

# N.THING — FACT SHEET

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Founded on January 10, 2014

CEO of N.THING: Leo Kim

Industry: Agrifood Technology

Mission:

N.THING is a Seoul-based Agri-tech company seeking to create a sustainable food future by combining agriculture with IoT technology. The company is on a mission to innovate the farm-to-table food value chain and provide fresh, high-quality crops to everyone, stably.

N.THING's technology offers a more sustainable, more stable, and safer farming method, with mass productivity. The Agri-tech company designs the farm as a product, and provides farming as a service. All components of the farm are standardized and modularized. With a dedicated operating system, complete environment control is possible and farms can be managed by anyone, anywhere. Their turnkey solution allows the same, high-quality outcome every time.

N.THING dreams of a world where everyone has access to any crops, regardless of location— even on Mars.

About N.THING Cube:

N.THING's CUBE is an indoor modular vertical farm that does not affect or change the surrounding environment. And now more engineered to reduce using earth resources, it enhances producing clean and safe yields free from pollution and pesticides inside the farm to cultivate sustainably by saving energy and creating a sustainable ecosystem. CUBE is elaborating a decentralized farming solution that can be set up in any city without relying on imports and logistics for easy access to the traceable food supply. Not only for functionality, its design is dedicated to the efficiency but simplicity of productivity in the aesthetic way as a city farm.

N.THING Cube is a standardized, indoor vertical farm made from a 40-foot HC reefer container that offers both scalability and cultivation efficiency. Containers can be stacked and arranged to meet size requirements and purposes.

Compared to conventional farming, N.THING Cube increases the yield up to 100 times per unit area, while using only 4% of water. Inside the container farm, the environment is fully controlled with IoT technology and dedicated OS.

N.THING Cube guarantees stable production of high quality crops—grown pesticide-free and without outside harmful substances. This is a sustainable agriculture model that does not pollute the surrounding environment, while using less resources.

Key Partners:

SparkLabs, Dinehill Restaurateurs, KDB Bank, Smart Acres, Samsung Venture Investment, Spring Camp, Emart

Crops:

- Leafy Greens

- Romaine, Butterhead, Batavia, Kale, Mini Romaine, Oak Leaf, Bok Choy, Vitamin, Mustard Greens, Arugula, more.
- Herbs
  - Parsley, Applemint, Thyme, Dill, Lemon Balm, Chervil, more.
- Other/Special
  - Baby Leaf, Low-nitrate/low-potassium, more.
- Under Research & Development
  - HEMP\*, Strawberries, and more. \*N.THING is currently a certified grower for HEMP (for medical use) in Korea.

#### Awards:

- CES 2022, Innovation Awards Honoree, Sustainability, Eco-design and Smart energy
- CES 2020, Best of Innovation, Smart Cities
- iF Design Award 2020, Architecture
- UN x Seoul City, Citypreneurs 2019

#### Current Sites Using N.THING Cube Modules:

- Cube Yongin, South Korea
- Cube Icheon, South Korea
- Cube Andong, South Korea
- Cube Abu Dhabi, United Arab Emirates

Website: [www.nthing.net](http://www.nthing.net)

Contact: [jessica@nthing.net](mailto:jessica@nthing.net)

N.THING footage: [link](#)

## Leo Kim

### CEO & founder



#### Current

CEO & founder at N.THING  
(founded in 2014)

#### Previous work experience (before N.THING)

Associated Researcher at KETI, Korea Electronics  
Technology Institute  
International Business Development Manager at  
MSC, a Korean greenhouse manufacturer

#### Educational Background

Dropout at Hanyang University, Electronics and Communications Engineering major

#### Reference

[Leo's recent interview article](#)