



**NATURE'S MIRACLE HOLDING INC. (NASDAQ: NMHI)**

**A LEADING CEA TECHNOLOGY PROVIDER**

**August 2024**

# Executive Summary



**Nature's Miracle Holding Inc.** ("Nature's Miracle" or "the Company") is a growing agriculture technology company providing services to growers in Controlled Environment Agriculture ("CEA") around the world;



In March 2024, Nature's Miracle completed the merger with **Lakeshore Acquisition II Corporation** and began trading on Nasdaq Stock Market under the symbol "NMHI".



Nature's Miracle provides versatile indoor growing solutions including but not limited to: **LED grow lights, nutrients, grow media, container farms, small to large plant factories, fully controlled and automated greenhouses;** around the world;



Nature's Miracle's goal is to become a one-stop provider of equipment and services to the **CEA customers in North America.**





# Global CEA Market Trend



CEA, an indoor, technology-based approach of cultivating crops under optimal growing conditions, is **rapidly expanding due in large part to growing consumer demand for low-environmental-impact food**, local food systems, and improved accessibility to high-quality produce with shorter supply chain



Compared to traditional farming, CEA requires 90% less water and yields up to 30x more over the same land area

- **Given water shortages, high energy costs and geopolitical conflicts this is a critical need**

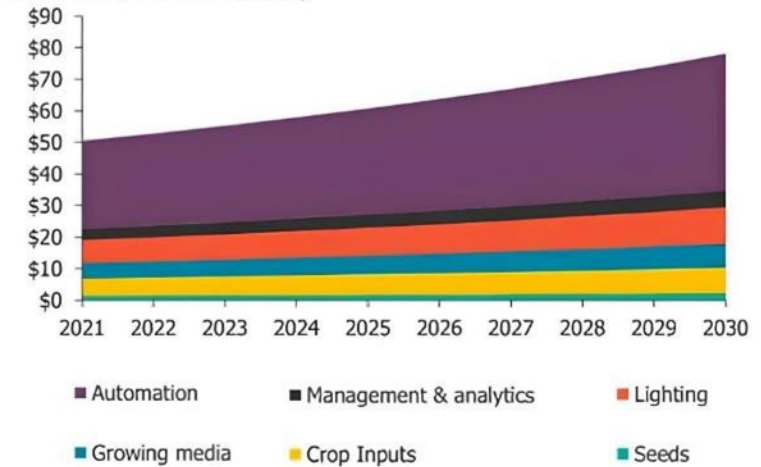


CEA includes the vertical farming sector and the indoor cultivation of an ever-increasing range of **specialty crops for use in a variety** of applications from food to health

Source: FUTURECIO

## GLOBAL CEA MARKET

Market size (billion dollars, USD)



The global commercial greenhouse market, which consists of, among other things, automation, management & analytics, lighting, and grow media was valued at **\$50 billion** in 2021 and is projected to reach **\$76 billion** by 2030

<https://www.maximizemarketresearch.com/market-report/controlled-environment-agriculture-market/147449/>

# Corporate Structure



(Delaware)

Controlled Environment  
Systems Development

**Visiontech Group, Inc.**

(California)

**Horticulture Lighting**

**Hydroman, Inc.**

(California)

**Grow Light**

**Nature's Miracle  
(California), Inc.**

(California)

