

SUNON®

Solving Heat for Systems Globally

SINCE 1980

Air Cooling to Liquid Cooling

Solve System Heat & Building Ventilation



ABOUT SUNON

Eco-friendly thermal design, products, and services that assist with technology upgrades and energy savings.

Established



1980

Employees



8,420

Factories



5

Revenue



NTD 14.6 Billion
USD 446M

Three Core Business



LTA & LTL CDU Development

Liquid Cooling



Coldplate



Consumer Closed Loop

Air Cooling



Air Cooling Thermal Modules

Air Cooling



133mm - 630mm



254mm - 910mm

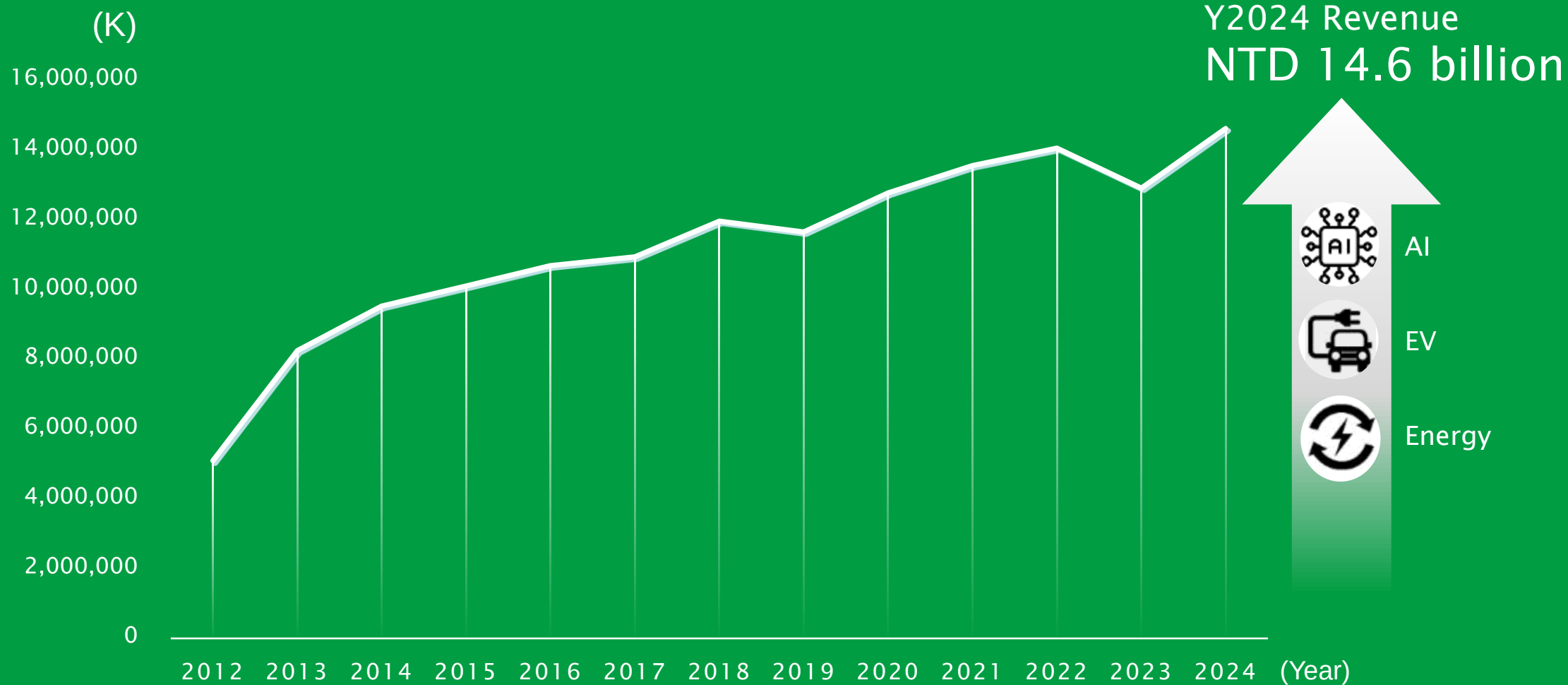
Liquid Cooling

Building Ventilation

Building Ventilation



1.3m~7.3m



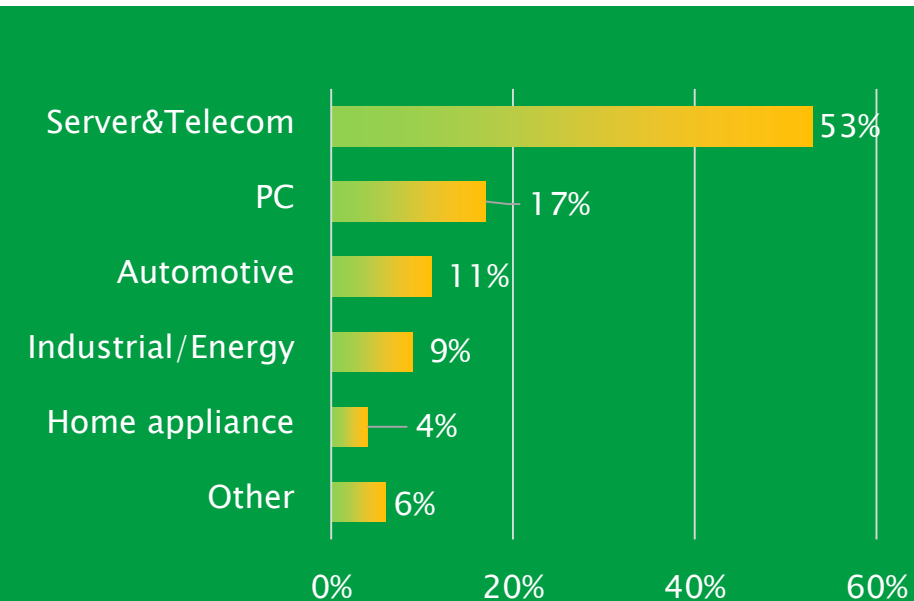
SUNON Offers the Best Thermal Solutions for Cutting-edge Technology across Generations,
Resulting in Superior Business Performance.

