



Exploring Collaboration Opportunities

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Northern Economic Corridor (NEC)

Chiang Rai – Chiang Mai – Lamphun – Lampang

Target Industries

- Creative Economy
- Digital Economy
- Tourism & Wellness
- Agriculture & Food



Focusing Technologies (RSP North)

- Creative Digital
- Extractions
- Plasma Technology



Northeastern Economic Corridor (NeEC)

Nakhon Ratchasima – Khon Kaen – Udonthani – Nong Khai

Target Industries

- Bio Industry
- Agriculture & Food



Focusing Technologies (RSP Northeast)

- Biorefinery
- Drone and Smart Electronics

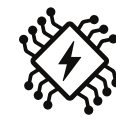


Central – Western Economic Corridor (CWEC)

Phra Nakhon Si Ayutthaya – Nakhon Pathom – Suphan Buri – Kanchanaburi

Target Industries

- Agriculture & Food
- Electronics Economy



Focusing Technologies (TSP)

- AI, Digital, Sensor and Microelectronic



Southern Economic Corridor (SEC)

Chumphon – Ranong – Surat Thani – Nakhon Si Thammarat

Target Industries

- Bio Industry
- Agriculture & Food
- Tourism & Wellness



Focusing Technologies (RSP South)

- Oleochemical



QUADRUPLE HELIX STRENGTHENING MODEL

INCLUSIVE GROWTH

University



Government



Industry



Community



INSIDE-OUT APPROACH
IP MANAGEMENT & LICENSING



STARTUP APPROACH
STARTUP VENTURE RESEARCH



OUTSIDE-IN APPROACH
COLLABORATIVE RESEARCH



Government

PRIVATE
SECTOR
and
CORPORATE

UNIVERSITY

GLOBAL
PARTNERSHIP





- ✦ Electromagnetic Compatibility Laboratory
- ✦ Biorefinery Pilot Plant
- ✦ UAV Testing Center

- ✦ Cordyceps Pilot Plant
- ✦ Algae Technology Pilot Plant
- ✦ Wolffia Farming Pilot Plant



Center of Excellence in Biomass

Innovation Food Pilot Plant

Biorefinery Pilot Plant

Synchrotron Light Research Institute
(Public Organization)



Food Pilot Plant

โรงงานผลิตอาหารเพื่อสุขภาพ



Battery Energy Science and Technology

โครงการศูนย์วิจัยและพัฒนาพลังงาน



Animal Genomics Laboratory

ห้องปฏิบัติการจีโนมสัตว์



Khon Kaen University Phenome Centre

ศูนย์พันธุกรรมและชีวสารสนเทศ



SCOPC

Smart City Operation Center
ศูนย์ปฏิบัติการ Smart City



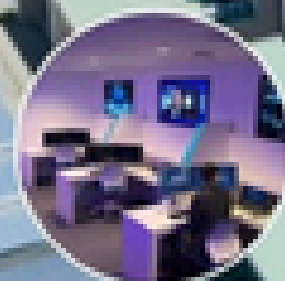
Food Analysis

ห้องปฏิบัติการวิเคราะห์อาหาร



Research Institute for Human High Performance and Health Promotion

ศูนย์วิจัยและพัฒนาสมรรถภาพมนุษย์และสุขภาพ



Cyber Security Lab



RSP

REGIONAL SCIENCE PARK
NORTHEAST 1

Northern Economic Corridor (NEC)

Chiang Rai – Chiang Mai – Lamphun – Lampang

Target Industries

- Creative Economy
- Digital Economy
- Tourism & Wellness
- Agriculture & Food



Focusing Technologies (RSP North)

- Creative Digital
- Extractions
- Plasma Technology

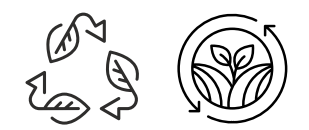


Northeastern Economic Corridor (NeEC)

