

Sustainability *Review*

2025



Environmental

Electricity consumption : Head Office

Q'2-Q'4 2025

Electricity consumption (Apr-Dec)

2024 : 13,036.00 Unit

2025 : 11,688.00 Unit

A decrease of 1,142.00 Unit (11.31%)

Reduce CO₂ emissions

570.89 kgCO₂e

EF 0.4999 kgCO₂e/kWh
 Thai National LCI Database, TIISMTEC-NSTDA, AR5
 (with TGO electricity 2016-2018)

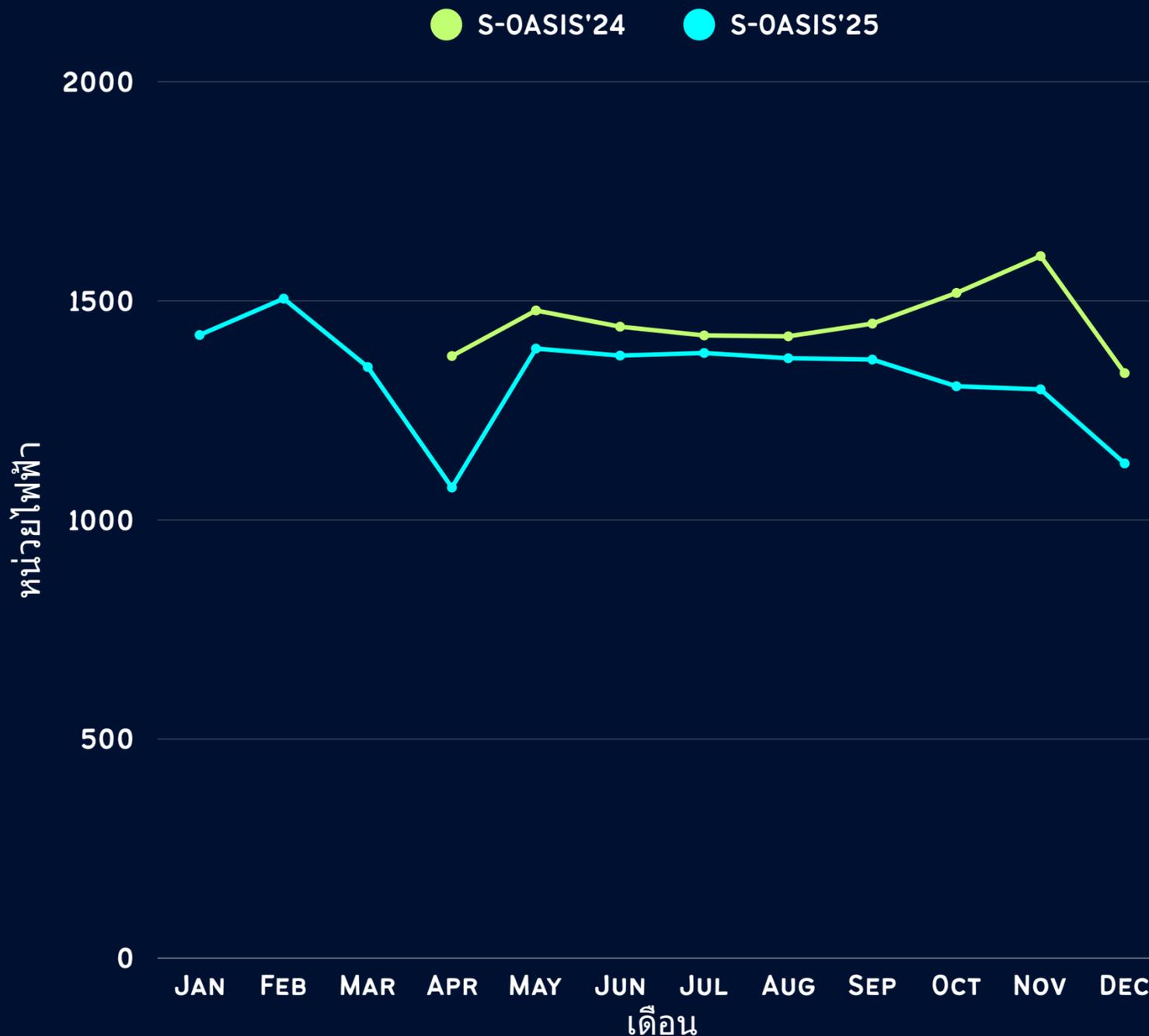
Equivalent to planting 26 trees per year

*A tree absorbs approximately 22 kg of CO₂ per year.
 Source: USDA / Arbor Day Foundation.

