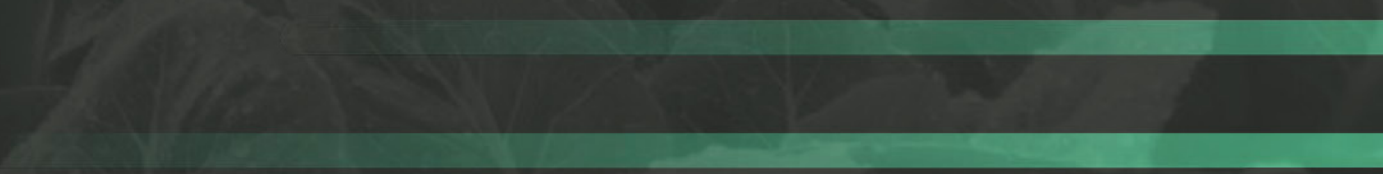


BANGKOK ROOFTOP

FARMING

SE : Social Enterprise



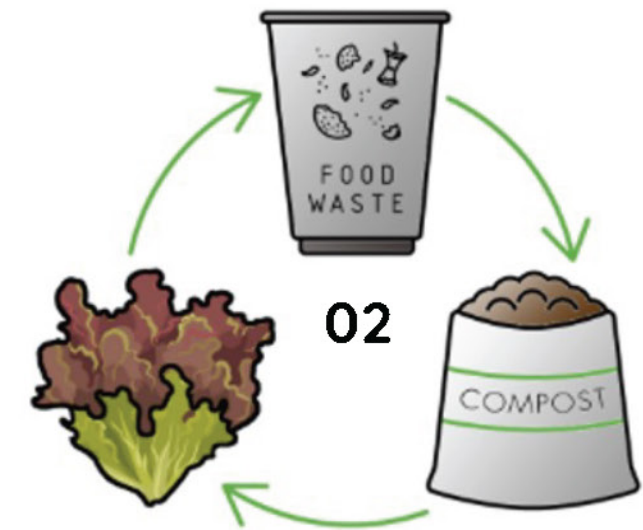
SLOGAN VISSION

Slogan

Turning Food Waste
intro Growth

Vission

We strive to nurture organic urban ecosystems through circular urban farming business models with the end goal of creating “green-ovative cities”



PAIN POINTS:

Pain points: When urban dwellers become the final consumers, before the remaining items turn into waste, they end up at landfill sites. In the area of Bangkok, in the year 2019, there were as many as 118,000 tons of waste generated annually. Each year, Bangkok needs a budget of up to 3,000 million baht to manage this waste. In Thailand, the total waste generated reaches a staggering 76,000 million tons per year, with food waste accounting for 55% of this amount. The remaining 45% consists of non-food waste. Properly separating food waste would make it easier to separate plastic waste, allowing for easy reuse and recycling of up to 30%, while only 15% would end up in landfills.



COMPANY MISSION

Foster Circular Economy: Embrace circular economy principles by utilizing food waste to enrich soil, cultivating organic vegetables, and closing the loop of resource utilization.

Promote Education and Awareness: Serve as a learning platform for agriculture, environment, health, and food, raising awareness about sustainable practices and inspiring a new generation of eco-conscious individuals.

01 Mission

We convert food waste to compost.

02 Mission

We optimize space for urban farming.

03 Mission

We offer safe food for urban people.



OUR PROCESS



01 Farm design

- 50 sq. meter space
- Green Logistical Management
- Enabling environment for urban farming for rooftop



02 Food waste composting

- Nutrient recycling from food waste management
- Knowledge of diverse organic fertilization processes



03 Green farm management

- Optimal water usage
- Crop management for maximum production
- Ecological multi-cropping



04 Market from Origin

- §Education for urban consumers on zero carbon emission food systems (eat food from where it's grown)

COMPANY OVERVIEW

We provide comprehensive solutions in a “Close The Loop”

