



Global

Global Energy Solutions Co.,Ltd.

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Executive Team



Mr. Kantapat
Luengcharoenwatana

CHIEF EXECUTIVE OFFICER



Miss. Chanyamon
Klawikorn

MANAGING DIRECTOR



Miss. Wathinee
Kaewzaikird

**CHIEF OPERATING
OFFICER**



Dr. Smart
Kongtaweelert

**CHIEF TECHNOLOGY
OFFICER**



Our Company Group









KingBridge Tower

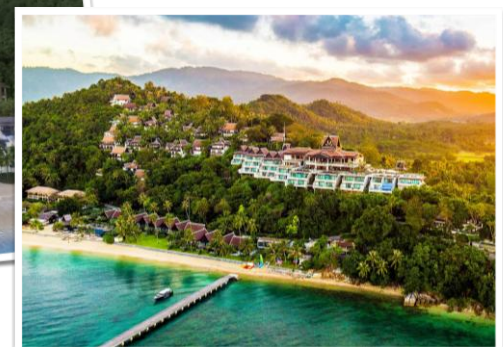


ONE BANGKOK

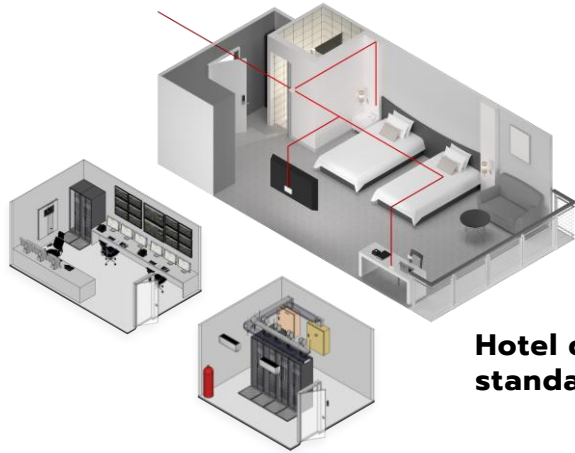


Thai Summit Tower

More **20** Years Experience **400+** Sites Reference

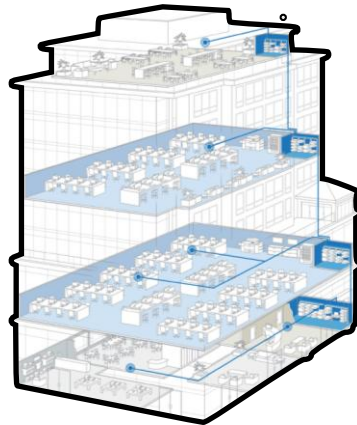


Smart Hospitality



Hotel chain standard

Smart Building



Smart City



SMART CITY / Smart I.E. / Smart I.Z.

- Network Infrastructure & Wifi & Mobile
- Communication : Telephone / TV
- Security : CCTV / Access Control
- Room Control Unit
- PMS & Server Interface

- Network Infrastructure & Wifi & Mobile
- Communication : Telephone / Meeting
- Security : CCTV / Access Control
- Visitor Management
- Digital Twin

- Network Infrastructure
- Smart Pole & Digital Signage
- Smart Intelligent Command Center
- Smart App
- Smart Industrial Estate
- Smart Industrial Zone