Target:

Reduce electricity consumption at the headquarters by 5% (compared to the 2025 baseline).

	2024	2025	พาดำง
Jan		1,422.00	
Feb		1,505.00	
Mar		1,349.00	
Apr	1,374.00	1,074.00	300.00
May	1,478.00	1,391.00	87.00
Jun	1,441.00	1,375.00	66.00
Jul	1,421.00	1,381.00	40.00
Aug	1,419.00	1,369.00	50.00
Sep	1,448.00	1,366.00	82.00
Oct	1,518.00	1,305.00	213.00
Nov	1,602.00	1,298.00	304.00
Dec	1,335.00	1,129.00	206.00
		รวมพาดำง	1,142.00
	13,036.00	11,688.00	11.31%



Sustainable Materials

Achieve 80% sustainable materials usage by 2030

Eco-Efficient

Doing more with fewer resources while being environmentally friendly.



Steel



Concrete/Cement Adhesive



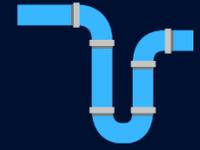
Foundation Piles



AAC Blocks



Electrical Systems



Plumbing and Sanitary

Energy-Efficient

Using less energy while delivering the same or better performance.



Paint



Roofing



Ceiling



Stairs and Railings



Lighting System



Elevator

Wellbeing

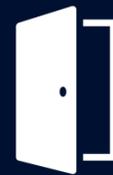
An environment that supports the physical and mental health of occupants.



Sanitary Ware



Aluminum Doors & Windows



Doors and Hardware



Tiles



Flooring



Kitchen Cabinet

Durability Materials

Long-lasting materials that reduce the need for resource replacement.