PC → NB → 4G/5G Telecom → Date Center & Server → PVI & ESS → EV → AI

Driving innovation

SUNON Thermal Design Everywhere

Driving innovation



5G Base Station



Server / Telecom



EV



Green Energy



PC



Industrial



Home Appliance



Medical



HVACR



AQI



Residential Ventilation

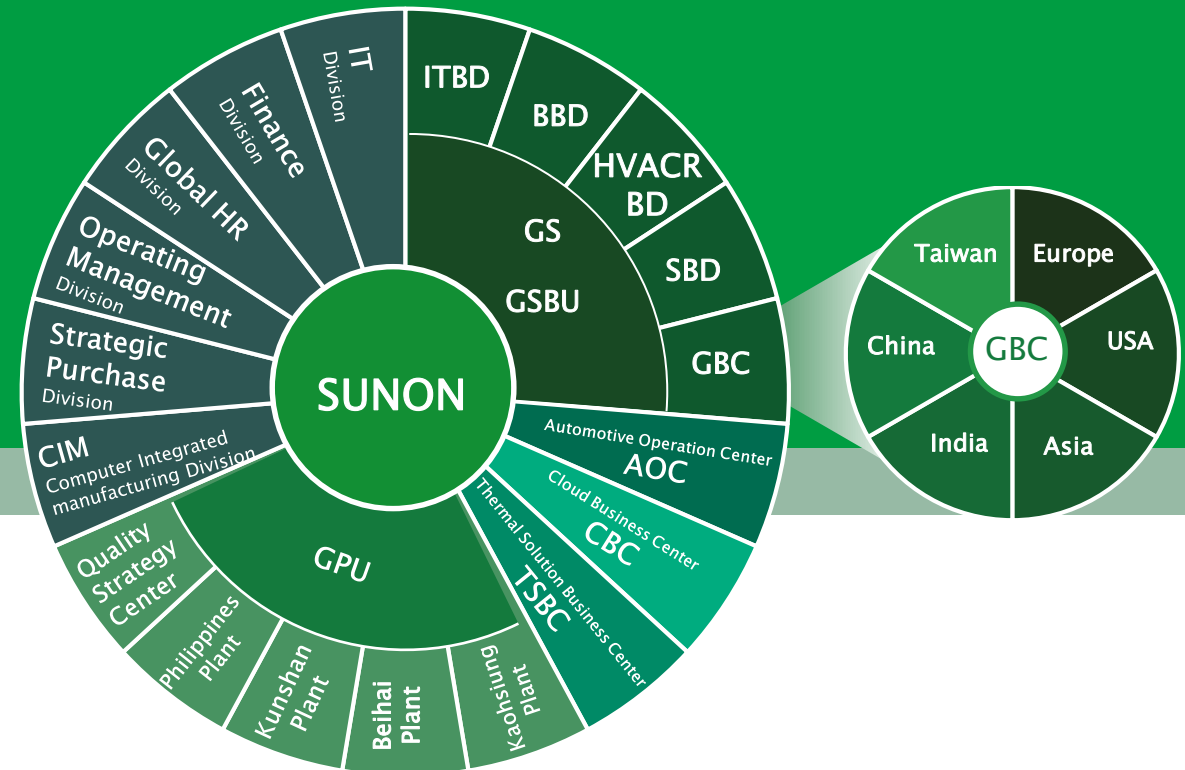


Commercial Ventilation

Independent, yet Interconnected

SUNON is organized into sections that extend from its headquarters to all of its branches worldwide. From product development to marketing, we all share the same aim and work together professionally. This allows us to interact freely and deliver culturally appropriate responses at all times.