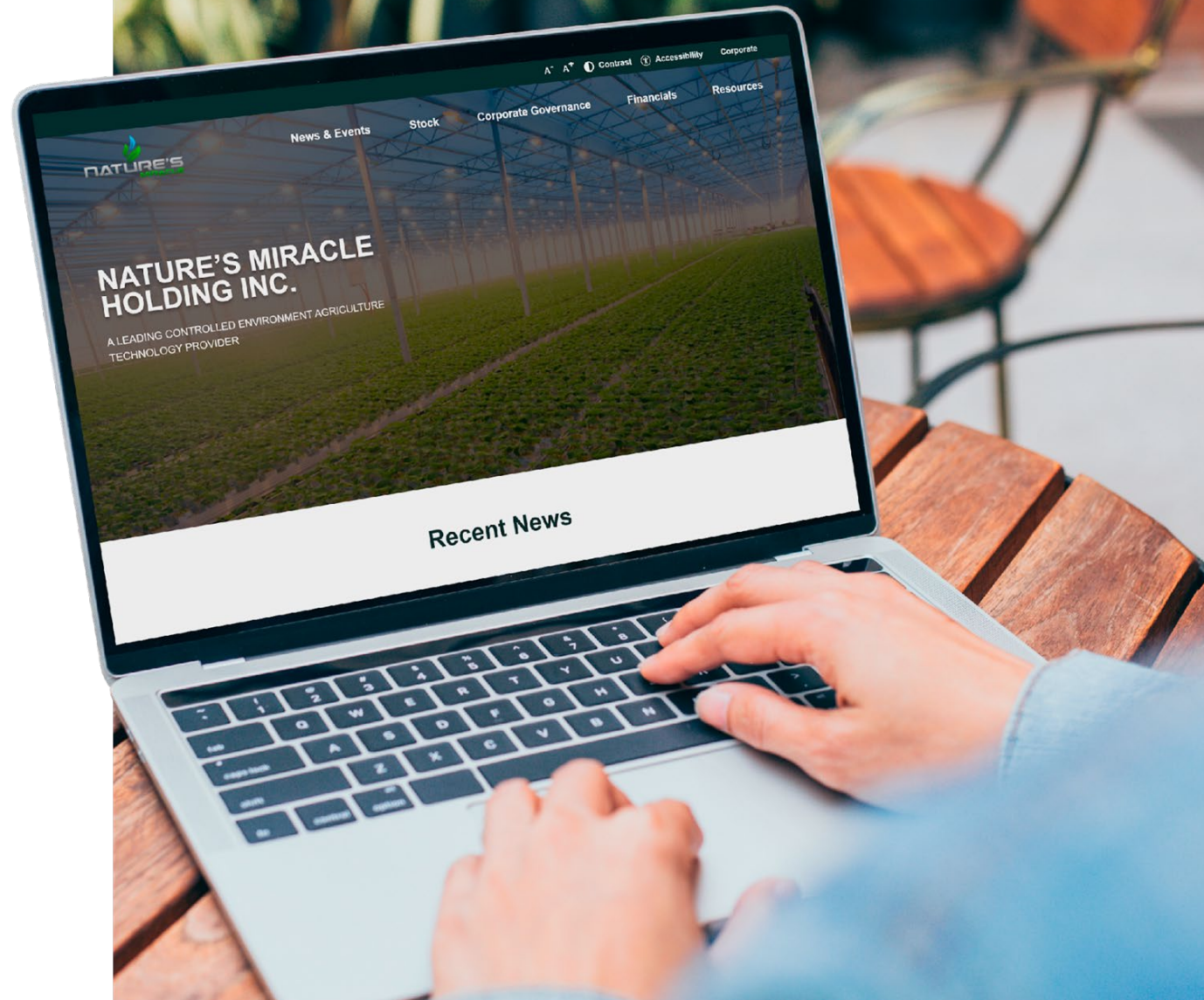
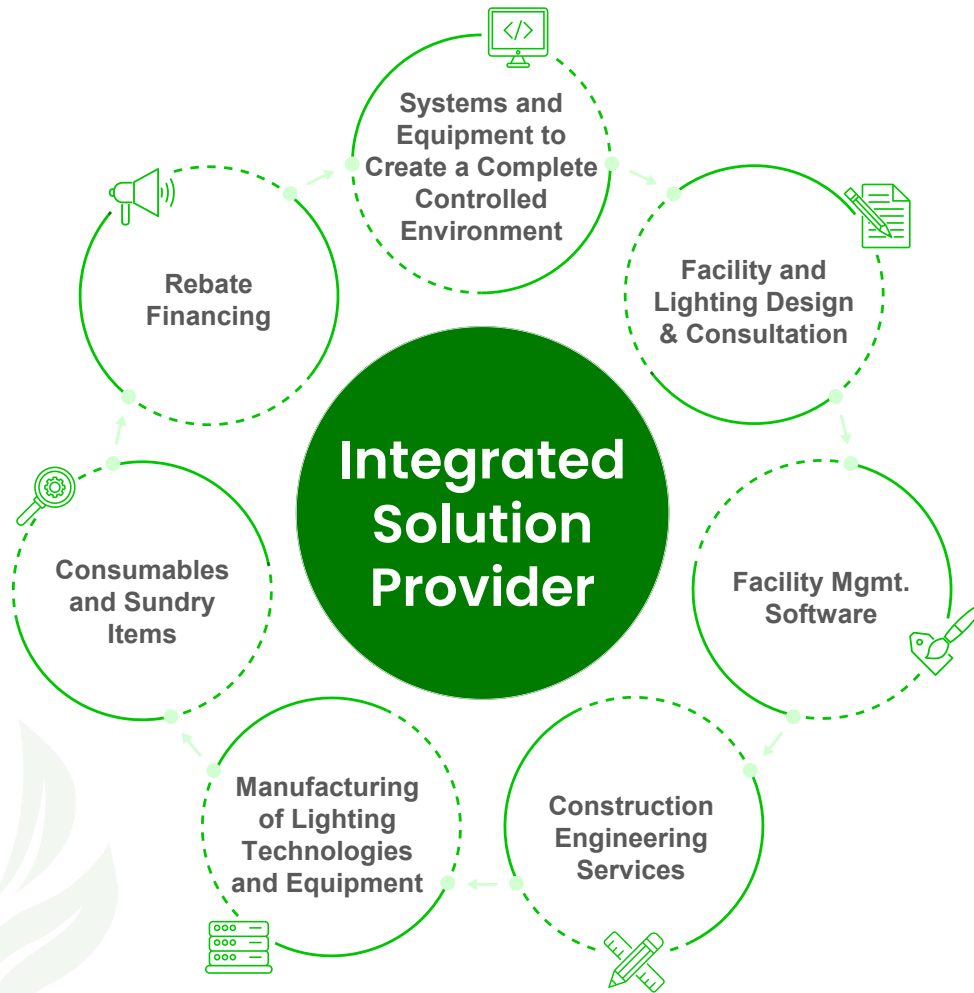
**Greenhouse  
Development**