Nakhon Ratchasima – Khon Kaen – Udonthani – Nong Khai

Target Industries

- Bio Industry
- Agriculture & Food



Focusing Technologies (RSP Northeast)

- Biorefinery
- Drone and Smart Electronics

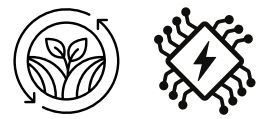


Central – Western Economic Corridor (CWECC)

Phra Nakhon Si Ayutthaya – Nakhon Pathom – Suphan Buri – Kanchanaburi

Target Industries

- Agriculture & Food
- Electronics Economy



Focusing Technologies (TSP)

- AI, Digital, Sensor and Microelectronic



Southern Economic Corridor (SEC)

Chumphon – Ranong – Surat Thani – Nakhon Si Thammarat

Target Industries

- Bio Industry
- Agriculture & Food
- Tourism & Wellness



Focusing Technologies (RSP South)

- Oleochemical



Empowering Skill for NeEC

INPUT

PROCESS

OUTPUT

Period: January – February 2025

Period: April 2025

Period: May – June 2025



**Total 24 Persons
From 1
Technology**



Module 1



Orientation

Module 2



Exclusive
Curriculum
for upskill



Pitching#1
Selection
half of all

2 Key Requires



**Product
Roadmap**
ร่วมกับกลุ่ม



Individual Schedule
แผนการดำเนินงาน:
หน่วยงาน + Timeline

Module 3



Technologists 4 People



Industrialists 4 People



Innovation builder 4 People

FILLING THE GAPS



Workshop
พัฒนาโครงการ



Module 3

International Business Deal



Technologists 4 People



Industrialists 4 People



Innovation builder 4 People

Academic
Institute

Promoter

Incubation

KEY ACTIVITIES



**Business
Deal**

Thailand

Module 4



**Knowledge Sharing
& Brainstorming**



Pitching#2
Selection
Business Plan



Showcase
Synergise Event
with CIM @BKK



Business Plan



Tech Blueprints



SOPs



Business Plan

Biorefinery

Japan Collaboration



Assoc. Prof. Dr. PIAW PHATAI
Udon Thani Rajabhat University



Dr. SUPAPORN CHUNCHOM
Rajamangala University of Technology Isan



Miss. PISITTINEE CHAPANYA
MITRPHOL SUGARCANE RESEARCH
CENTER CO., LTD.



Assoc. Prof. Dr. JIRAWAN APIRAKSAKORN
Khon Kaen University



Dr. PHUANGPORNPHAT VIRIYA
Nakhon Ratchasima Rajabhat University



Dr. LUMPRAI SRITHAMMA
KORAT MICROBREW CO., LTD



Mr. TEERABOON LOVICHIANRUNG
HYBRID INNOVATE CO., LTD.



Mr. PHACHARA CHERDCHAI
GEN-A-TECH CO., LTD.