Concentrically
Collaborative Organization



45 YEARS

Focusing on Green
Motor R&D and
Innovation

3400+

Number of Patents
Globally

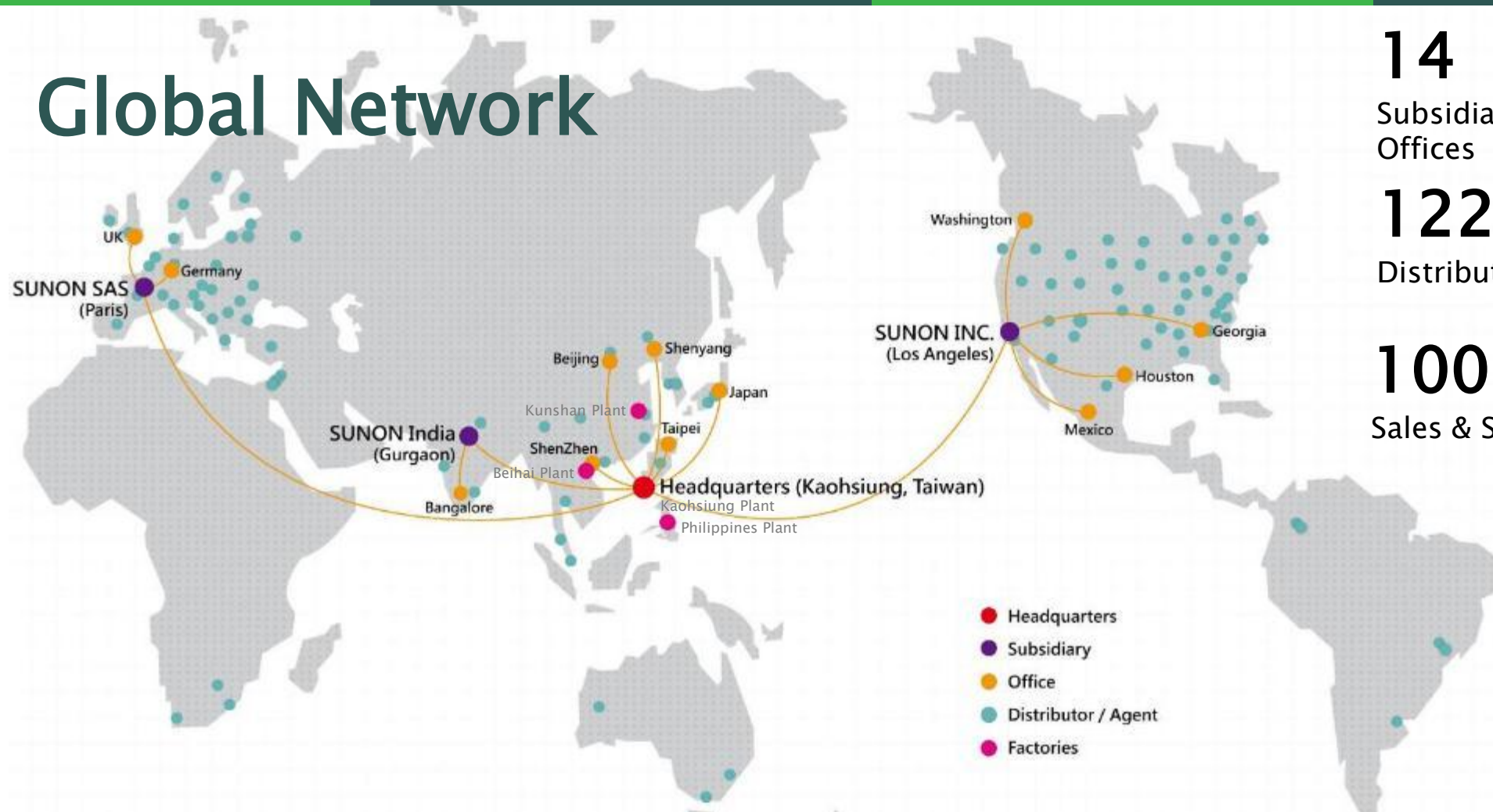
4

Product Reliability
Evaluation Labs

1000+

Global Sales Service Sites
Designated Product for
International Brands

Global Network



14

Subsidiaries &
Offices

122

Distributors & Agents

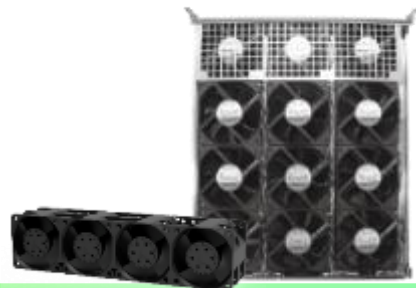
1000+

Sales & Service sites

SUNON Total Thermal Solutions, One-stop Service



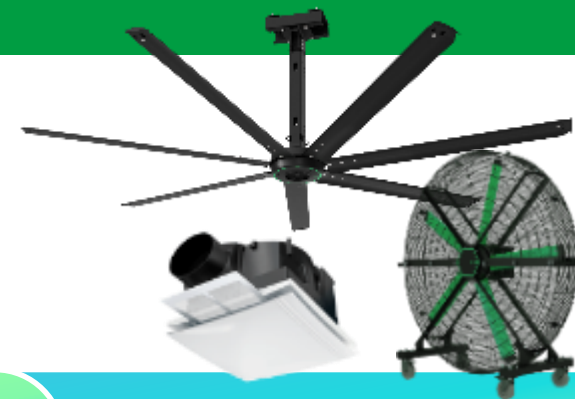
Compact Fans



Fan Tray



Large-size Fans



Building Ventilation Fans



Air Cooling Thermal Modules



Coldplate



Consumer Closed Loop



LTA & LTL CDU
(Development)



OCP
GLOBAL
SUMMIT

OCT 15-17, 2024
SAN JOSE, CA

Data Center Liquid Cooling Solutions

In-Row LTA CDU Design & Development



Ultra-XG series Dual Fans for Nvidia GB200 AI Server



Up to 50% Thermal Efficiency | Static Pressure



OCP
GLOBAL
SUMMIT

OCT 15-17, 2024
SAN JOSE, CA

Patented Control Technology
Excellent Thermal Efficiency



SUNON

Green-EC Axial Fan

Green-EC Centrifugal Fan



SUNON®

SUNON 2025 Green EC Fan Series



GREEN EC

Φ 100Vac
Φ 220Vac
170W max.

Φ 220Vac
230W max.

Φ 220Vac
Φ 380Vac
1kW max.

Φ 380Vac
3kW max.

Φ 380Vac
6kW max.

