

Fostering a better life

Limiting the temperature increase to 1.5 °C



Follow the Accounts of TICA to See More Solutions

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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 Billion USD
(2024 Revenue)



4500+
Global Employees



17
Factories



1100+
Global R&D Engineers



200+
Laboratories



87
Countries



100+
International Patents

Since 1991

SMARTD

Acquisition of SMARTD, Global NO.1 Oil-free Chillers company

PureCycle

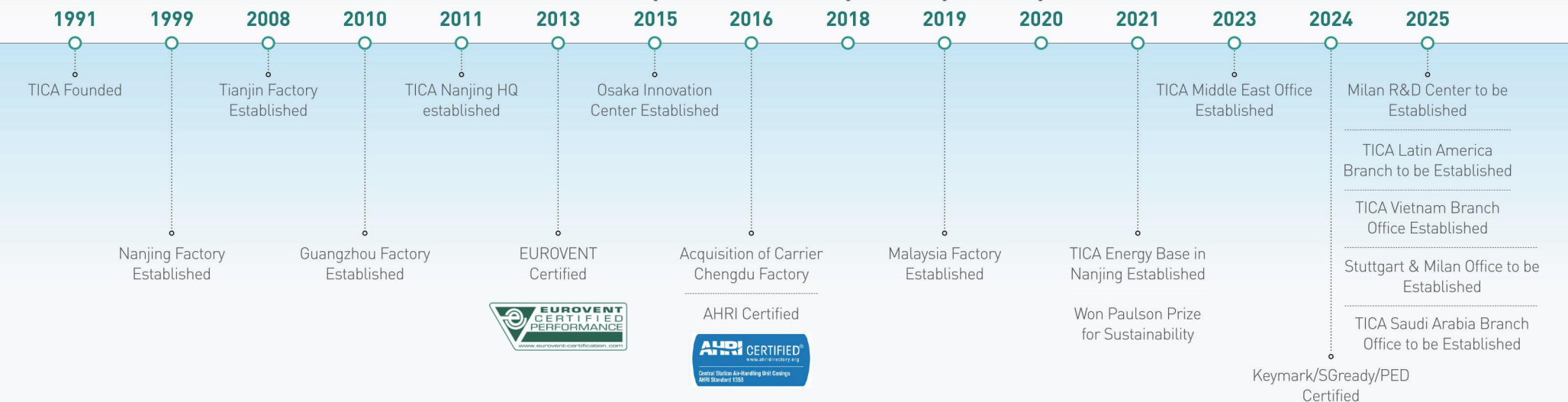
Acquisition of PureCycle ORC(low to medium temperature) power generation system from Pratt & Whitney, a subsidiary of UTC

EXERGY

Acquisition of the global 2nd largest ORC system provider in geothermal application, EXERGY of Italy.

SEBIGAS

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
EXERGY HQ: Milan
SMARTD HQ: Montreal
SEBIGAS HQ: Milan