Air Conditioning



Active Air Quality



Alarm System



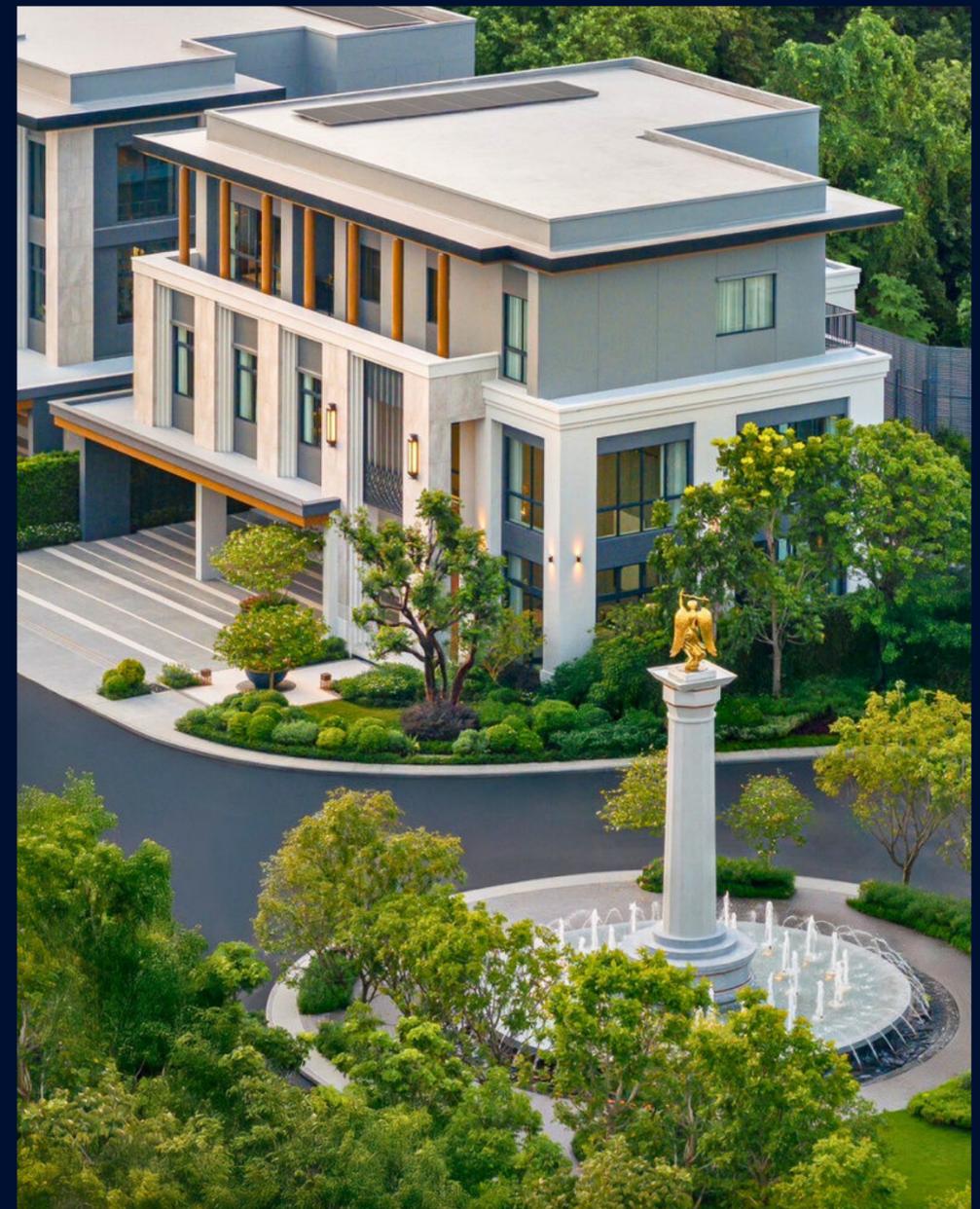
Solar Rooftop

63.63%

Sustainable Materials

14/22

Sustainable Materials



The CINQUIEME project has completed the installation of a 31.89 kWp Solar Rooftop system.*
 The system is expected to generate 47,835 kWh of electricity per year, which can reduce 19,086 kgCO₂ of greenhouse gas emissions annually*.
 This is equivalent to the carbon absorption of approximately 868 trees per year**.
 An additional 23.20 kWp installation is scheduled for Q1 2026, with another 41.76 kWp planned in line with the CINQUIEME housing construction plan.

* Installed at two CINQUIEME show houses and the CH building
 ** Electricity generation calculated using an optimistic assumption (1,500 kWh/kWp/year)
 *** Based on Thailand's Emission Factor (EPPO 2024): 0.399 kgCO₂/kWh
 **** One tree absorbs approximately 22 kgCO₂ per year (USDA / Arbor Day Foundation)

Sustainable Materials



EV Charger

A 22 kW EV charger is provided as a standard feature in every CINQUIEME home. Electric vehicles emit 40–60% less greenhouse gases than internal combustion engine (ICE) vehicles.

Based on an average EV usage of 15,000 km per vehicle per year, this is equivalent to planting approximately 53–58 trees per vehicle annually.



Air Conditioner Inverter type

- Mitsubishi Mr.Slim
- Equipped with a 100% inverter system, certified with Thailand Energy Label No.5 and No.5-1 Star for high energy efficiency.



Air Tightness Performance by TOSTEM

- Aluminum doors and windows (WE70, WE Plus, and ATIS series) by TOSTEM are designed with Air Tightness technology to prevent air leakage.
- This ensures a tighter seal and enhanced protection for the interior environment.
- The aluminum doors are fitted with 3+3 mm laminated safety glass, which helps reduce external noise and improves indoor comfort.



Q-CON ALC Block 10 cm. – G2 Grade

- Provides 4–8 times better thermal insulation than traditional clay bricks.
- Can reduce air-conditioning electricity costs by up to 30% compared with clay bricks.
- Offers 2–4 times better fire resistance than traditional clay bricks.



Ultra-Premium Paint Exterior & Interior

- High-grade interior and exterior wall paint with durability of 15+ years.
- Provides protection against mold and algae growth.
- Interior Paint – Air Care Series
 - Helps eliminate 99.99% of coronavirus and influenza viruses on the paint film, as well as RSV and Hand-Foot-Mouth Disease viruses.
 - Zero VOCs formulation with no odor during application, allowing occupancy immediately after painting.
 - Certified with GREENGUARD GOLD, ensuring low chemical emissions and improved indoor air quality.



Active Air Quality System by SCG

- The system introduces fresh air into the house and creates positive air pressure, pushing stale air out through small gaps in the building. This helps prevent outdoor pollutants from entering the home.
- Equipped with a 5-layer filtration system with HEPA H13 filter, capable of removing up to 99.95% of dust and airborne particles.
- Operates automatically with sensors for optimal air quality control.