Miss. PONCHAWARAT TANMAN
NE1



Mr. TECHIN THAWORNSUTJARITKUL
NE2



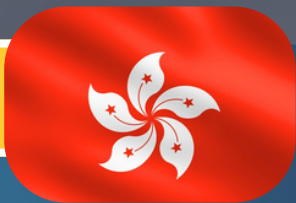
Mr. YOTRAWEE CHAJANTUK
NE2



Mr. WEERASAK KAEWKHEM
Mahasarakham University

Drone and Smart Electronics

Hong Kong Collaboration



Asst. Prof. Dr. NOPPARAT THAMMAWONGSA
Udon Thani Rajabhat University



Asst. Prof. Dr. APICHAN
KANJANAVAPASTIT
Udon Thani Rajabhat University



Mr. CHATCHAWAN CHAONA
CONTENTS DIGITAL MARKETING
COMPANY LIMITED



Mr. ARNAN MUANGKOTE
NE2



Dr. AURALUCK PICHITKUL
Suranaree University of Technology



Mr. PONGCHAROEN
RATCHATATHUMASUK
Triple A Machinery Co., Ltd



Ms. THIDARAT TANTRAIKATN
ICREATIVESYSTEMS COMPANY
LIMITED



Mr. TRIN RATSAMEETANIN
NE2



Assoc. Prof. Dr. ATTHAPHON ARIYARIT
Suranaree University of Technology



Mr. ASAWIN ROMEPRASERT
EASY (2018) COMPANY LIMITED



Mr. WATTANA PHOTANKHAM
Sakon Nakhon Rajabhat University



Mr. WASIT CHAIKUMMING
Mahasarakham University

Thailand Collaboration



Assoc. Prof. Dr. WICHEN SANG-AROON
Rajamangala University of Technology Isan,
Khon Kaen Campus



Assoc. Prof. Dr. APICHAT BOONTAWAN
Suranaree University of Technology



Mr. WARIT SRIMADEE
B CONCRETE CO.,LTD.



Miss. PARICHAT PHALANISONG
S.A. INTERFOOD AND RICE PRODUCTS
COMPANY LIMITED



Asst. Prof. Dr. KRISADA
PRACHUMRASEE
Khon Kaen University



Assoc. Prof. Dr. KIDSANAPONG
PUNTSRI
Rajamangala University of
Technology Isan, Khon Kaen Campus



Assoc. Prof. Dr. CHAYADA SURAWANITKUN
Faculty of Interdisciplinary Studies,
Khon Kaen University



Mr. KRITTIWAKORN THAMMASAENG
Premier Quality Starch Co., Ltd



Mr. WATCHARAPOL SAENGPHET
STA Smarttech Co., Ltd



Miss. NATTHANET MASANG
NE1



Asst. Prof. Dr. HARITSALAK VIRIYA
Nakhon Ratchasima Rajabhat University



Mr. NATTEE KHOTTUMMEE
Sakon Nakhon Rajabhat University



Mr. CHAKAPONG WONGSALEE
INFINITE BIOTECH CO., LTD.



Miss. KANYARAT CHAROENSRI
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Miss. JARUVAN SUBSUNTORN
NE2



Asst. Prof. Supatinee Korsing
Rajamangala University
of Technology Isan



Asst. Prof. Dr. TAJCHAI PUMPONG
Rajamangala University of Technology Isan



Mr. THAWATCHAI KHOTWONG
Khon Kaen Chamber of Commerce



Mr. SUTTHINAN CHANKLANG
Automation Micro Design Co., Ltd



Miss. CHUTIMA KAMTHONGYOT
NE2



Miss. WARITSARA PUTOMNAK
NE2



Mr. YASINTORN YOONGKRASAN
NE1



NeEC





Biorefinery

The background image is a composite. On the left, a tall industrial distillation column is visible. The main part of the image is an aerial view of a biorefinery facility, showing several large storage tanks, processing buildings, and smokestacks emitting white steam. The facility is situated in a rural area with fields and a body of water in the foreground. On the right, there is a semi-transparent graphic overlay featuring a globe and four circular icons connected by lines: a solar panel, a factory, a car, and a recycling symbol.

Value Chain of Bioeconomy



- Crops
- Farmer
- Agricultural Cooperative



Biorefinery



Bioactive



Products



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✉ apichat@sut.ac.th

RHODO⁺
aqua



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เปปไทด์ธรรมชาติ ไบโอสเมติก สารเจล
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Biocosmetic
Scar Gel
by Gen-A-Tech Co., Ltd.

