

Fostering a better life

Limiting the temperature increase to 1.5 °C

Website: www.global.tica.com

Note: Due to constant improvement and innovation of TICA product, the specifications and parameters contained in this document are subject to change without prior notice.



Clean Air and Green Energy
System Supplier and Service Provider



ESG



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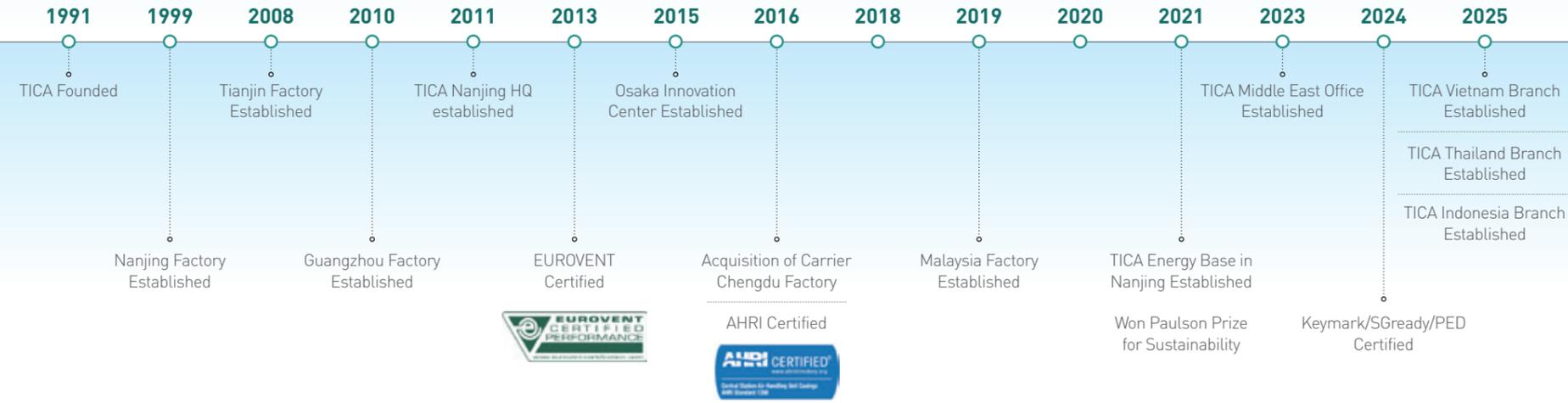
WHO WE ARE About TICA

Since 1991, TICA has fostered two business pillars as TICA Climate Solutions, offering energy-efficient clean air solutions, and TICA Energy, global leading company with full spectrum, high-efficiency ORC technology for power generation and biomethane production from organic waste. As a global leading system supplier and service provider of intelligent clean environment and green energy, TICA aims to elevate lives with a more sustainable future.

	2.5 Billion USD (2025 Revenue)		7000+ Global Employees
	1500+ Global R&D Engineers		200+ Laboratories
	120+ Sales and Service		Nearly 40 R&D and Manufacturing Bases

Since 1991

	Acquisition of SMARDT, Global NO.1 Oil-free Chillers company		Acquisition of the global 2nd largest ORC system provider in geothermal application, EXERGY of Italy.
	Acquisition of PureCycle ORC(low to medium temperature) power generation system from Pratt & Whitney, a subsidiary of UTC		Acquisition of global Biogas Energy Leader, SEBIGAS of Italy.



WHERE WE GO

1 Our Vision

Fostering a better life
Limiting the temperature
increase to 1.5 °C

2 Our Value

- Customer Success
- Commitment Fulfillment
- Innovative Mindset
- Quality Excellence
- Teamwork Collaboration

3 Our Success Factors

Quality Pillar
Rooted in the full process of actual application scenarios, controlling quality at every link, crafting TICA's unique high-quality management model to provide top-notch services.