GESSI

- LEED Factory
- Flow 4 liter/Min (TIS. 9liter/min)
- Durability Materials (SUS, AI)

TOTO

- Water Use 4.5/3 liter
- CEFIONTECT Technology: super smooth, ion barrier glazing for a clean toilet bowl



Food Grade Kitchen – HanStone Quartz

- Cabinet doors and structure are made from MDF HMR (High Moisture Resistance) with E1 standard, offering enhanced moisture resistance and low formaldehyde emissions.
- HanStone Quartz countertop Imported from South Korea
 - Scratch-resistant with hardness level 7
 - Low porosity, helping reduce bacterial accumulation
 - Highly color-stable surface that resists discoloration
 - The manufacturing facility is certified by GREENGUARD



FLAC ROOF

Made in Germany
Certified with EPD (Environmental Product Declaration) environmental standard.

- Lightweight
- 100% waterproof
- Noise-reducing performance
- Long service life of up to 40 years*

ENVIRONMENT

Dog Houses from Recycled Construction Materials



ENVIRONMENT

Waste Management at the CINQ ROYAL Krungthep Kreetha Project



ENVIRONMENT

Construction Site Cleanliness and Dust Impact Mitigation



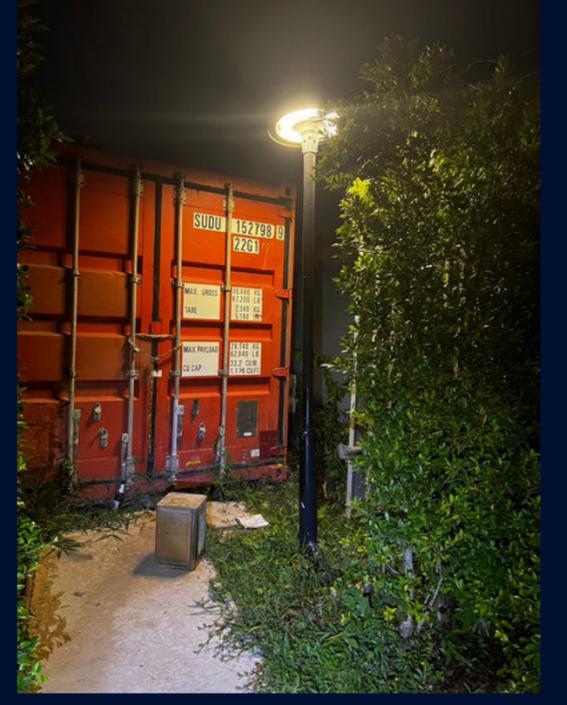
ENVIRONMENT

Installation of Dust Protection Sheets at the Construction Site



ENVIRONMENT

Solar-Powered Street Lights



SOCIAL

In collaboration with S-OASIS, old calendars are collected and donated for reuse.



SOCIAL

National Children's Day 2025



SOCIAL

A5 RUN WITH LOVE #2

Total Donation
1,283,354.-
Ticket Sales 1,111,000.-
Contribution from Nippon Paint : 172,243.-



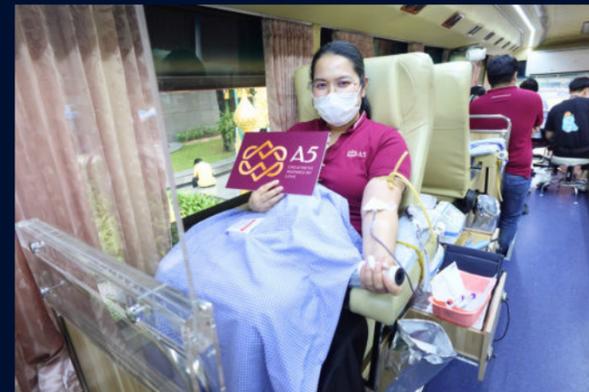
Support for Victims of the Thailand–Cambodia Border Conflict

Donation to the Thai Red Cross Society flooding in Southern Thailand.