WANG CHAN VALLEY

SITE REFERENCE



ศูนย์ราชการ แจ้งวัฒนะ - GOVERNMENT COMPLEX ZONE C

SITE REFERENCE

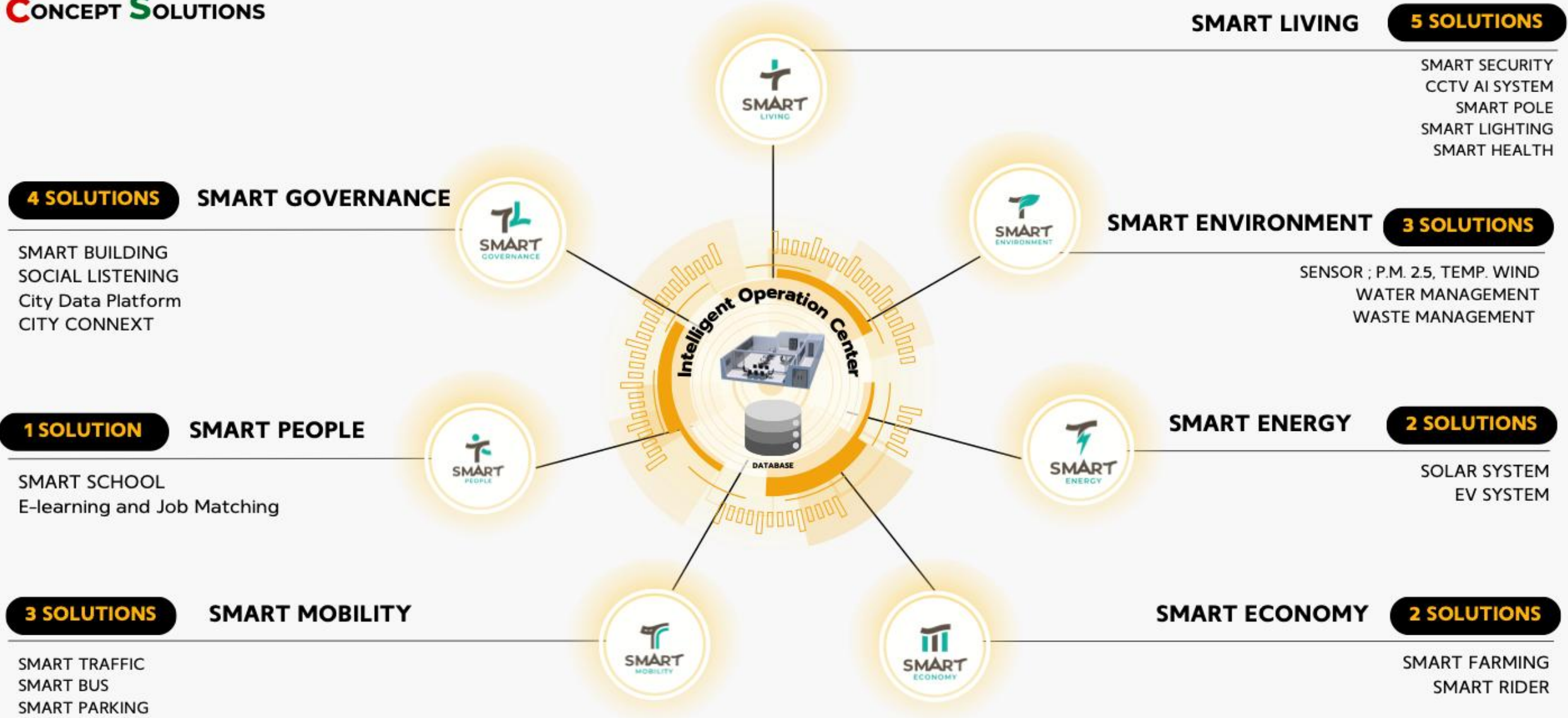


OVERALL
CONCEPT SOLUTIONS

SMART CITY



OVERALL
CONCEPT SOLUTIONS

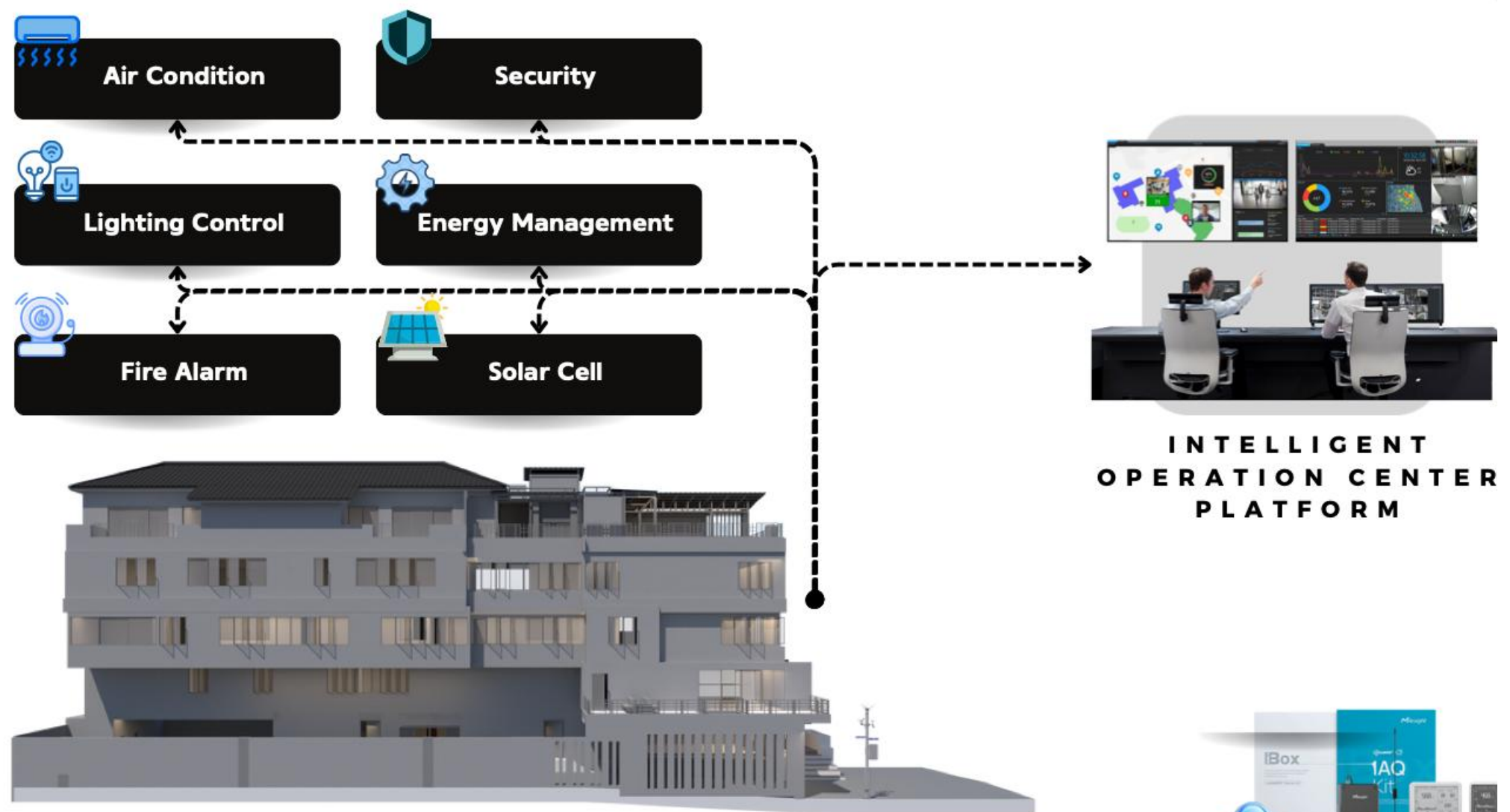




SMART BUILDING & OFFICE



SMART BUILDING & OFFICE





Building Status

Headquarters

Staff
146 people

Visitors
46 people

Vehicles
187 cars

Environment

Weather
Clouds
Air Quality
Good

Temperature
35.3 °C
Humidity
32 %

PM2.5
11 µg/m³
PM10
13 µg/m³

CCTV Group : Pyramid BKK (34)

Camera 1 of 34



first 1 2 3 last



Smart Lighting

Chiang Rai City

Current Usage
2 kWh
Energy Saved
75%

Global Settings

Global Brightness
30%

Operation Mode
Auto Manual

Lighting Zones 4 of 5 zones active

Main Street

Brightness: 30%

42 / 45 lights 518 W

City Park

Brightness: 30%

28 / 30 lights 334 W

Chinabun District

Next scheduled
change: 17:00 -
Evening Setting

Last updated: 04/10/2025, 09:02:08 PM

CAMERA: Home, Up, Right, Down, Left, Full Screen, Refresh, Location, Close

TIME: - 00:00 +

FLOOR: All Floors

LAYERS:

- CCTV
- BTOCTV
- Smart Pole
- Smart Pole Chiangrai
- ACP

DISPLAY:

- POI
- Rain
- Camera Info





KINGBRIDGE
TOWER

NETWORK
INFRASTRUCTURE



ระบบเครือข่าย IT network



WiredScore
PLATINUM



KINGBRIDGE
TOWER

INTELLIGENT OPERATION CENTER >>>>

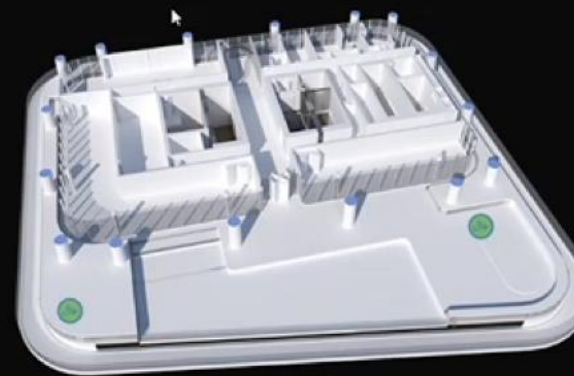
Overview of City



Total Area of City



Total Area of City



Environment



Energy



Event

- 2023-11-28 10:30:00 - Event 1 occurred
- 2023-11-28 11:15:00 - Event 2 occurred
- 2023-11-28 11:15:00 - Event 2 occurred
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Overviews



Energy



Security

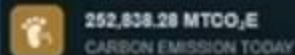


Building

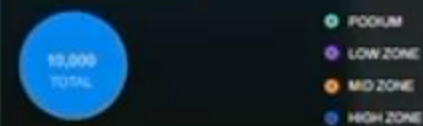
ENERGY



CARBON EMISSION



PEOPLE COUNTING



PARKING



F23 SKY GARDEN



WEATHER



NEW ULTIMATE LANDMARK

Office Tower ในพื้นที่ "ประตู 3" ฝั่งตะวันออก



KINGBRIDGE TOWER

M² 300/ 235

TENANT SPACE MANAGEMENT 235 50%

23 F

M² 300/ 235

TENANT SPACE MANAGEMENT 235 50%



STOCK	CHANGE	PRICE (BATH)	STOCK	CHANGE	RATE (BATH)
ADVANC	▲ 1.12%	44.24	USD	▲ 3.12%	34.56
AOT	▼ 0.35%	32.94	EUR	▼ 0.35%	36.39
AWC	▲ 0.08%	33.59	CNY	▲ 1.08%	4.80

	CHANGE	RATE (BATH)
USD	▲ 3.12%	34.56
EUR	▼ 0.35%	36.39
CNY	▲ 1.08%	4.80

PATH TO SUSTAINABILITY

How is your sustainability journey progressing?



MONITOR

Visualize energy, scope 1 & 2 carbon emissions at an asset, building or portfolio level for informed decision making



CONTROL

Deploy system-agnostic, real-time visibility with advanced controls to reduce energy consumption



OPTIMIZE

Leverage AI/ML for efficiency at a system level to **optimize building operations and experience** for energy efficiency, indoor air quality and occupant comfort



DECARBONIZE

Integrate **power demand and supply optimization tools** to reduce operational costs, create resilience and meet carbon neutral goals