Axial Fan



Ø254mm



Ø330mm



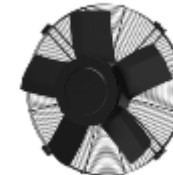
Ø400mm



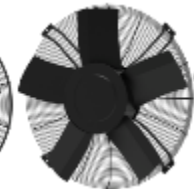
Ø500mm



Ø630mm



Ø710mm



Ø800mm



Ø910mm

Metal Housing / Plastic Impeller

Centrifugal Fan



Ø133mm



Ø190mm



Ø225mm

Plastic



Ø310mm



Ø355mm



Ø400mm



Ø500mm



Ø630mm



Ø500mm



Ø560mm

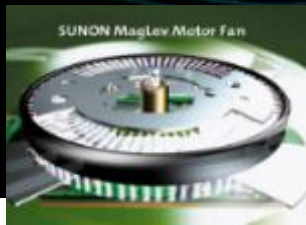


Ø630mm

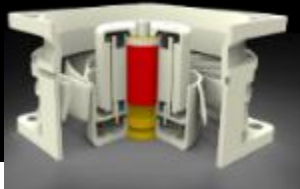
Metal Housing / Metal Impeller

The Best Solutions with Patented Technology

MagLev
Motor
System



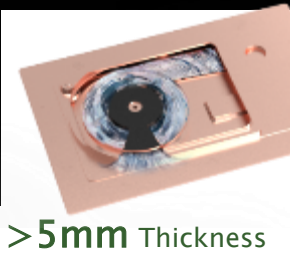
AntiVib
Motor
Structure



Ultra-thin
Motor



Ultra-slim
Water
pump



Bionic
Blade
Design



Highly
Efficient
Motor