SOCIAL

A5 Blood Donation with the Thai Red Cross Society



SOCIAL

Donation to the Special Children Welfare Center Wat Huai Moo, Ratchaburi



SOCIAL

Valentine's Day



SOCIAL

Chinese New Year



SOCIAL

Annual Company Outing – Singapore



SOCIAL

A5 Birthday



SOCIAL

ESG Training

- ESG : The Path to Sustainable Organizational Development



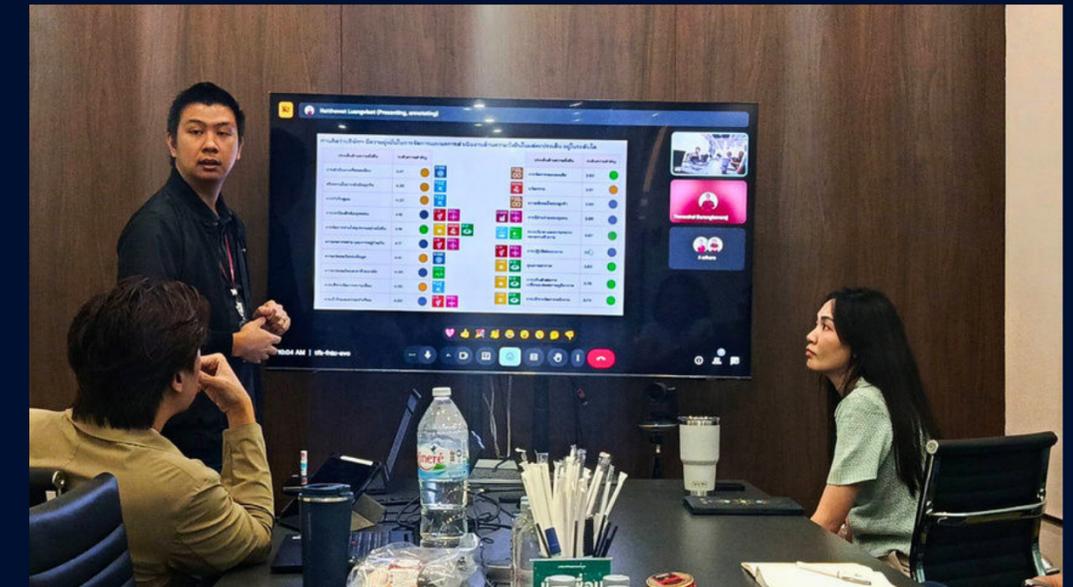
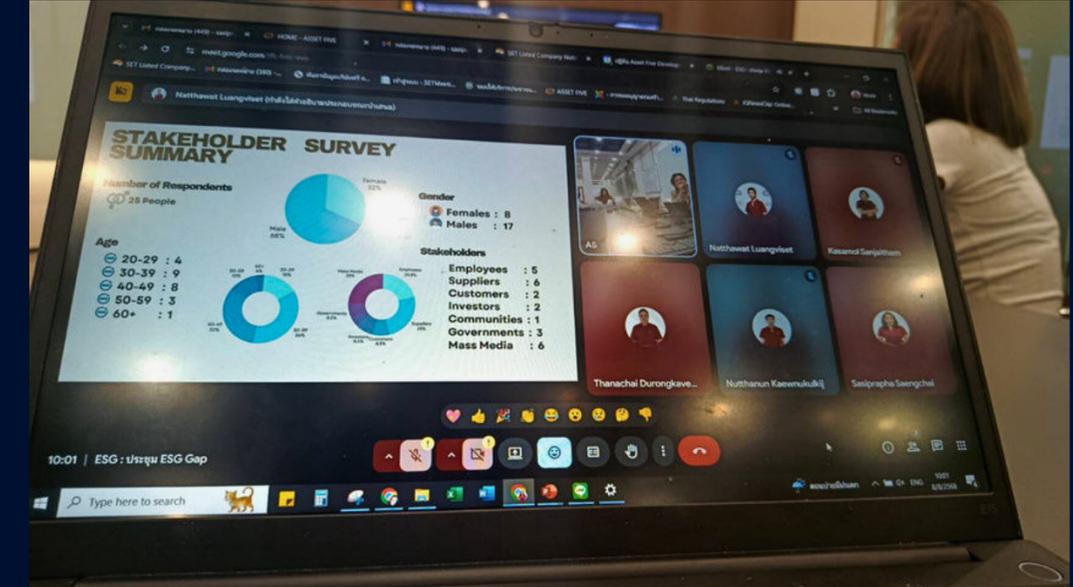
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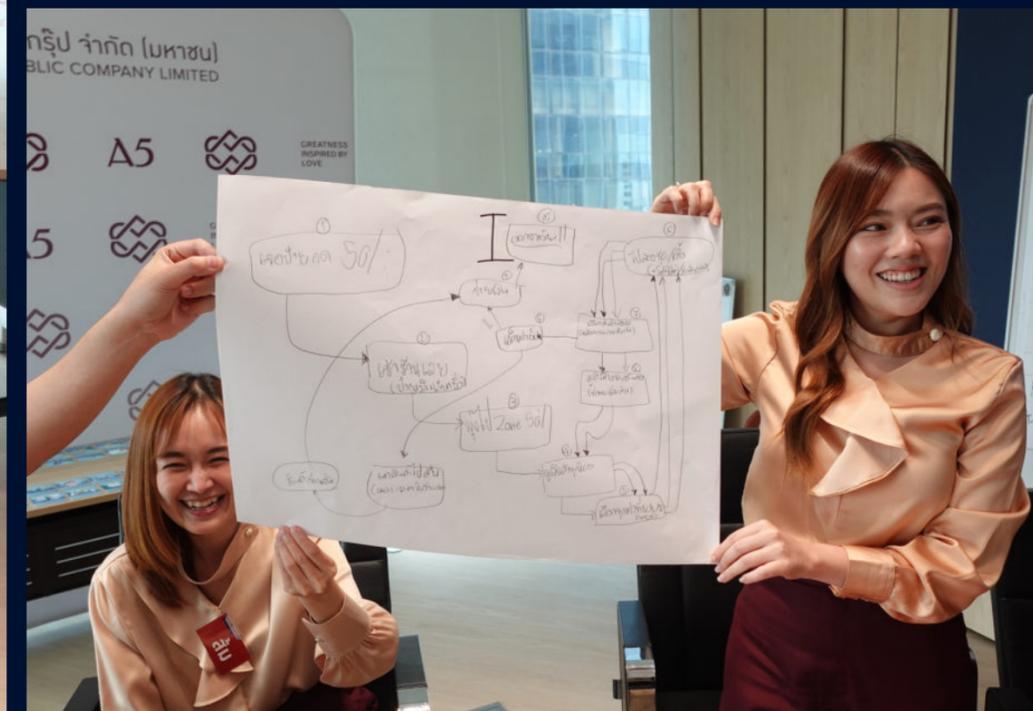
Chat People 57 Raise React View More