Technology-Oriented
Taking "product supremacy, technological leadership, first-class quality, and exquisite industrial aesthetics" as guiding principles. Forging our outstanding competitiveness.

Solution Provider
Agilely adjusting strategies based on market demands, transitioning from being a sole equipment manufacturer to a comprehensive solution provider that caters to actual needs.

Customer Priority
Guided by the principles of being close to customers and responding swiftly, consistently prioritizing customer needs throughout the entire service process.

Corporate Sustainability
Addressing customers needs with value-added services, achieving long-term mutual success with stakeholders are paramount to our ongoing practices.

Globalization
Upholding an open globalization development strategy, deeply integrating localized global layouts, precisely serving the specific needs of stakeholders across different regions.

WHERE WE ARE

Global Layout

TICA HQ: Nanjing **SMARTD HQ:** Montreal
EXERGY HQ: Milan **SEBIGAS HQ:** Milan

8 TICA Manufacturing Factories
(Nanjing, Kuala Lumpur, Guangzhou, Tianjin, Chengdu)

2 EXERGY Factories (Milan, Izmir)

6 SMARTD Factories
(Montreal, Plattsburgh, Stuttgart, Melbourne, Guangzhou, Nanjing)

7 Innovation Centers
(Nanjing, Montreal, Stuttgart, Melbourne, Milan, Osaka, Lucerne)

120+ Global Sales & Service Network

Global Market

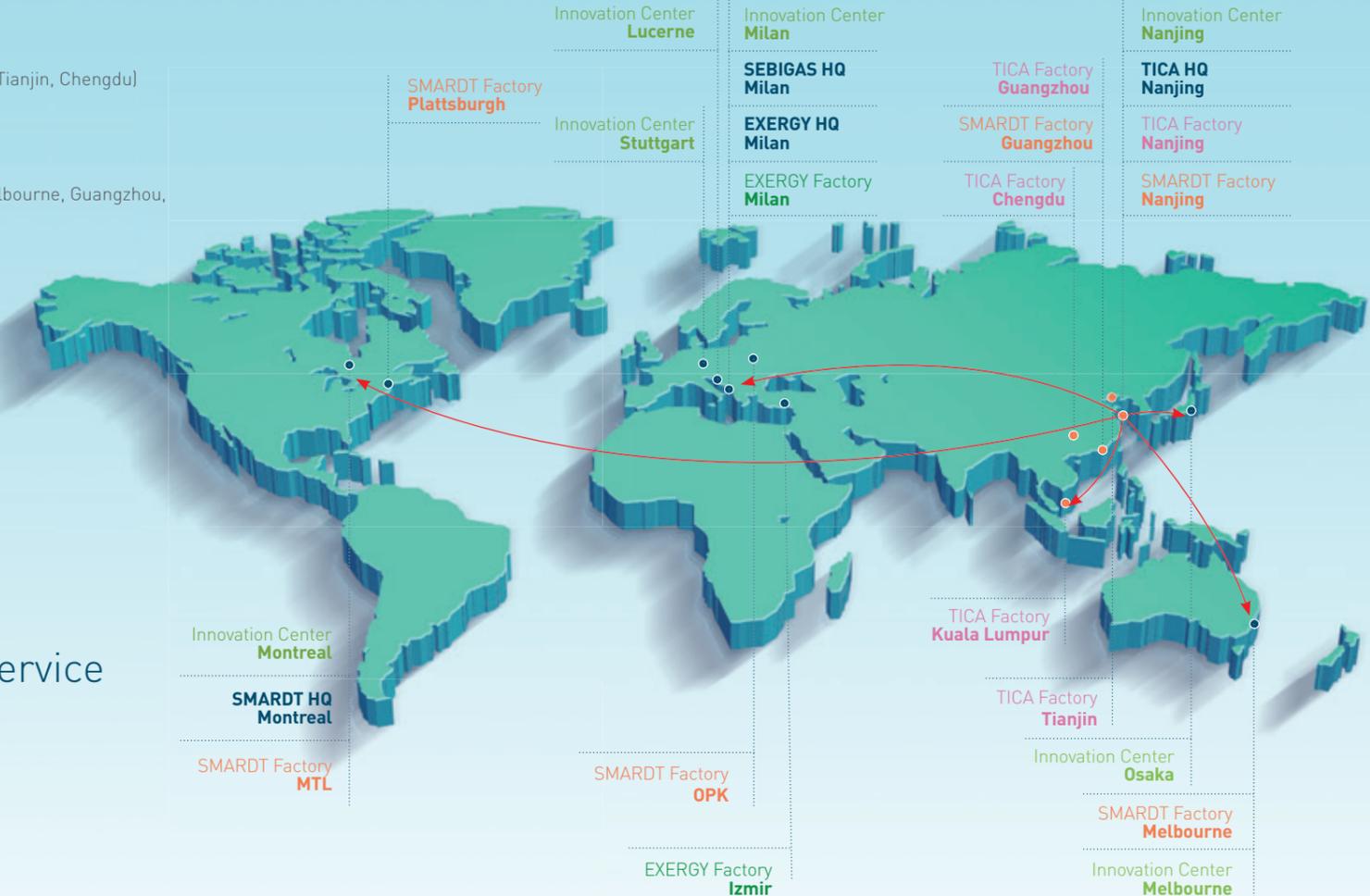
107 Countries

Global Aftersales Service

30+ Global Service Providers

17 Global Warehouse by 2025

TICA global footprint ensures seamless collaboration, adhering to uniform standards and service excellence. We meticulously tailor our offerings to the unique needs of each region, delivering high-quality, targeted services that resonate with local markets.



