

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.



2.5Billion USD

(2025 Revenue)



7000+

Global Employees



1500+

Global R&D Engineers



200+

Laboratories



120+

Sales and Service



Nearly 40

R&D and Manufacturing Bases

05

Since 1991

1991 TICA Founded

1999 Nanjing Factory Established

2008 Tianjin Factory Established

2010 Guangzhou Factory Established

2011 TICA Nanjing HQ established

2013 EUROVENT Certified

2015 Osaka Innovation Center Established

2016 Acquisition of Carrier Chengdu Factory

2018 AHRI Certified

2019 Malaysia Factory Established

2020 TICA Energy Base in Nanjing Established

2021 Won Paulson Prize for Sustainability

2023 TICA Middle East Office Established

2024 Keymark/SGready/PED Certified

2025 TICA Vietnam Branch Established

2026 TICA Thailand Branch Established

2026 TICA Indonesia Branch Established

Acquisitions:

- SMARTD** (2011): Acquisition of SMARTD, Global NO.1 Oil-free Chillers company
- PureCycle** (2015): Acquisition of PureCycle ORC(low to medium temperature) power generation system from Pratt & Whitney, a subsidiary of UTC
- EXERGY** (2019): Acquisition of EXERGY (Italy), the World's Second-Largest ORC System Provider for Geothermal Applications
- SEBIGAS** (2020): Acquisition of SEBIGAS (Italy), a Global Leader in Biogas Energy
- KLAS** (2021): Acquisition of KLAS (Turkey), a Leading HVAC Company

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, Phoenix)

1 KLAS Factory(Izmir)

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.



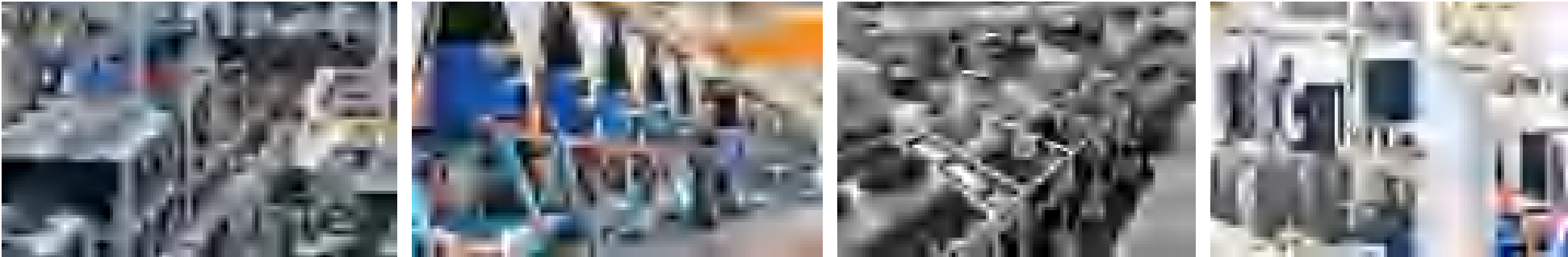
Digital Operation
Sustainable Development
Replicable Solution

 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

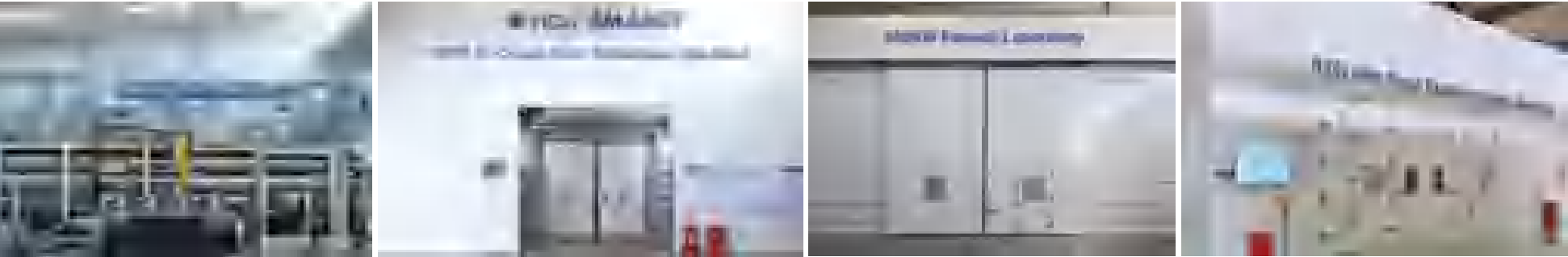
Reliable global leading system supplier and service provider of intelligent clean environment and green energy.