Wannisa	TULL	Arpa	Supaporn	Supinya	Arm
Suthawan Sukhum	Jittima JUnpong	Sasiprapha-A5	Th...	Settawoot	Wattachai
wichuda	nonphan	Tle A5	Pae A5	Thaphat.S (-Big IT)	Chomchai Foochai
Phimlada Phatthanaphon...	nutcharaya	Chitsanucha Thammasiri	TitithepC	Fame Achiraya	Tony
Soraya	Sand	NAKORN_IA	kasamol	Nithiphong	Dr.Kantaphat Thanakunjirap...
PHONGSIT	pinanong	Nott	ki...	Thanawat.T	Aunyarin

SOCIAL

Meeting ESG Member for Materiality & ESG Gap





SOCIAL

TRAINING : Planning



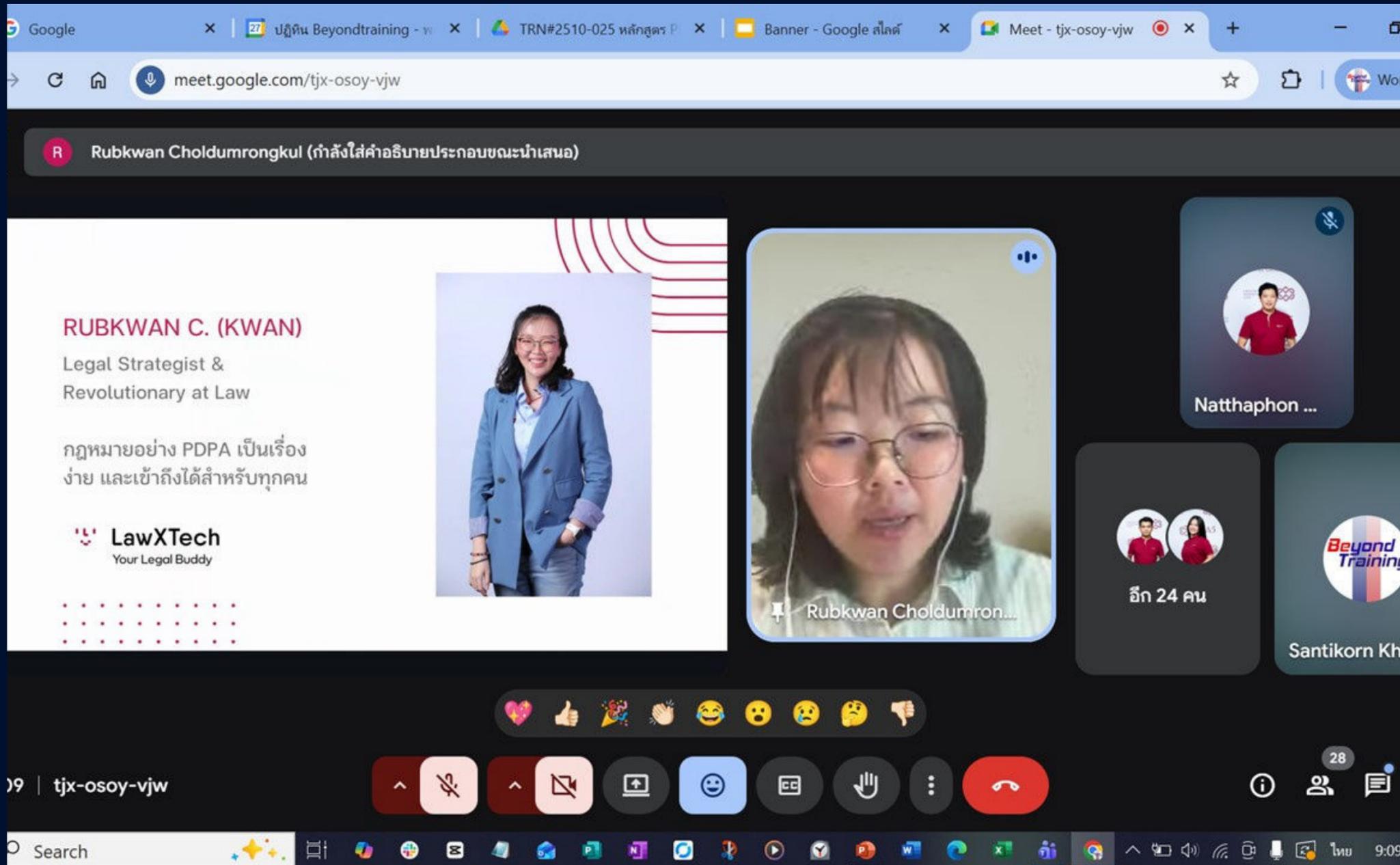
SOCIAL

Sale Training



SOCIAL

PDPA Training



Google Meet - tjx-osoy-vjw

Rubkwan Choldumrongkul (กำลังใส่คำอธิบายประกอบขณะนำเสนอ)

RUBKWAN C. (KWAN)
Legal Strategist & Revolutionary at Law

กฎหมายอย่าง PDPA เป็นเรื่องง่าย และเข้าถึงได้สำหรับทุกคน

LawXTech
Your Legal Buddy

Rubkwan Choldumron...

Natthaphon ...

อีก 24 คน

Santikorn Kha

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SOCIAL

AI Showcase



SOCIAL

NEW YEAR PARTY





GOVERNANCE

PROPERTY GURU THAILAND Property Awards



- Best Ultra Luxury Housing Development (Bangkok)
- Best Housing Development (Thailand)
- Rising Star Award