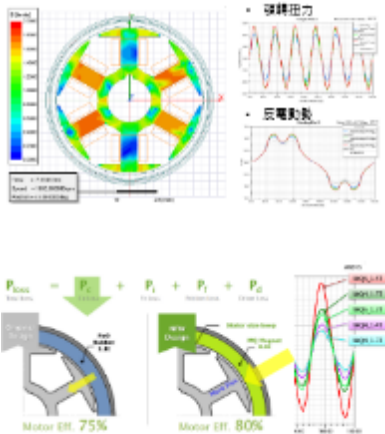
Ultra-
silent
Sound
Engineering



Precise Simulation Analysis

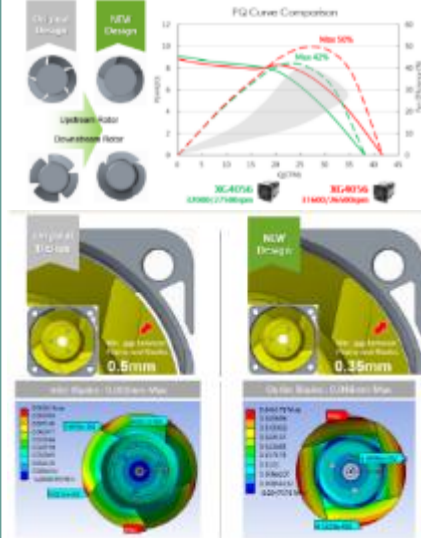
1

Motor Performance
Research



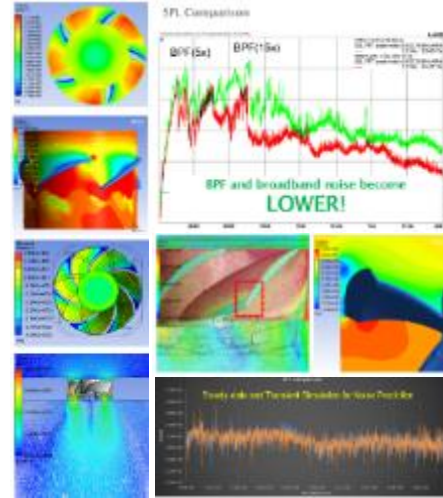
2

Blades Efficiency
Research



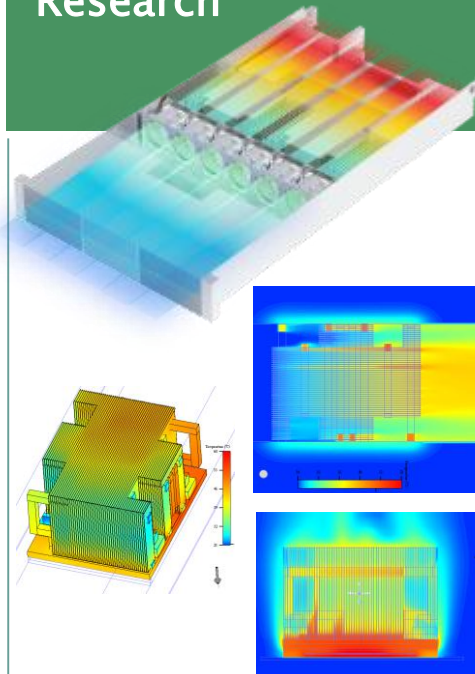
3

Aero Acoustic
Research



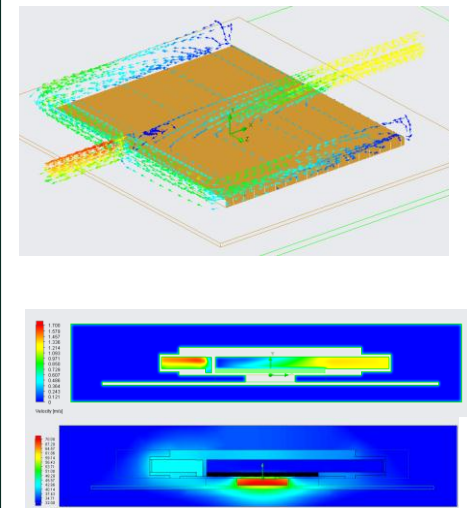
4

Heat Transfer
Research

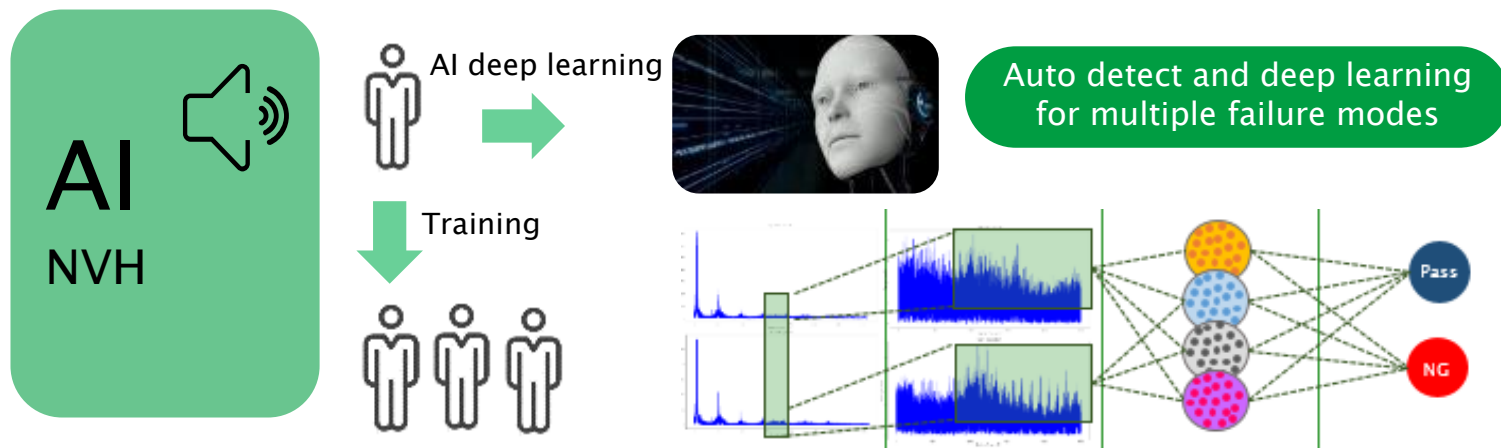


5

Fluid Dynamic
Analysis



Automated Manufacturing



Sufficient Capability

5 Established Production Bases

Fans 18.2M pcs/mth

Cooling Modules 1.18M pcs/mth



Beihai, Guangxi
(A Building 、 B Building)
Fans 7.2M pcs/month



Bataan, Philippines
2.8 M pcs/month
180 K set/month(CM)