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XOSencial

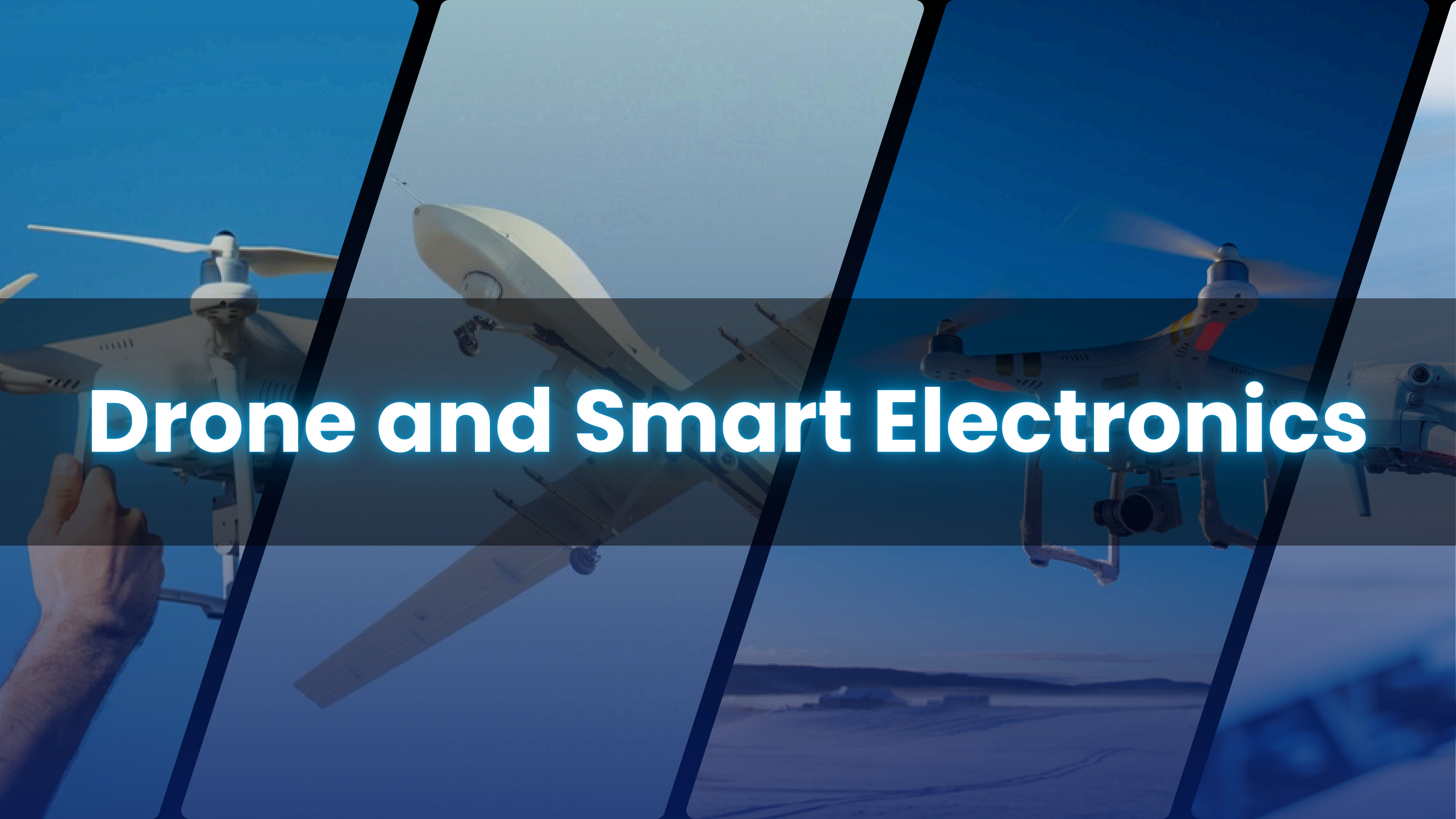
Probiotics for Better Gut Health



Non GMP



GMP Certificated



Drone and Smart Electronics



Drone and Smart Electronics



ICREATIVESYSTEMS CO., LTD.

☎ 097-078-1679

✉ contact@icsco.ai

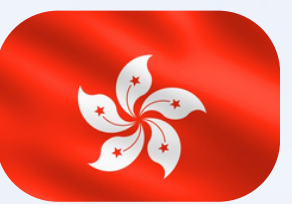


Vilverin VL340

VTOL Drone hybrid with High-end LiDAR Scanner



Hong Kong Collaboration



NAC *Drone*
EASY(2018) Co.,Ltd.

