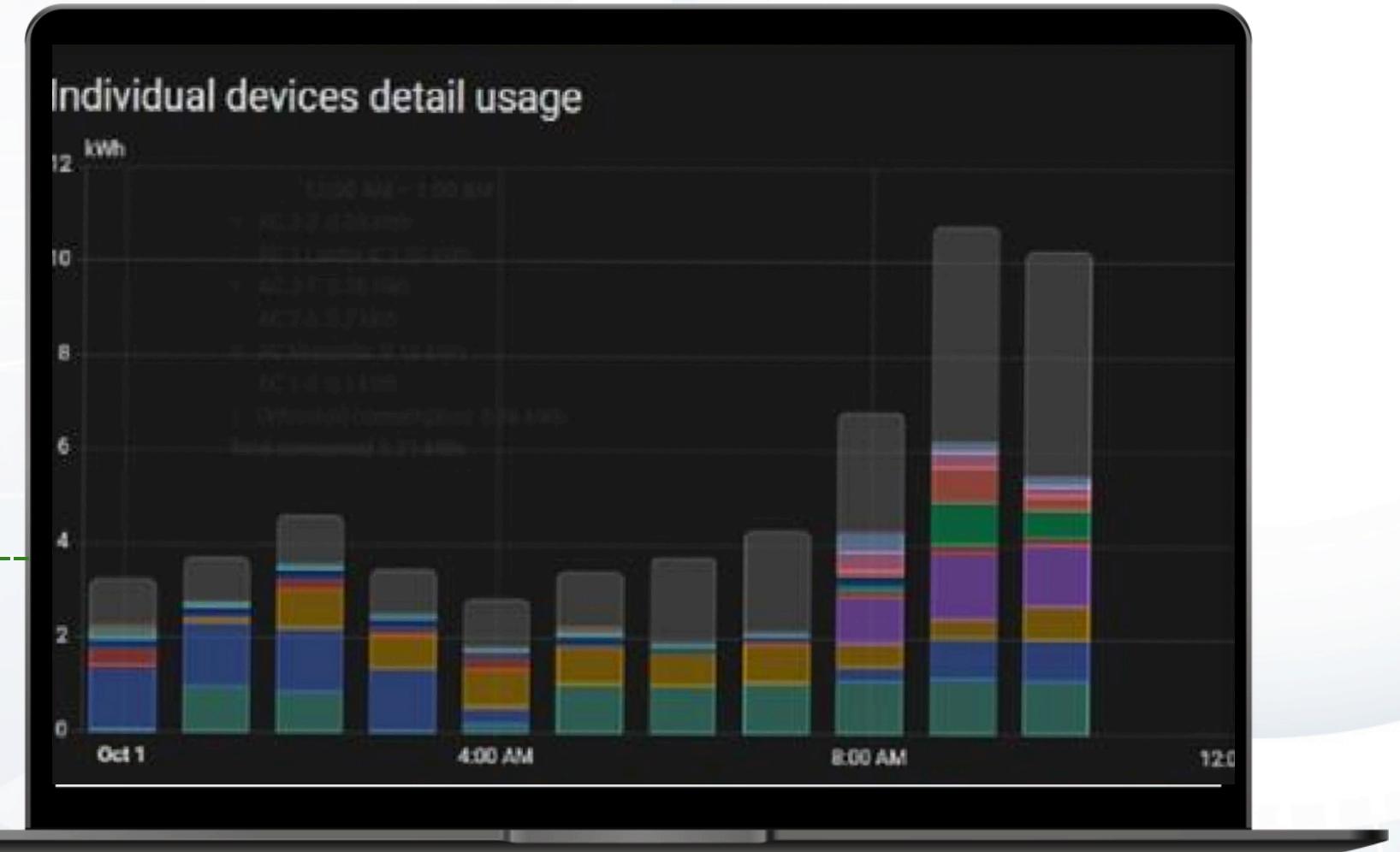
An AI-driven IoT monitoring system will be implemented for real-time performance tracking, predictive maintenance, and intelligent optimization.



Smart sensors collect and transmit data to a cloud-based platform, where AI continuously **analyzes system performance, predicts potential failures, and detects anomalies** before disruptions occur. This **AI-integrated IoT** system improves operational efficiency, extends equipment lifespan, and reduces energy consumption.



We ensure precise and **real-time** data on temperature, flow, and energy usage. This monitoring can be accessed from your **website and mobile app**.





Antonius Weno | **Founder/President Commissioner**

More than 25 years experience in business operations, financial management, and risk management across various industries, including banking and real sectors. Held positions as President Commissioner of PT Buana Finance Tbk, VP Business Development of Mizuho Bank, Director of Astra Sedaya Finance, Director of Atlas Resources, and CEO of Yarra Group.

Universitas Wijayakusuma, BSc in Economics



John Colombo | **Country Manager, Clime Capital Management**

More than 14 years of professional experience in the fields of renewable energy and mobility sectors. Held positions as Country Director for Asia Power Development Platform (APDP) and Head of Public Policy and Government Affairs for Uber.

University of Minnesota, BSc in Economics



Victor Samuel

President Director

More than 10 years experience in business development and sales leadership in the solar PV industry, securing major deals and leading operations across various markets. Demonstrated success in securing significant deals, driving technical and commercial negotiations, and leading strategic partnerships with global companies. Held positions as Country Director for Indonesia and Vietnam, REC Singapore

KTH Stockholm, TU Eindhoven, MSc in Sustainable Energy; ITB, BSc in Engineering Physics



Thio Ariyanto

Operational Director

More than 8 years experience in solar sales, engineering, and project management. Proven experience in leading large-scale projects, feasibility studies, and asset management. Held position as senior sales and project manager in Syntek Solar.

TU Delft, MSc in Sustainable Energy; ITB, BSc in Engineering Physics

Contact Us

-  +62 811 1006 6980
-  PT Investasi Hijau Selaras
-  marketing@hijau.co.id
-  www.hijau.co.id





Thank You

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