Kaohsiung, Taiwan
700K pcs /month



Beihai, Guangxi
(C Building)
Fans 2.5M pcs/month



Kunshan, Jiangsu
5 M pcs/month(FAN)
1M set/month(CM)



New Factory
Huizhou, Guangdong
Under construction

2.4K/Mo 80K/Mo

► LC Module ► AC Module

Quality Management System

- ISO 9001 certified
- ISO 14001 certified
- ISO 45001 certified
- IATF16949 certified
- IECQ QC080000 HSPM certified
- ISO 27001 certified
- ISO 150001 certified
- Conduct GHGs inventory every year and examined by a third party.
- RBA compliance
- Product Safety certified



Net Zero

Carbon Reduction

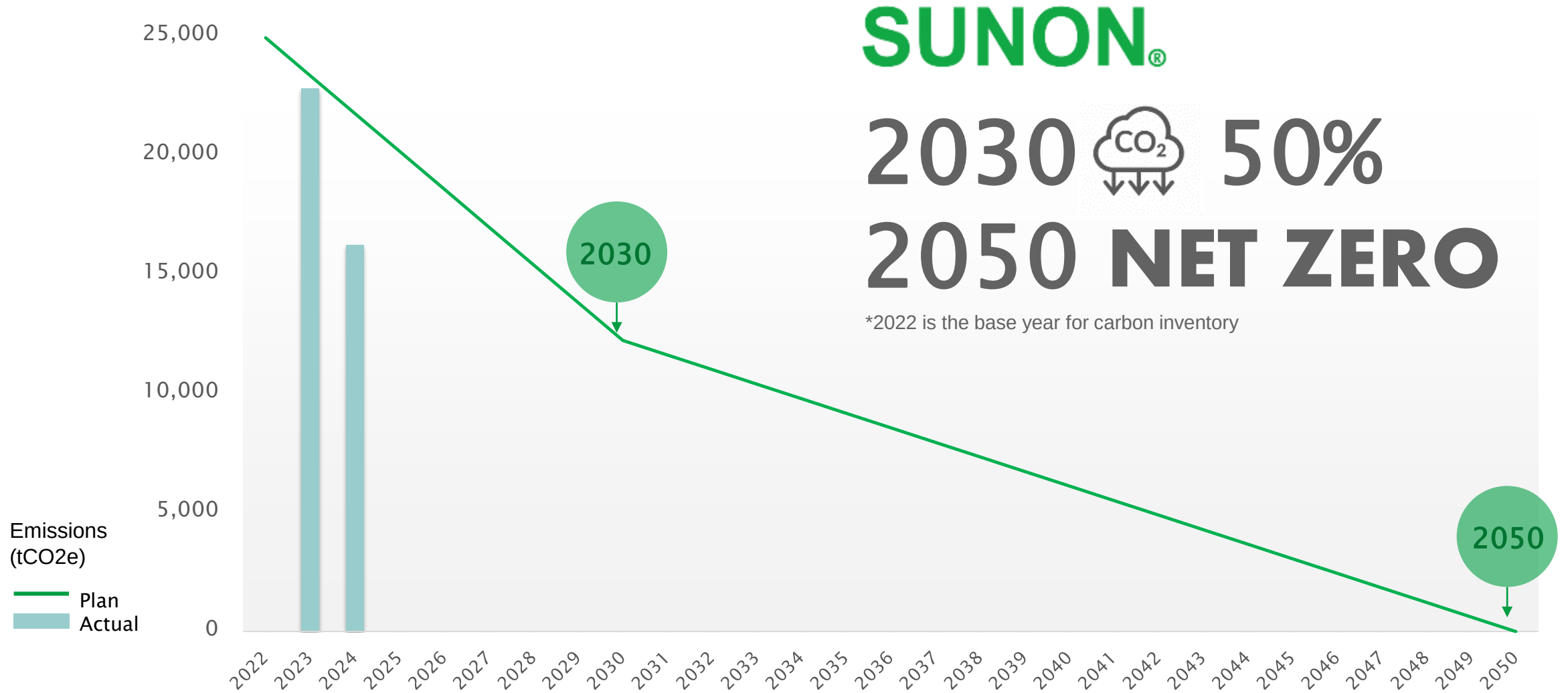
SUNON®

2030  50%

2050 NET ZERO



SUNON Net Zero Plan



Life Below Water
Sustain the Ocean, Sustain Us

OBP Cooling Fan / Blower

The frame and fan blades are made of OCEAN BOUND PLASTIC



SUNON®

SUNON Strengths

01



A Variety of Thermal Solutions

Air Cooling, Liquid Cooling, L2A Modules, L2L Modules, Ventilation Solutions

02



Farsighted Thermal Technology

Patented Motor, High-efficient Motor, Bionic Impeller, Slim Water Pump, Noise Cancellation Technique