SUSTAIN & CERTIFY

Reach and maintain carbon reduction goals





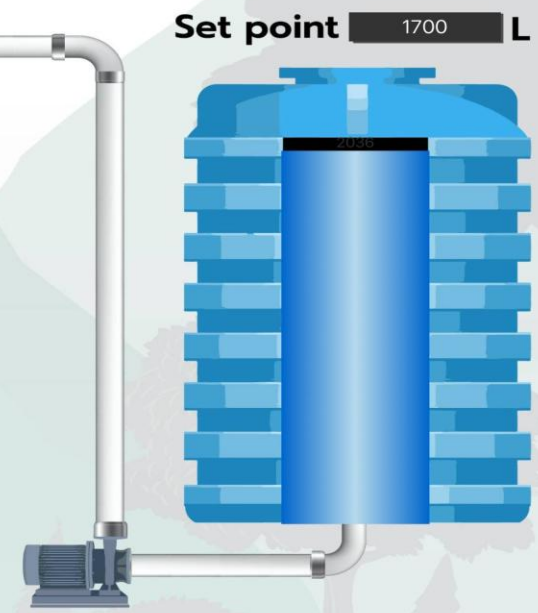
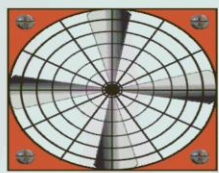




Green House 06



Air temp	37.3	°C
Air Hum	39.0	%RH
Soil temp	26.5	°C
Soil moisture	0.0	%RH
pH	4.3	
EC	345	uS/cm
Nitrogen	33	mg/kg
Phosphorus	123	µg g-1
Potassium	116	mg/kg
Salinity	189	mS/cm
Light	56229	Lux