**Nature's Miracle  
(Canada), Ltd.**

(Canada)

**Greenhouse and  
Vertical farming**

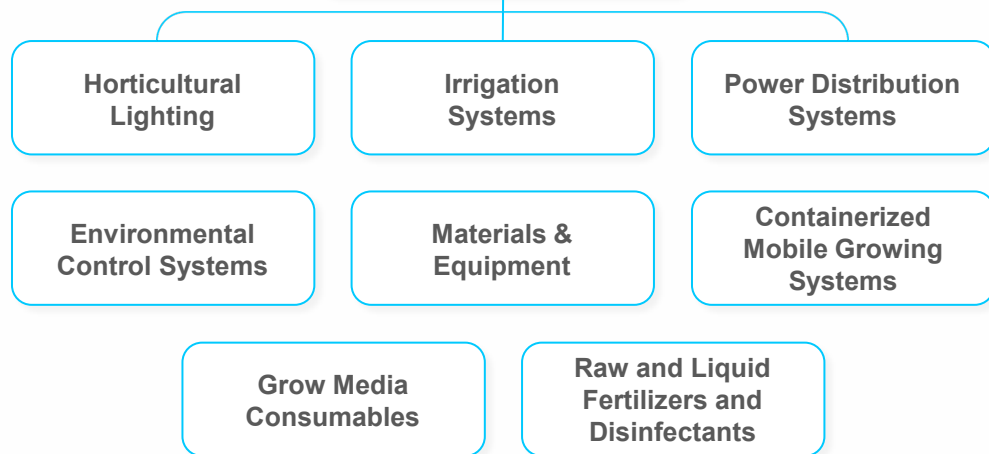
# Current and Future CEA Services



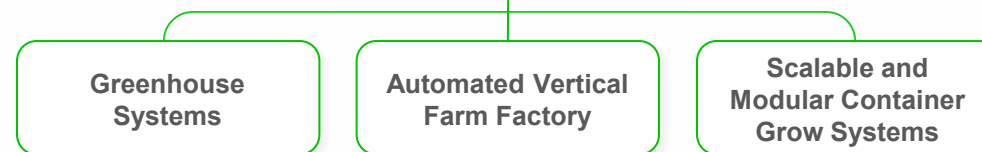
# Integrated Product and Solution Provider



## PRODUCTS



## SOLUTIONS



# Cutting Edge LED Technology



Indoor horticulture LED lighting taps into a burgeoning market, driven by the expanding need for sustainable, year-round crop cultivation. With an estimated total addressable market exceeding hundreds of billions globally, it aligns with the growing demand for efficient, **eco-friendly agricultural solutions**.



By strategically engaging with national rebate programs, Nature's Miracle and its subsidiaries can actively alleviate the financial strain on potential buyers. This involves providing incentives that significantly lower the upfront costs associated with adopting our **cutting-edge technology**.



Nature's Miracle and its subsidiaries are at the forefront of **LED technology innovation**, boasting global supply chains and pioneering research and development collaborations that establish the benchmark for the entire lighting industry to emulate.

## Key Supplier and R&D Partners

Offering the latest in **LED driver technologies** and assistance with custom power supply needs



# Controlled Environment Agriculture Nutrients

The indoor agriculture and hydroponic industry represent a rapidly expanding market, poised for exponential growth. With an estimated total addressable market exceeding tens of billions of dollars globally, this dynamic sector aligns with the increasing demand for sustainable, high-yield farming solutions in both urban and traditional agricultural settings.

**Dutchwool**



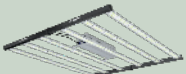


Through Nature's Miracle's subsidiaries, we deliver top-tier, guaranteed potency dry and liquid fertilizers renowned for their unparalleled quality. **Leveraging our global manufacturing alliances**, we offer high-caliber products at competitive costs, ensuring exceptional margins without compromising on excellence.



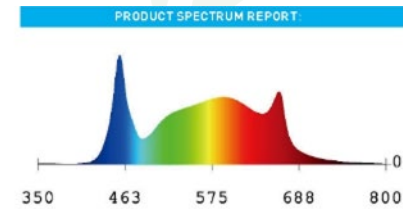


# Controlled Environment Agriculture Products

## Grow Light

Images	Output PPF	Efficiency	AC Input	Ingress Protection
	1700 $\mu$ mol/s	2.7 $\mu$ mol/j	630W@27 7V	IP66
	450 $\mu$ mol/s	3.0 $\mu$ mol/j	150W@27 7V	IP66
	1700 $\mu$ mol/s	2.7 $\mu$ mol/j	630W@27 7V	IP66