EASY (2018) CO., LTD.

☎ 02-158-8888

✉ info@nacdrone.com



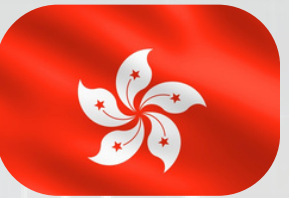
Model: Firer Drone AD70

Transport Drone with UTM Platform Controller

Drone and Smart Electronics



Hong Kong Collaboration



**TRIPLE A ENGINEERING
& SUPPLY CO., LTD.**

☎ 062-651-9499
✉ admin@3a.co.th



OrchardEye

Autonomous Drone for Monitoring Orchard Yield & Crops



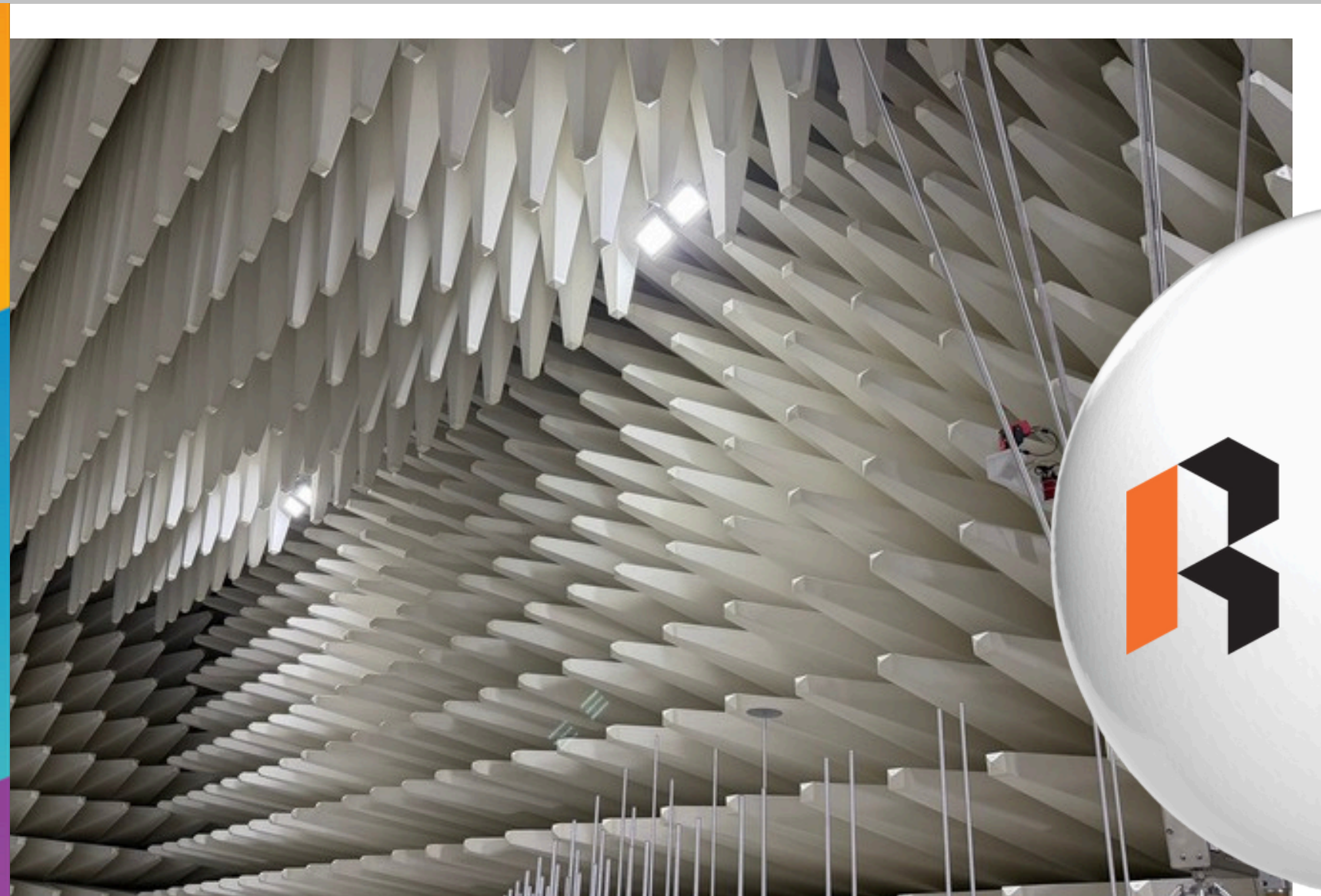
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GunPAI