4 years, we can reduce Food waste **53.5 tons.**



MANAGEMENT TEAM



VITONRUENG LERTPANYAKUL
Organic Farming Specialist



THANAKORN JIAKAMONCHUEN
Specialist in Food Waste Conversion
and Farm Manager



ATTAPON NIPHATRO
Sales Management



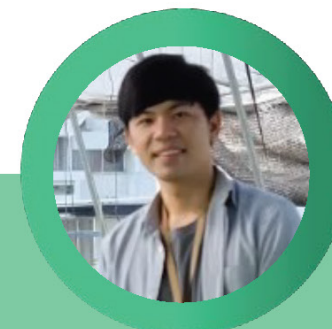
PAREENA PRAYUKVONG
Human Development & Relationship
Management Network



SUKSAN KIENPHAP
Marketing and Quality Control



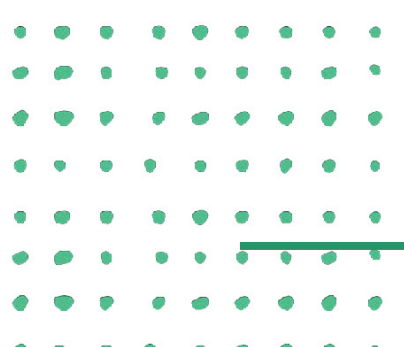
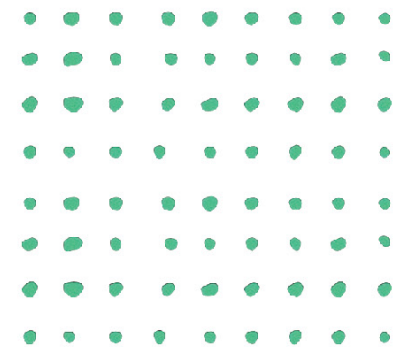
PROMSUB SEOSATTAYAWONG
Strategy



KRISADA NOIBUDEE
Research and Development



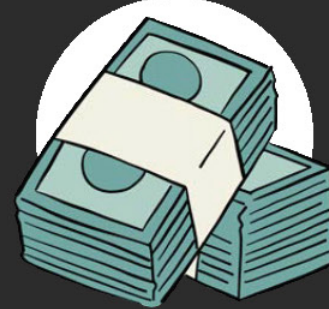
SOMSAP RATTANAMONTRICHAJ
Accounting and Finance



SOCIAL AND ENVIRONMENTAL IMPACT



Take advantage of empty spaces.



Foster local economies by designing circular urban farm micro-businesses.



Try to close loops of food waste (e.g., composting and improved separation of plastic waste).



Build local food security by offering safe, affordable and healthy food where it is lacking.