## Professional Spectrum



## Indoor Lighting Layout



## Racking and Growing System



### Multi-tier Racking System

- Modularized design
- Fast deployment
- Heavy duty structure



### Ventilation System

- Air flow function
- Easy assembling



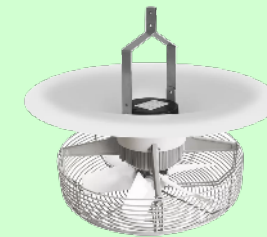
### Rolling Bench System

- Firm and sustainable
- Easy assembling
- Heavy duty structure

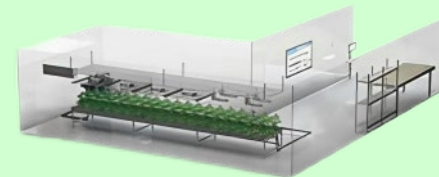
## Greenhouse Cultivation



### Fertigation System



### Ventilation Equipment



### Full Environment Control System



# Indoor Controlled Environment Agriculture Systems

Nature's Miracle harnesses cutting-edge technology and efficient low-cost manufacturing, offering businesses a reduced entry point cost, minimizing CAPEX requirements, and ensuring a compelling ROI in the Controlled Environment Agriculture industry.

**The Total Addressable Market for controlled environment agriculture is projected to surge substantially over the next decade, positioning itself as a multi-billion-dollar industry at the forefront of sustainable farming innovation.**



# Scalable Container Farm

## Plug & Grow



Container farms are designed for easy installation, **reducing the time** and effort required for setup.

## Consumables Saving



Container farms utilize precise irrigation and nutrient supply systems, reducing water and fertilizer consumption compared to **traditional methods**.

## Energy Saving

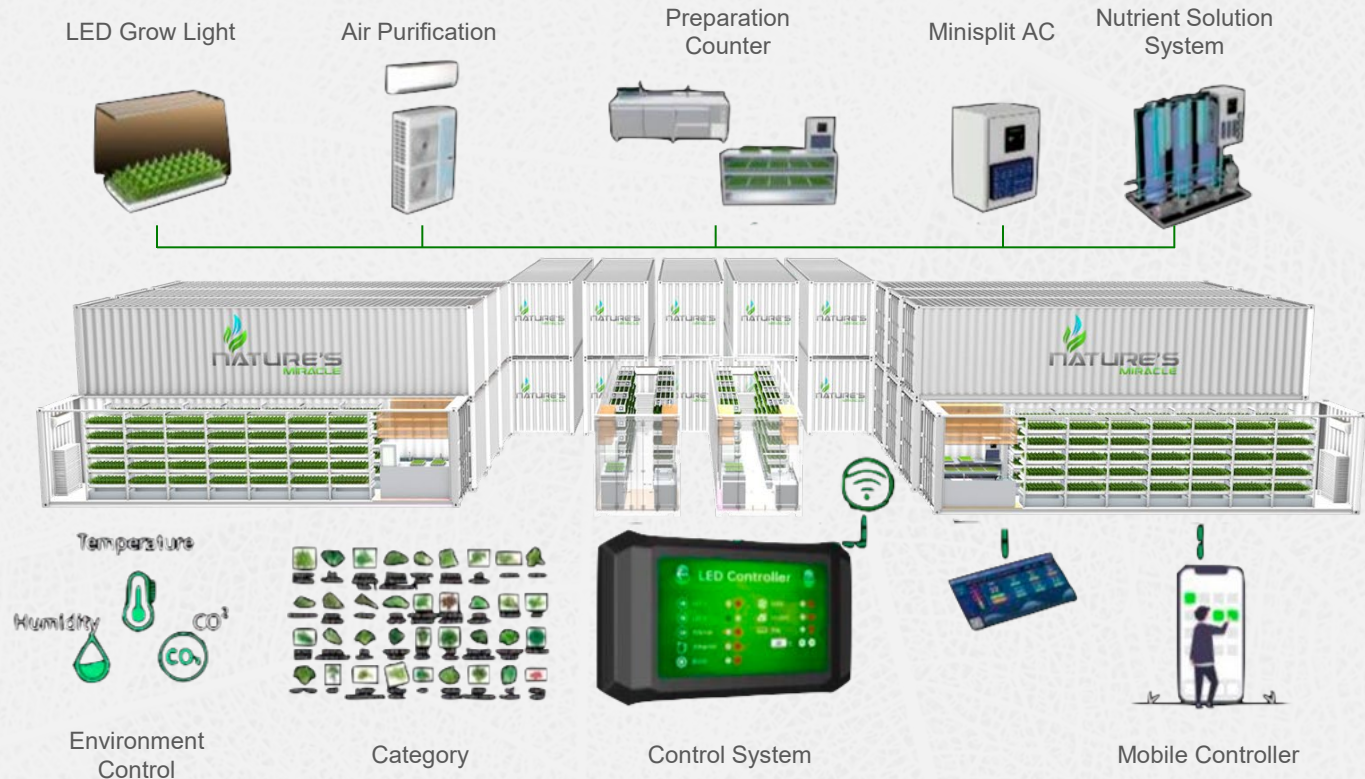


The container system leverages **efficiency in all of its components** that dramatically reduces energy consumption.