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

2 EXERGY Factories (Milan, Izmir)

7 SMARTD Factories
(Montreal, Plattsburgh, Stuttgart, Melbourne, Guangzhou, Nanjing, Sao Paulo)

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

100⁺ Global Sales & Service Network

Global Market

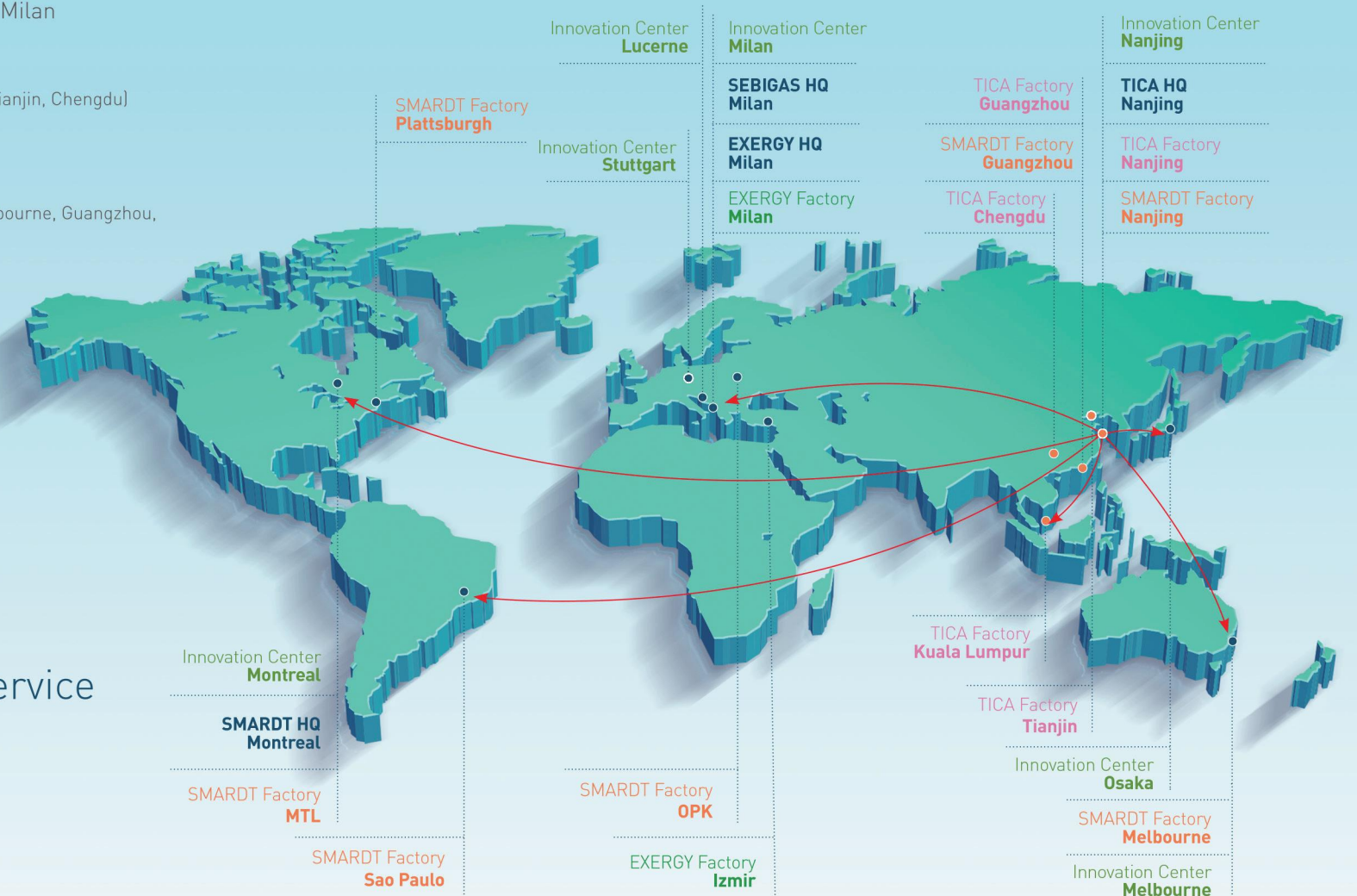
87 Countries

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

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



Digital Factory

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



ESG Orientation

- 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





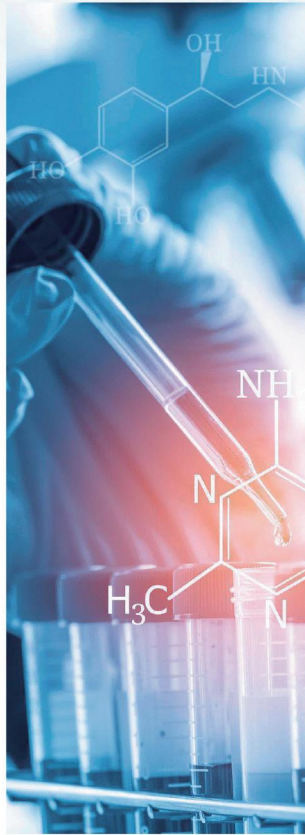
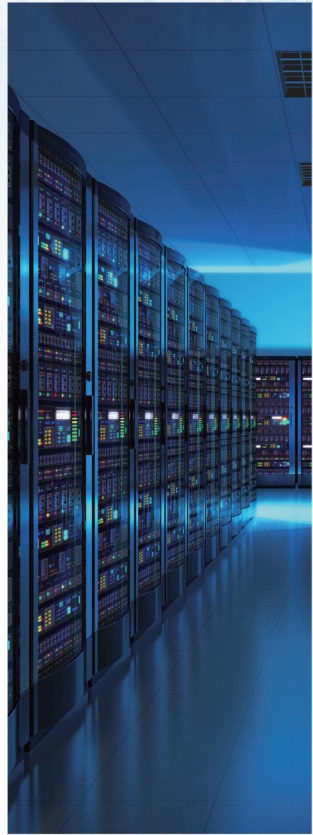