Guarded Unified Network for Proactive AI

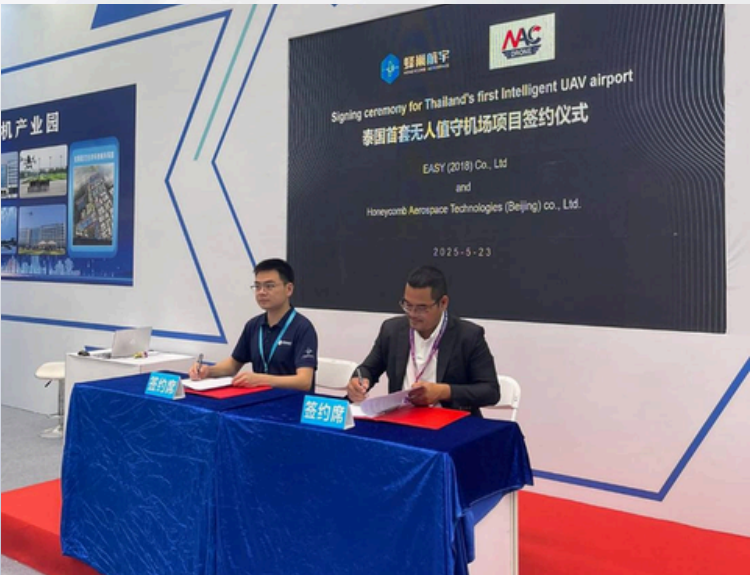
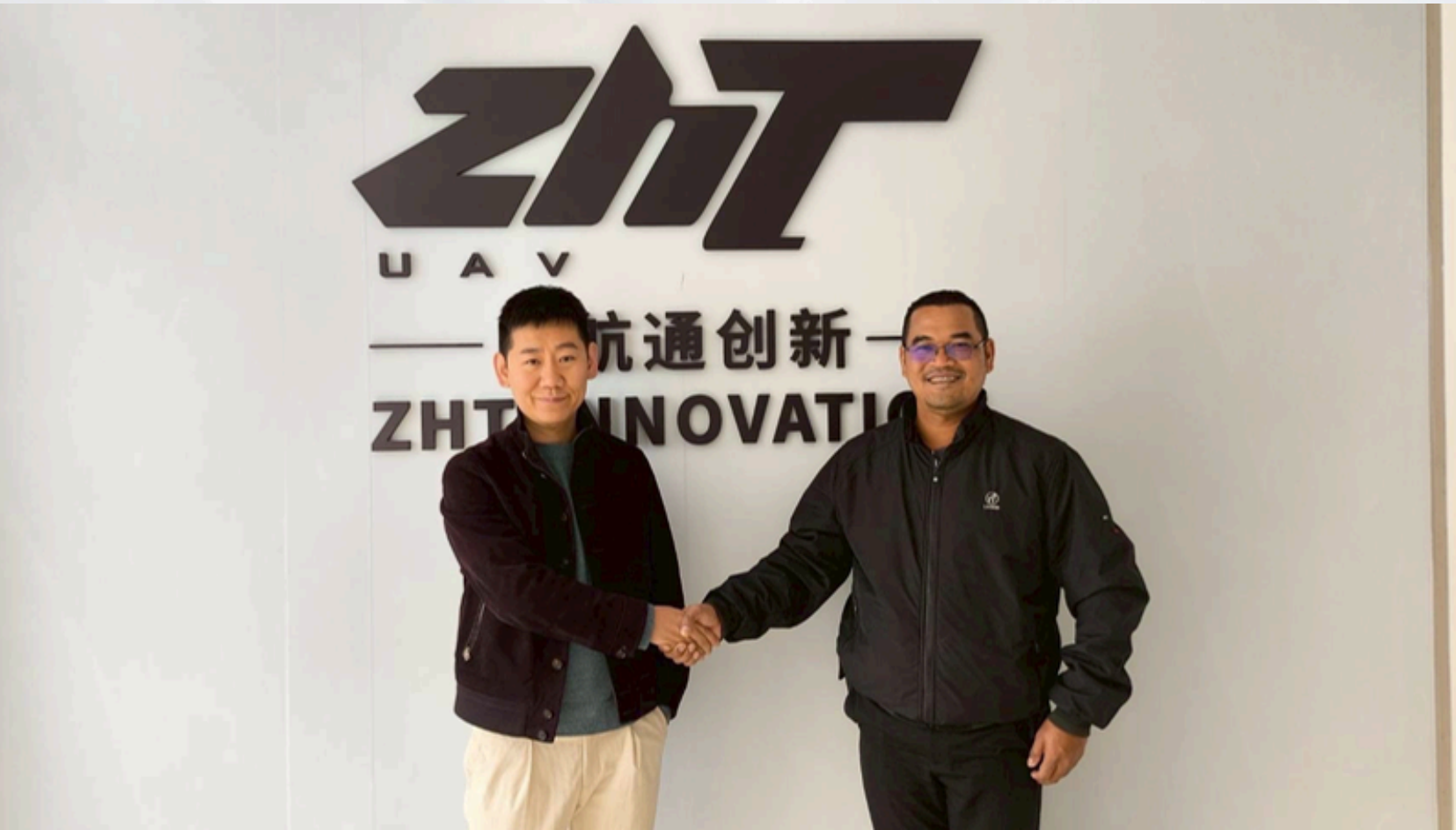