GOVERNANCE

CINQ ROYAL Krungthep Kreetha Resident Appreciation Party



Timeless Gratitude: A Private Celebration with Our A5 Family

GOVERNANCE

A5 Site Walk



GOVERNANCE

Building Inspection for Residents Following the Earthquake



VANA
RESIDENCE

CINQ ROYAL
RESIDENCE

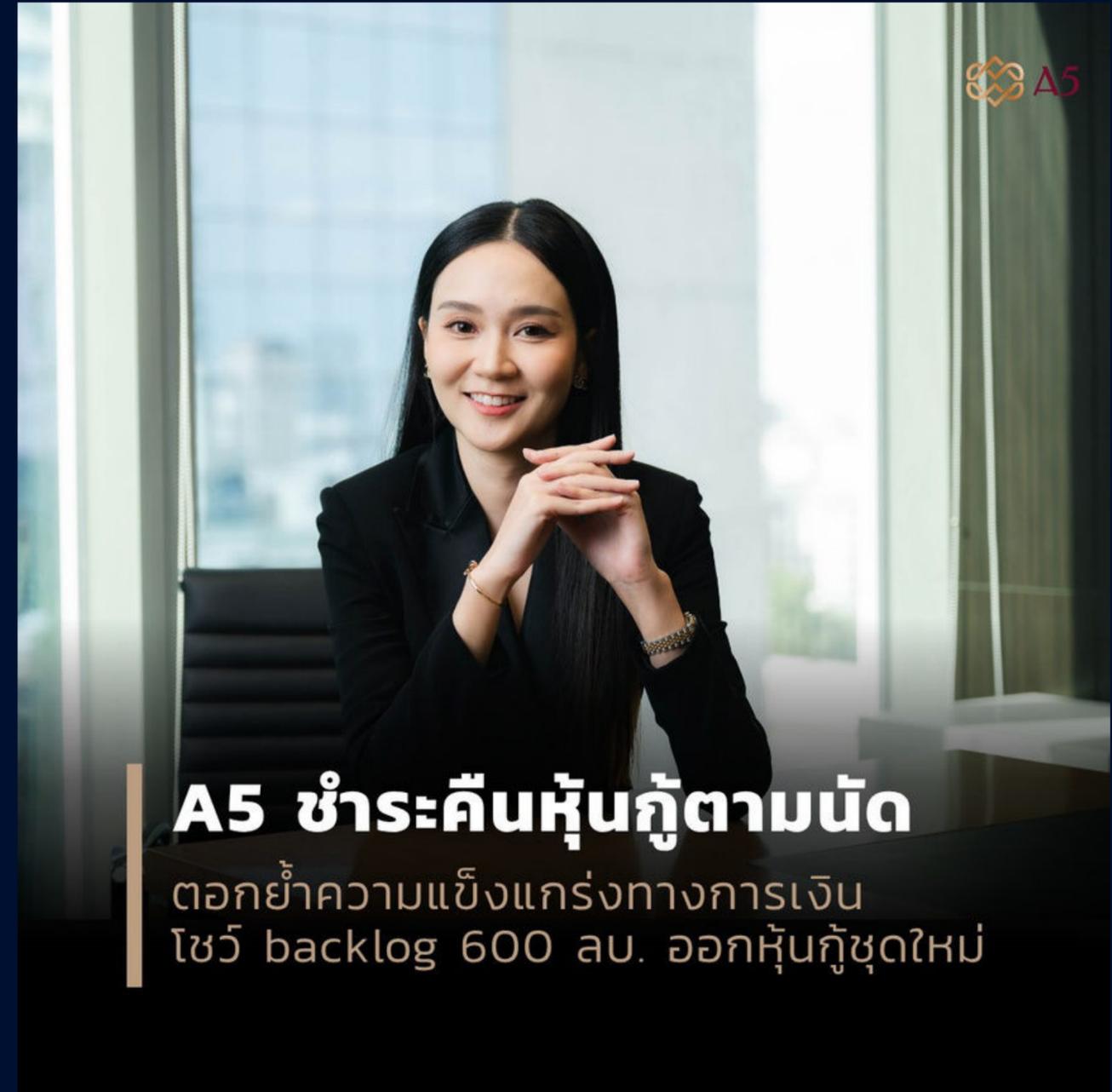
VANA
RESIDENCE

CINQ ROYAL
RESIDENCE

A5 ลงพื้นที่ตรวจสอบหน้างานในทุกโครงการอย่างใกล้ชิด ความปลอดภัยของลูกบ้านคือสิ่งสำคัญที่สุด

เรายืนยันว่า ขณะนี้ได้ดำเนินการตรวจสอบความปลอดภัยของทุกโครงการเป็นที่เรียบร้อย 100%
ตามมาตรฐานวิศวกรรมและความปลอดภัยสูงสุด เพื่อให้ลูกบ้านทุกท่านมั่นใจได้ว่า
ที่อยู่อาศัยของท่านยังคงปลอดภัยและพร้อมรองรับการอยู่อาศัยอย่างมีคุณภาพในทุกวัน





GOVERNANCE

GREEN TENANT OF THE YEAR 2025 S-OASIS Building (Head Office)