## All-in-one Open IoT Platform

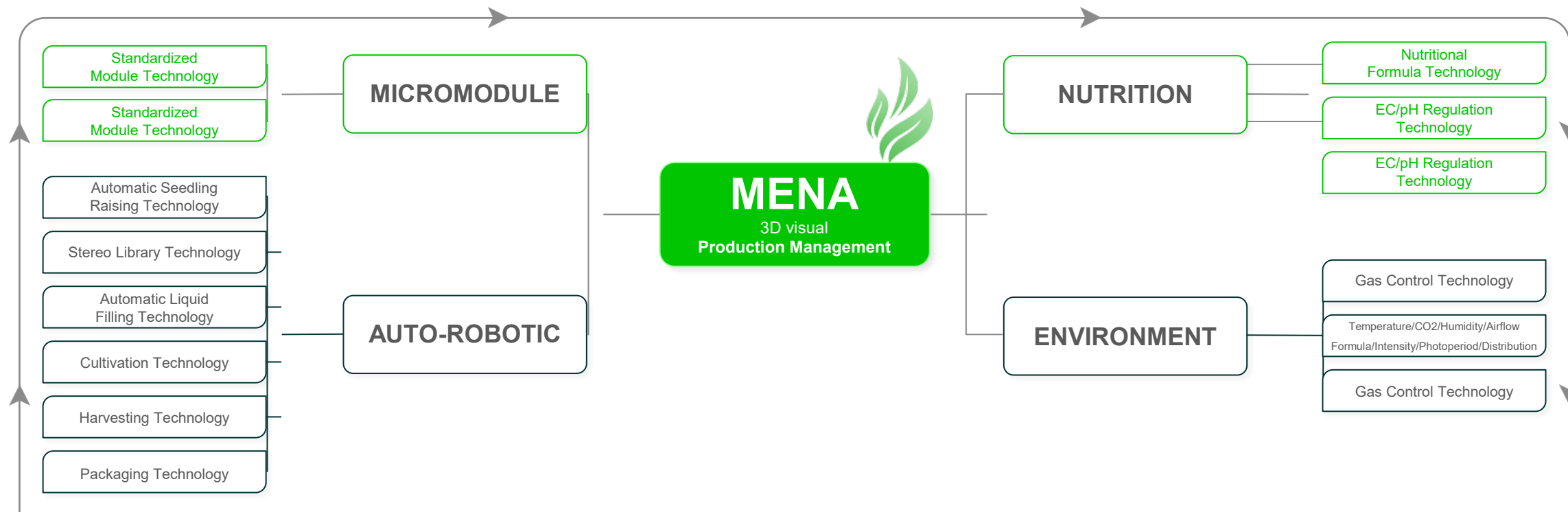


Container farms take advantage of **open IoT platforms** for the integration of smart farming technologies. It also supports external program integration.



# Micro Module Plant Factory

## Self-Developed Core Technology System



**Order Management**

**Production Scheduling**

**Material Management**

# MENA FARM

**Marketing Management**

**Logistics Management**

**After Sales Management**

# Micro Module Plant Factory

The groundbreaking **Micro Module Plant Factory** technology revolutionizes plant cultivation by employing patented micro module grow boxes, precise nutrient distribution, modular lighting and airflow systems. This innovation delivers an agile and advanced plant growth system, offering independent disassembly and assembly of modules for heightened flexibility, efficiency and scalability.'

Compared with conventional plant factories, the advantages of this system include:



**Reduced Investment Costs for the System** – Accelerates ROI



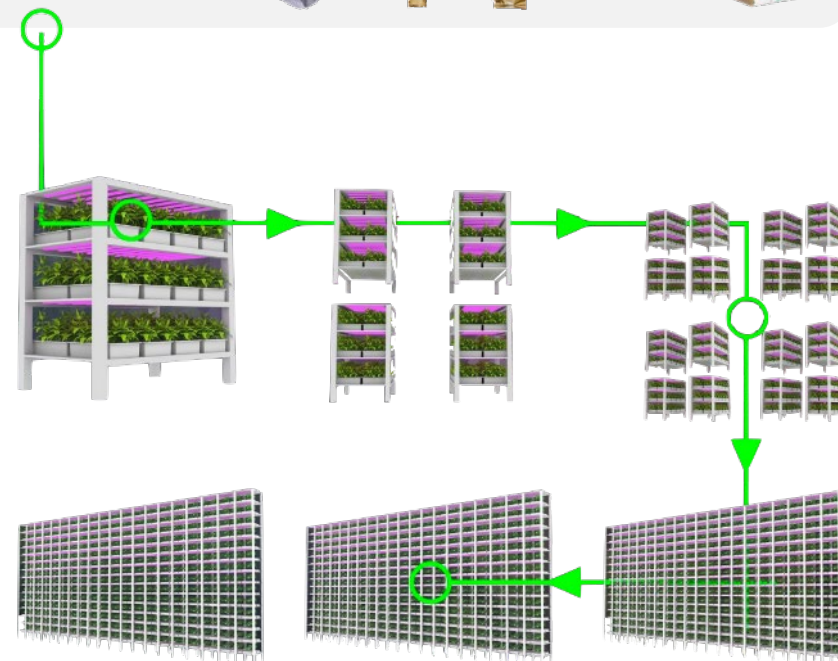
**Highly Efficient** - Zero Residual Water and Fertilizer Waste