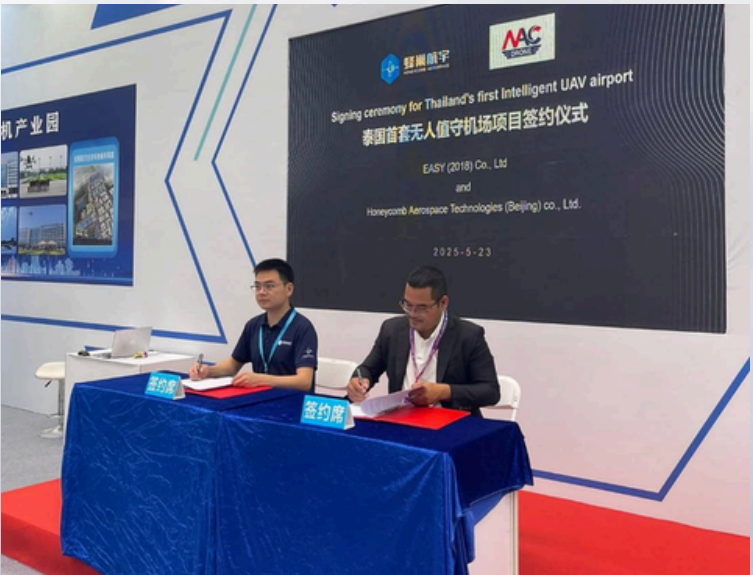
EMC Testing



Drone Testing



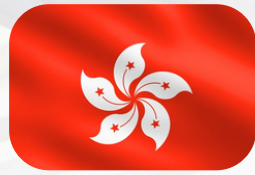






NeEC

Drone and
Smart Electronics



Hong Kong Collaboration







NeEC