Curtain Controls

Auto ON

Set point 50000 Lux

Open OFF

Close ON

Schedule

Open 11:30 Close 14:30 OFF

Fan Controls

Auto ON

Schedule

Set point 28.0 °C

Open 8:0 Close 18:0 OFF

Fan 1 ON

Open 20:0 Close 6:0 OFF

Fan 2 ON

Open 7:0 Close 18:30 OFF

Fog Controls

Auto OFF

Manual

Valve OFF

Pump OFF

Setpoint 30.0 °C

On 180 sec

Off 30 min

Watering Controls

Schedule OFF

Manual

Open 9:0 2 min OFF

Open 12:5 5 min ON

Open 15:30 15 min ON

Open 18:0 10 min ON


Valve 1 OFF

Valve 2 ON

Valve 3 OFF

Pump OFF


Green house 1



Temp : 38.3 °C
 Hum : 36.1 %
 Soil : 2.3 %
 Light : 50414 Lux
 Water : 1868 L

OFF


Green house 2



Temp : 39.4 °C
 Hum : 38.0 %
 Soil : 0.0 %
 Light : 36680 Lux
 Water : 1987 L

OFF


Green house 3



Temp : 33.9 °C
 Hum : 42.9 %
 Soil : 0.0 %
 Light : 52750 Lux
 Water : 2248 L

OFF


Green house 4



Temp : 40.6 °C
 Hum : 33.5 %
 Soil : 0.0 %
 Light : 48378 Lux
 Water : 1979 L

OFF


Green house 5



Temp : 38.7 °C
 Hum : 39.5 %
 Soil : 2.0 %
 Light : 42461 Lux
 Water : 1918 L

OFF


Green house 6



Temp : 39.1 °C
 Hum : 37.0 %
 Soil : 0.0 %
 Light : 52675 Lux
 Water : 2036 L

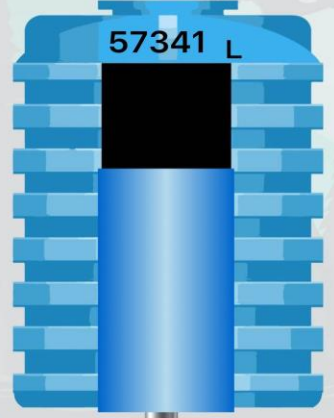
OFF

Environment Sensor



32.1 °C
 0 mm
 58.4 %
 Pm 10 : 4 µg/m3
 Pm 2.5 : 4 µg/m3

Water level



57341 L

Manual ON

Auto

GH01 OFF

GH02 OFF

GH03 OFF

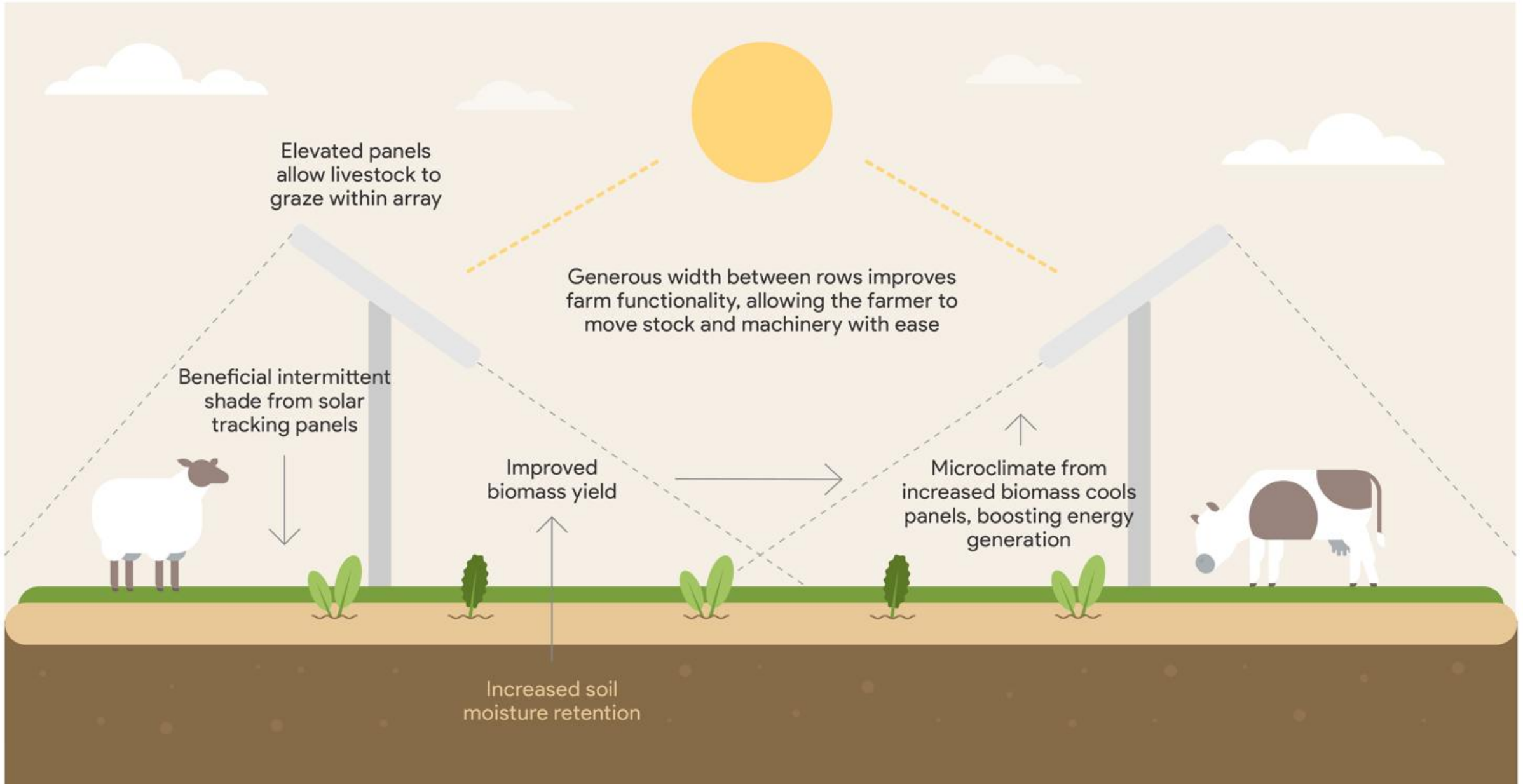
GH04 OFF

GH05 OFF

GH06 OFF









Agrivoltaics, the advantages of
combining renewables and
agriculture



หลักสูตร วิทยาการเกษตรระดับสูง (วทส.)

*AGRICULTURE AND COOPERATIVES
EXECUTIVE PROGRAM*