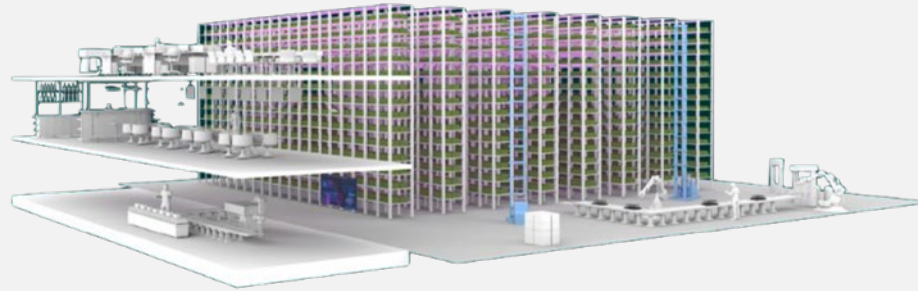
**Flexible Plant Production Scheduling**



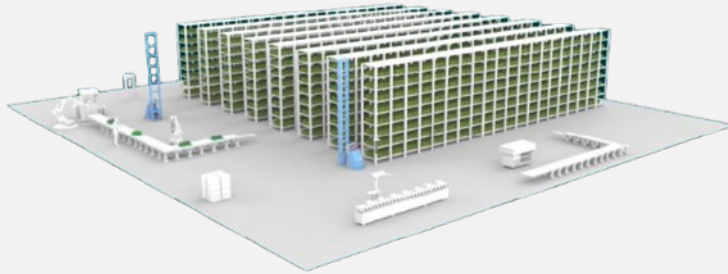
**Multiple Crops Can Be Grown at the Same Time**