WHAT WE CAN

TICA boasts formidable global manufacturing prowess, with its 5 million square meter production capabilities supporting a futuristic and sustainable production system.



Digital Operation Sustainable Development Replicable Solution



Intelligent Manufacturing



Digital Factory



ESG Orientation

- Intelligent Manufacturing and Delivery
- Intelligent Quality Management
- Intelligent Warehouse and Transportation
- SCADA/EAM

- Data Interconnection and Interoperability
- Real-time Data Transmission
- Central Command System
- Plant Digital Twins

- Clean Energy
- Real-time Display of Carbon Emission Management
- Intelligent Fire Protection
- Safety and Risk Management & Control



WHAT WE CAN

Reliable global leading system supplier and service provider of intelligent clean environment and green energy.

International Certification



Laboratory

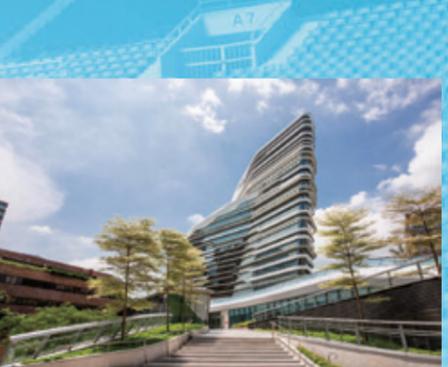
- 4000RT Water-Cooled Laboratory
- 600RT Air-Cooled Chiller Performance Test Stand
- 600KW(170000m³/h)Fanwall Laboratory
- R290 Heat Pump Explosion-proof Laboratory



WHAT WE CAN TICA CLIMATE SOLUTIONS

Landmark	New Energy	Microelectronics	Biopharmaceuticals	Medical & Testing	Data Center
Preferred Supplier for Renowned Landmarks	1000+ New Energy Companies	3000+ Semiconductor Factories	5000+ GMP Certified Biopharmaceutical Factories	7000+ Grade 3A&2A Hospitals	Preferred Supplier for Global Data Centers
					

TICA CLIMATE SOLUTIONS CUSTOMER

Beijing National Stadium	Sydney Opera House	The Hong Kong Polytechnic University	Debrecen, Hungary, Semcorp MWS
			