03



Dedicated R&D Team

Specific RD, PM, and Production Dept. for Various Market Applications

04



Various Origins, Adequate Production Ability

Widely Distribute production bases to meet client shipment need

05



Service Team with Global Professionalism

Provide Products and Technological Services with Rapidity and Superiority.

06



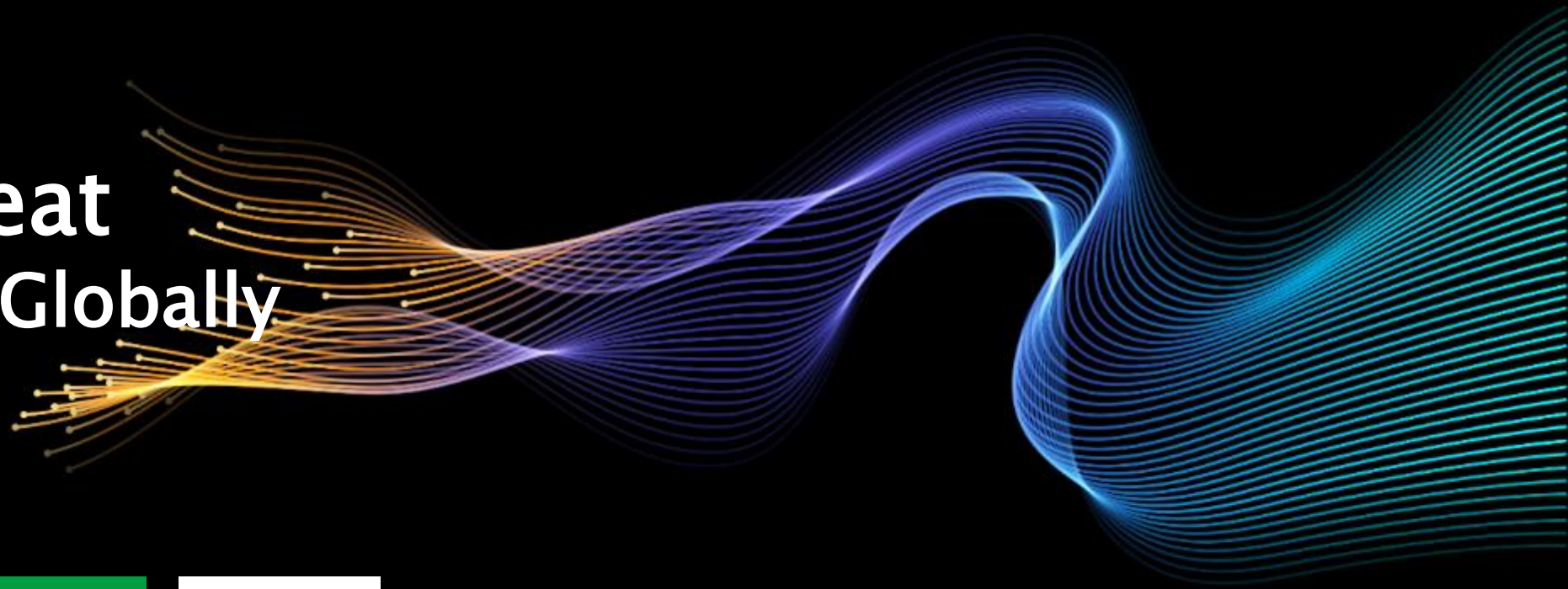
Put Sustainable Goals into Action

Focus on Sustainability, Implementing Net-zero Emission Plans

SUNON®

Solving Heat for Systems Globally

SINCE 1980



Thanks

for Your Attention !



www.sunon.com