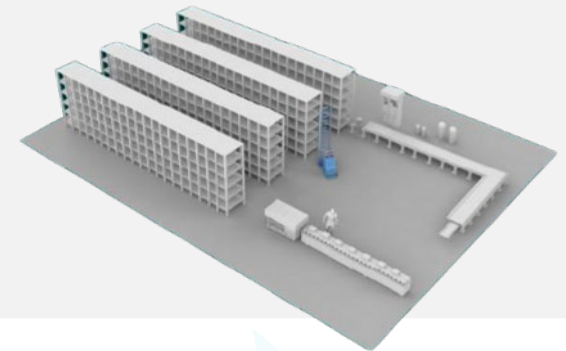
Large-Plant Factory



Medium-Plant  
Factory

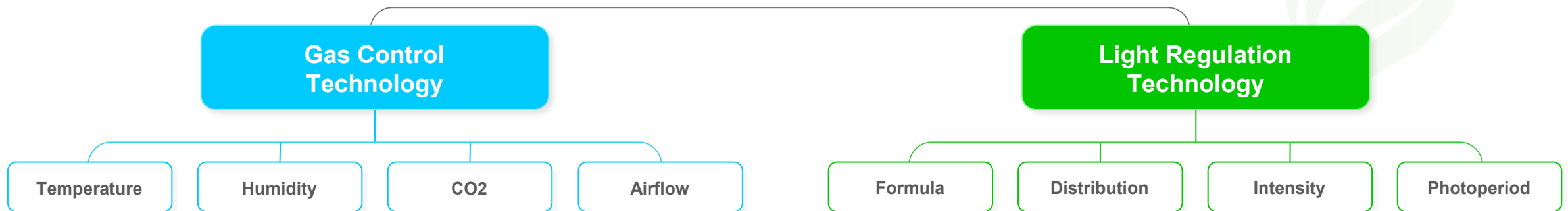


Small-Plant Factory

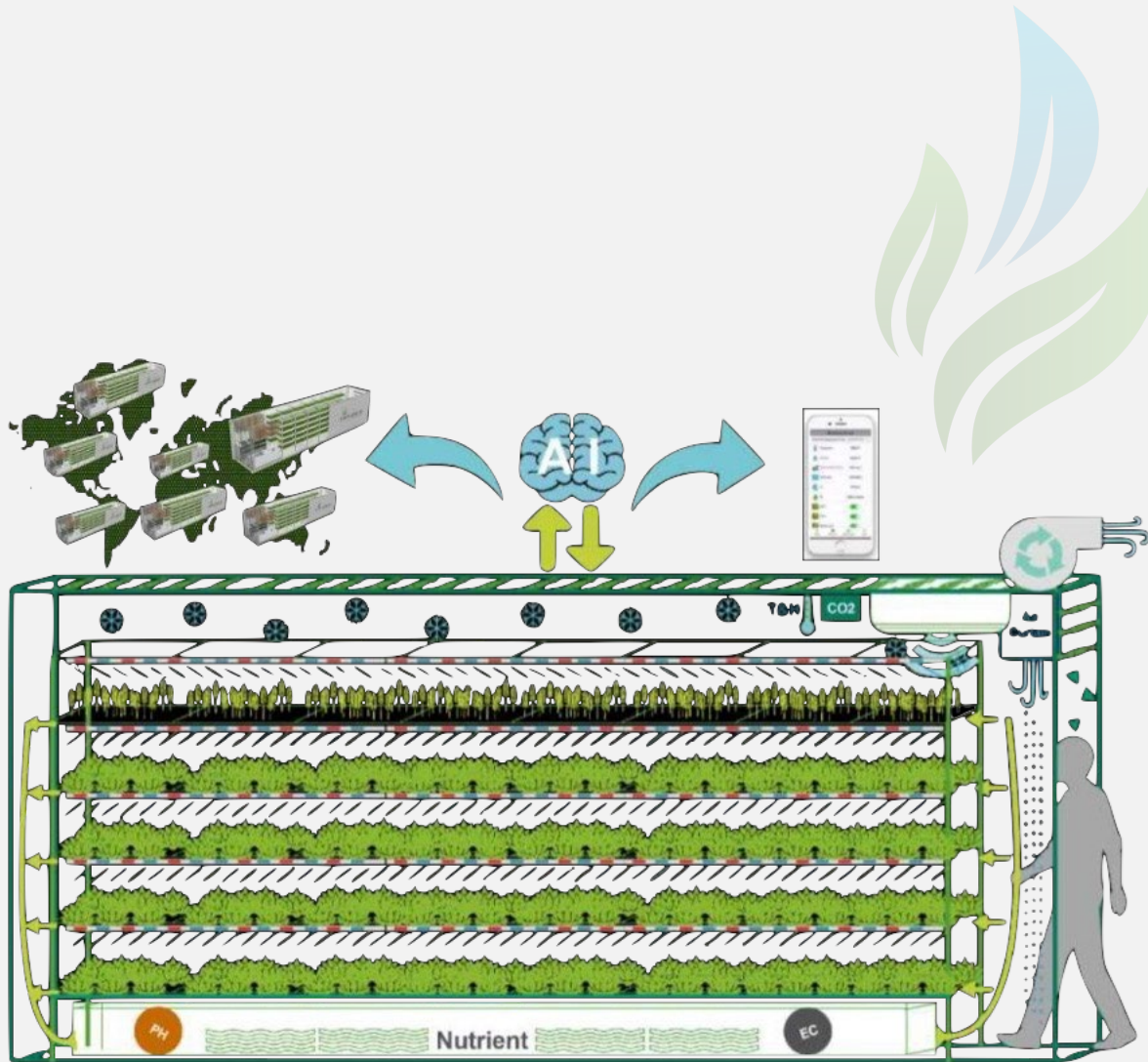


# Micro Module Plant Factory

## ENVIRONMENTAL DIGITAL CONTROL SYSTEM



# Micro Module Plant Factory



## DIGITAL NUTRITION SYSTEM

Nutritional  
Formula Technology

EC/pH Regulation  
Technology

Irrigation Water Oxygen  
Enrichment Technology

# Micro Module Plant Factory



## AUTO-ROBOTIC SYSTEM

Automatic Seedling Raising Technology

Stereo Library Technology

Automatic Fertilizer Irrigation Technology

Cultivation Techniques

Harvesting Technology

Packaging Technology



# Management Team



**Tie "James" Li**  
**Chairman & CEO**

James is the founder, chairman and CEO of Nature's Miracle. Previously, he was co-founder and CEO of China Hydroelectric Corporation which went public on NYSE in 2010 with a \$1 billion market cap and was the largest small hydroelectric power company in China. James started his career with Citigroup in the investment banking unit in New York city in 1998 and worked at HVB Group, Standard & Poor's. James Li graduated from Columbia Business School in New York with an MBA in 1998. He completed his B.S. in accounting from Brooklyn College. He was a CFA and a CPA



**Zhiyi "Jonathan" Zhang**  
**President**

Jonathan is the president of Nature's Miracle and the founder of Visiontech, a Nature's Miracle company. He has extensive contacts and a working relationship within the indoor growing community in North America. He also has over twenty years of experience in the lighting industry. Over the last ten years, he has built Visiontech and its associated brand "efinity".



**George Yutuc**  
**Chief Financial Officer**

George has over 25 years of CFO and controller experience in manufacturing, outsourcing and distribution companies including at Karat Packaging, a pre-IPO company valued at \$400 million. George started his career as an auditor for Big 4 CPA firms Arthur Andersen & Co. and Deloitte & Touche. He has served as an adjunct instructor at the University of California, Los Angeles (UCLA) teaching Business Acquisitions and Finance. He holds a B.A. in Economics/Business and an MBA from UCLA.



**Vic Doudakian**  
**Vice President**

Vic is currently the Vice President of Nature's Miracle, as a seasoned professional with over twenty years of experience in the agricultural industry. Previously, Vic led the sales team for North American sales and has been responsible for the strategic direction, vision, growth, and performance of the premier grow light brand "Efinity".



**Kirk Collins**  
**Director of Sales**

Kirk is currently the director of sales at Nature's Miracle, with over 10+ years of experience in the CEA space. He started out as Vice President of sales at NextLight LED, and he was most recently Major Accounts Sales Manager for Anden, one of the largest dehumidification suppliers in the country. Kirk is an Ohio native and a graduate from the University of Cincinnati.