Dubai Address Hotel	Dubai Mirdif Hospital	Marriot Hotel Indonesia	SM Shopping Mall Philippines
			

WHAT WE CAN TICA CLIMATE SOLUTIONS



Air Handling Units

Modular Chiller

VRF

Rooftop

Fan Wall

Thin Fan Wall

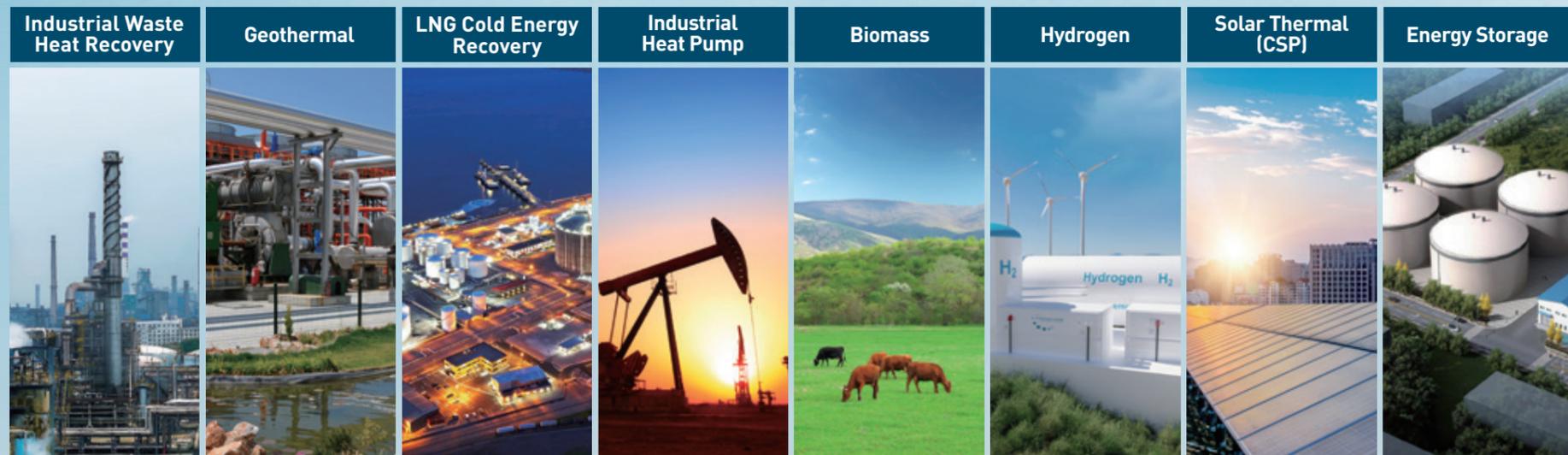
R290 Heat Pump

TICA AiNEXT
5 Constant Air Ecosystem

WHAT WE CAN TICA CLIMATE SOLUTIONS



WHAT WE CAN TICA ENERGY



Jinling Sinopec Industrial Waste Heat Power Generation Project

Sanfame Industrial Waste Heat Power Generation Project

Yangkou Port Jiangsu's First Geothermal Power Demonstration Project

Tongkun Group High-Temperature Heat Pump Project

Thessaloniki, Greece Biomass Power Project



Exergy Series

8000Nm³/h Hydrogen purification system

4000Nm³/h Gas-liquid separation system



PureCycle Series

TES Series

EPS Series

TST Series

HOW WE SUSTAIN

We support UN Sustainable Development Goals as Sustainability and ESG initiatives have to be top priority to a future-proof TICA.

Our Sustainability Strategic Framework guides us with the drivers needed to achieve our ambition to become the leader in Sustainability in our industry. It also serves our mission of advancing businesses and lives by shaping the way our world connects.



Contribute to the Global ESG for the benefits of both the industry & the society.



BMC Award



Paulson Award