Laboratory

- 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



WHAT WE CAN TICA CLIMATE SOLUTIONS

Free Cooling Air-cooled Flooded Screw Chiller



High Efficiency Two Stage Direct Drive Inverter Centrifugal Chiller



reddot winner 2025

Integrated Evaporative Cooling Screw Chiller



V-Class Large Capacity Water-Cooled Chillers



T-Class Standard Capacity Water-Cooled Chillers

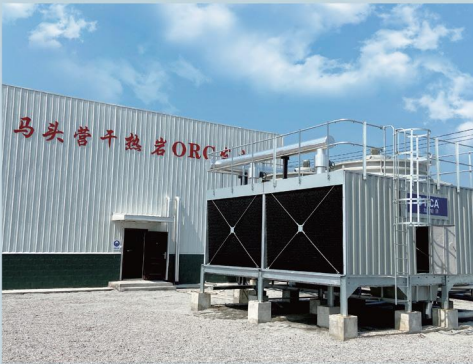
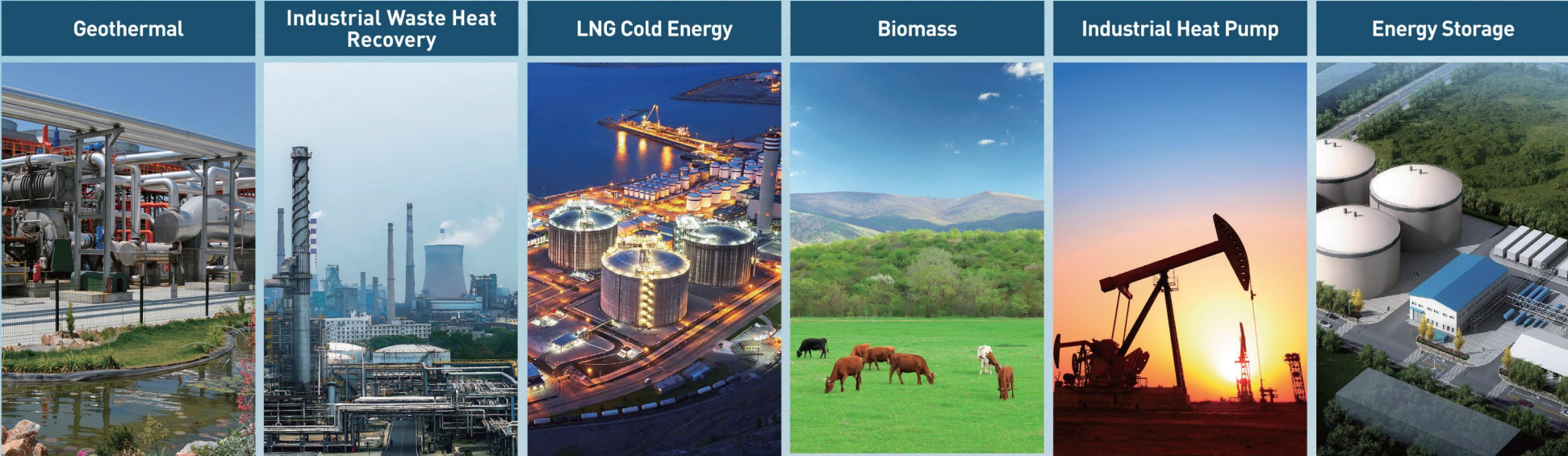


T-Class Air-Cooled Chillers

E-Class Evaporatively-Cooled Chillers



WHAT WE CAN TICA ENERGY



Hebei Tangshan Geothermal Dry Hot Rock Power Generation



Shanxi Datong Geothermal Power Generation



Geothermal Power Generation In Türkiye



Biomass Power Generation In Thessaloniki, Greece



PureCycle 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.