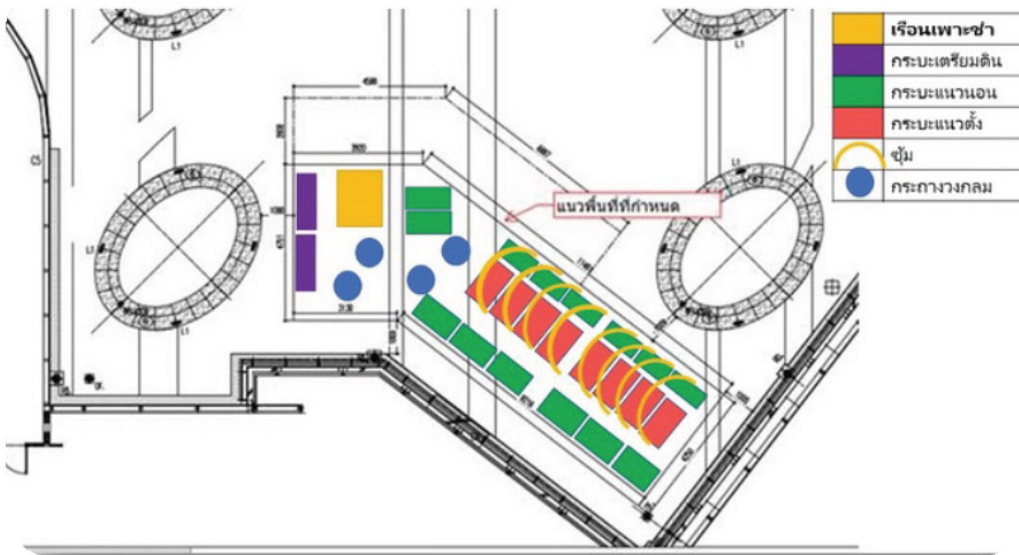
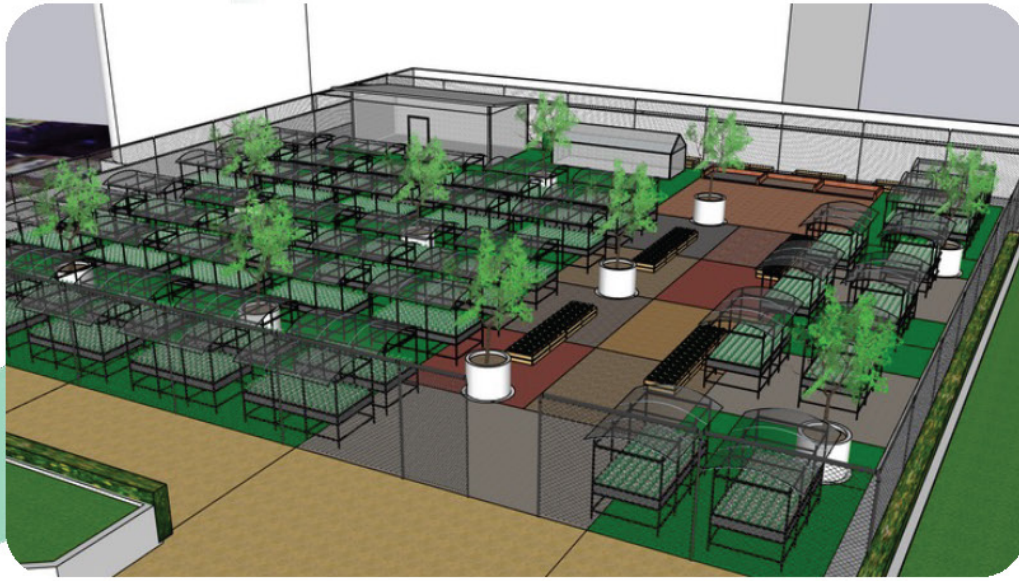


Improve the livelihoods of the people in urban areas.



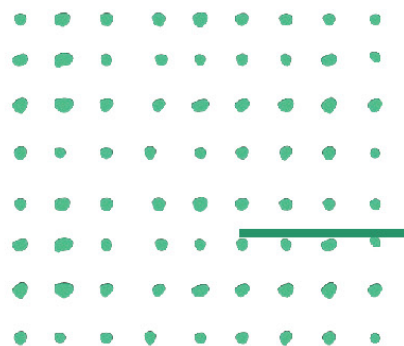
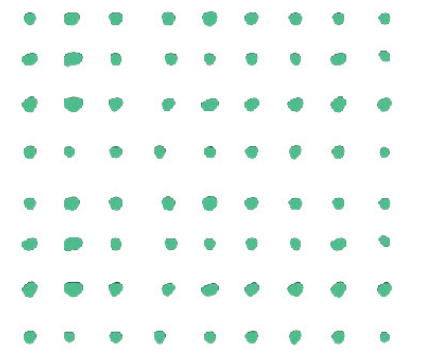
Reduce Food mile from producers to consumers

FARM DESIGN TO SMART FARM



- ✓ Design the farm in accordance with the space available
- ✓ Model a viable organic farming business
- ✓ Optimize water and energy usage
- ✓ Create space for public use, recreation and education on organic farming
- ✓ Generate revenue for investors

OUR SDGS Impacts



TRIPLE BOTTOMLINE -SOCIAL RETURN ON INVESTMENT

1. Demand-Supply Community Participation
2. Urban Food Waste management trend
3. Access to full system of agricultural education for urban middle-income people
4. Social Innovation in awareness raising on food safety and food contamination