# Board of Directors

## Tie “James” Li Chairman

James is the founder, chairman and CEO of Nature’s Miracle. Previously, he was co-founder and CEO of China Hydroelectric Corporation which went public on NYSE in 2010 with a \$1 billion market cap and was the largest small hydroelectric power company in China. James started his career with Citigroup in the investment banking unit in New York city in 1998 and worked at HVB Group, Standard & Poor’s. James Li graduated from Columbia Business School in New York with an MBA in 1998. He completed his B.S. in accounting from Brooklyn College. He was a CFA and a CPA.

## Zhiyi “Jonathan” Zhang Director

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## Charles Jourdan Hausman Director

Mr. Hausman is the CEO of K. Mizra, LLC (the “K.Mizra”) which he founded in 2019. Since its founding, K. Mizra has focused on acquiring high-value, high-quality patents with a global reach. Prior to forming K. Mizra, Mr. Hausman specialized in IP enforcement and monetization at a number of companies. Beginning at the Recording Industry Association of America, Mr. Hausman was Deputy Director at the Motion Picture Association of America (MPAA) where he further expanded the intellectual property rights of movie studios. Following the MPAA, Mr. Hausman worked at Philips Intellectual Property and Standards Group. Following his time at Philips, Mr. Hausman worked as a worldwide program manager for a Pool licensing consortium known as One-Red. Following One-Red, Mr. Hausman worked for a Non-Practicing Entity known as Sisvel Group. At Sisvel Group, Mr. Hausman served as President of US operations. Mr. Hausman oversaw the administration of multiple litigations and licensing programs while at Sisvel Group. Mr. Hausman graduated with a Bachelor of Science in Management from Tulane University, A.B. Freeman School of Business and a Juris Doctor from Southwestern University School of Law. He is admitted to California Bar Association in 1996.

## H. David Sherman MBA, DBA, CPA, Director

Was the director of Lakeshore Acquisition II since March 2022. He had also served as a member of the board of directors of Lakeshore Acquisition I Corp. (Nasdaq: LAAA) since June 2021 until its merger closing with ProSomnus Inc. (Nasdaq: OSA) on December 6, 2022. Since 1985, Dr. Sherman has been a professor at Northeastern University, specializing in, among other areas, financial and management accounting, global financial statement analysis and contemporary accounting issues. Since January 2014, Professor Sherman has served as Trustee and Chair of the Finance Committee for the American Academy of Dramatic Arts, the oldest English language acting school in the world. Since July 2010, he has also served as a Board member and Treasurer for D-Tree International, a non-profit organization that develops and supports electronic clinical protocols to enable health care workers worldwide to deliver high quality care. Since September 2019, Dr. Sherman has served as an independent board member for Newborn Acquisition Corp. (NASDAQ: NBAC). Dr. Sherman previously served on the board and as audit committee chair for Dunxin Financial Holdings Ltd. (AMEX:DXF), a financial service company, Kingold Jewelry Inc. (NASDAQ: KGJI), a designer and manufacturer of gold jewelry related products, China HGS Real Estate Inc. (NASDAQ: HGSH), a real estate company, Agfeed Corporation, a manufacturing company of agricultural products, and China Growth Alliance, Ltd., a business acquisition company formed to acquire an operating business in China. Dr. Sherman was previously on the faculty of the Sloan School of Management at Massachusetts Institute of Technology (MIT) and also, among other academic appointments, held an adjunct professorship at Tufts Medical School and was a visiting professor at Harvard Business School (2015). From 2004 to 2005.

## Jon M. Montgomery Director

Was the director of Lakeshore Acquisition II since March 2022. Mr. Montgomery is managing director at Meredith Financial Group Inc., a financial management and advisory firm located in New York City. He has served as an independent director of Nuvve Holding Corp. (NVVE.NASDAQ) since March 19, 2021. From 2010 to 2014, he was managing partner at project finance advisory firm AGlobal Partners LLC where he assisted in arranging long-term, limited-recourse financing for private investments in renewable energy, telecommunications, mining & metals, PPPs, and other infrastructure projects in emerging and other international markets. He also advised clients on foreign direct investments, including those utilizing development finance institutions, export credit agencies, and political risk insurers. In addition, Mr. Montgomery has more than 25 years of marketing consulting and market research experience, informing and guiding clients’ branding, communications, segmentation and innovation challenges across a range of industries, particularly in the information technology, telecommunications, financial services, CPG, pharmaceutical, and retail sectors. He is experienced in applying model-based quantitative analysis, particularly choice-based modeling, to solving competitive problems. Previously, from 1996 to 2010, Mr. Montgomery co-founded Hudson Group Inc. in New York, a research-based marketing consultancy. He also held prior positions as executive vice president at Marketing Strategy & Planning Inc./Synovate, and vice president at Hase Schannen Research Associates Inc. Mr. Montgomery holds a M.B.A. from Northeastern University and a B.A. from the University of California, Berkeley. Since 2000 he has been Adjunct Faculty in Marketing at the University of Georgia. We believe Mr. Montgomery is well-qualified to serve as a member of the board due to his investment banking, structuring and strategic expertise, his contacts in emerging and other international markets and his extensive experience in marketing and market research.



# Contact :

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