Environment

Community

Economics

1. Food Waste Reduction
2. Increase Plastic Recycling Viability
3. Increase access of urban low to middle incomers to affordable food
4. Carbon sequestration (keeping carbon out of air and in soil) through building up organic material from composted food waste

1. New job creation- urban farmers
2. New markets (markets from origin)
3. 40% of cost reduction on waste management
4. Reduction of plastic production using new petrochemicals through plastic recycling

CIRCULAR URBAN FARMING MODEL

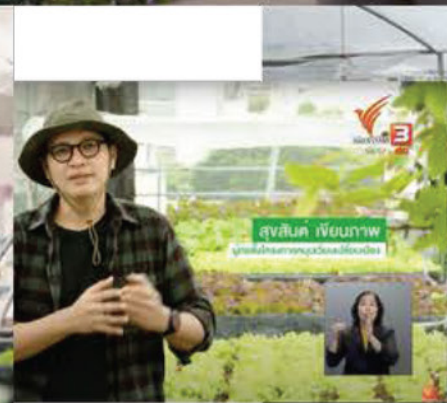


MEDIA Coverage



The Cloud 31 ตุลาคม 2020

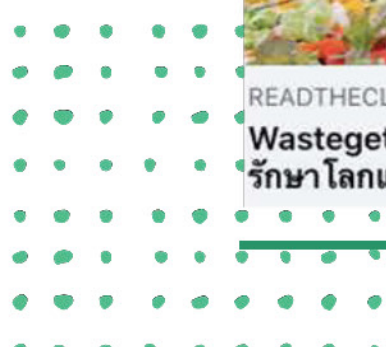
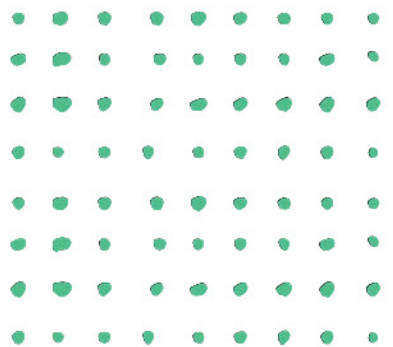
เชื่อไหมว่า บนดาดฟ้า Center One ย่านอนุสาวรีย์ชัยสมรภูมิ Wastegetable Farm ที่ตั้งใจให้ผักจากฟาร์มนี้ไปเป็นส่วนประกอบอาหารจานใหม่ของคนในชุมชน



READTHECLOUD.CO Wastegetable ฟาร์มผักบนดาดฟ้ากลางอนุสาวรีย์ชัยสมรภูมิ ปลูกผักเพื่อลดขยะอินทรีย์ ปลูกผักเพื่อลดขยะอินทรีย์ ปลูกผักเพื่อลดขยะอินทรีย์

คนเปลี่ยนโลก #สวนผักลอยฟ้า

ออกอากาศวันจันทร์ที่ 23 สิงหาคม 2564 เวลา 20.30 น. ทางช่อง 8 และ LIVE ทาง Facebook คนเปลี่ยนโลก



2ND RUNNER-UP OF NATIONAL INNOVATION AWARDS 2021

รางวัลนวัตกรรมแห่งชาติ ประจำปี 2564

ด้านสังคมและสิ่งแวดล้อม

ประเภทองค์กรเพื่อสังคมและชุมชน

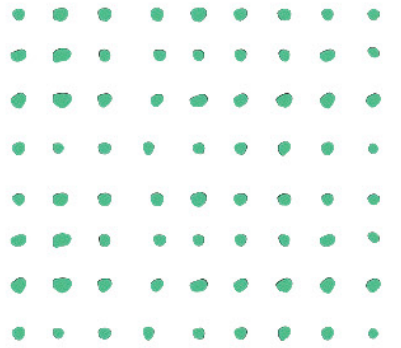
รางวัลรองชนะเลิศอันดับที่ 2



บริษัท บางกอก รูฟท็อป ฟาร์มมิ่ง จำกัด

นวัตกรรมทางสังคม-การแปลงเศษอาหารสู่ธุรกิจฟาร์มผัก
สร้างรายได้ในพื้นที่เล็กๆ ในเมือง





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