International Certification

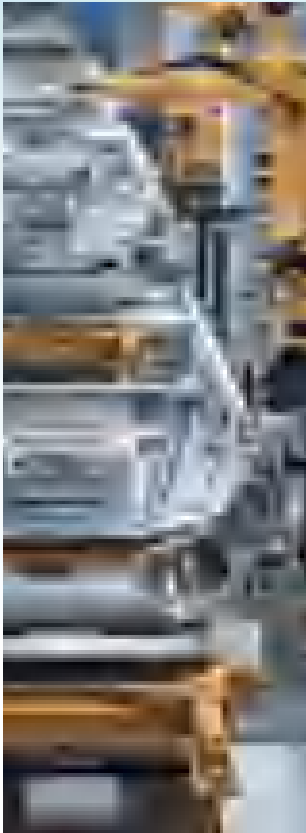
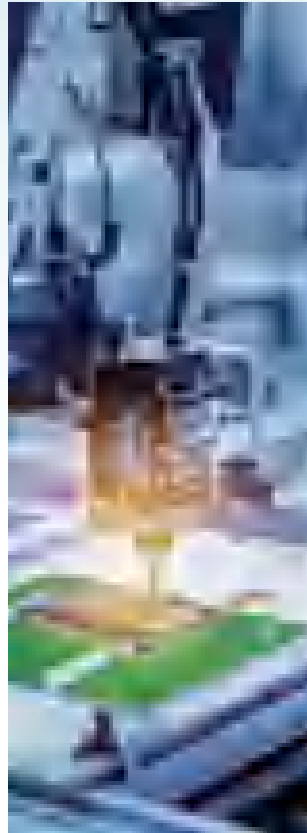
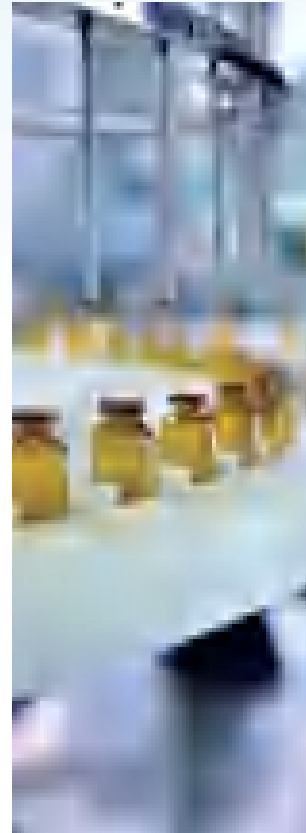
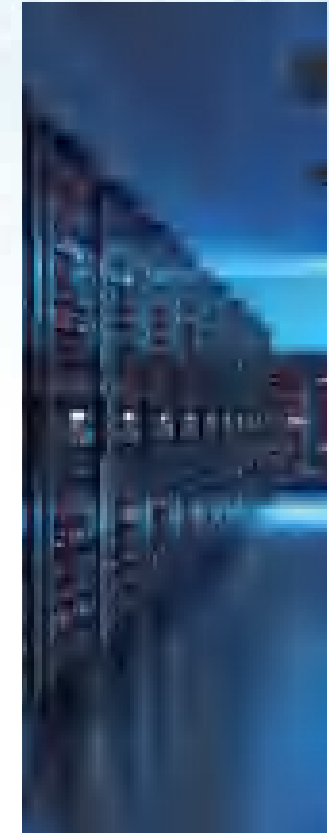


Laboratory

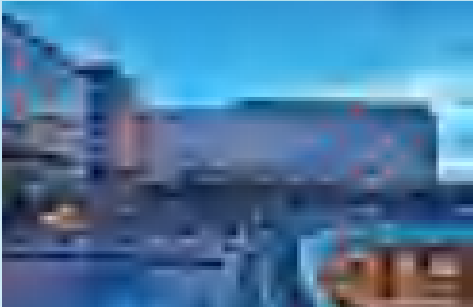
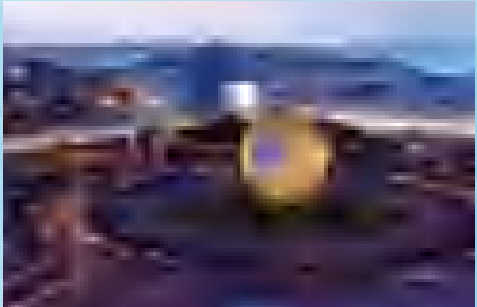
- 4000RT Water-Cooled Laboratory
- 600RT Air-Cooled Chiller Performance Test Stand
- 600KW(170000m³/h)Fanwall Laboratory
- R290 Heat Pump Explosion-proof Laboratory



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
					

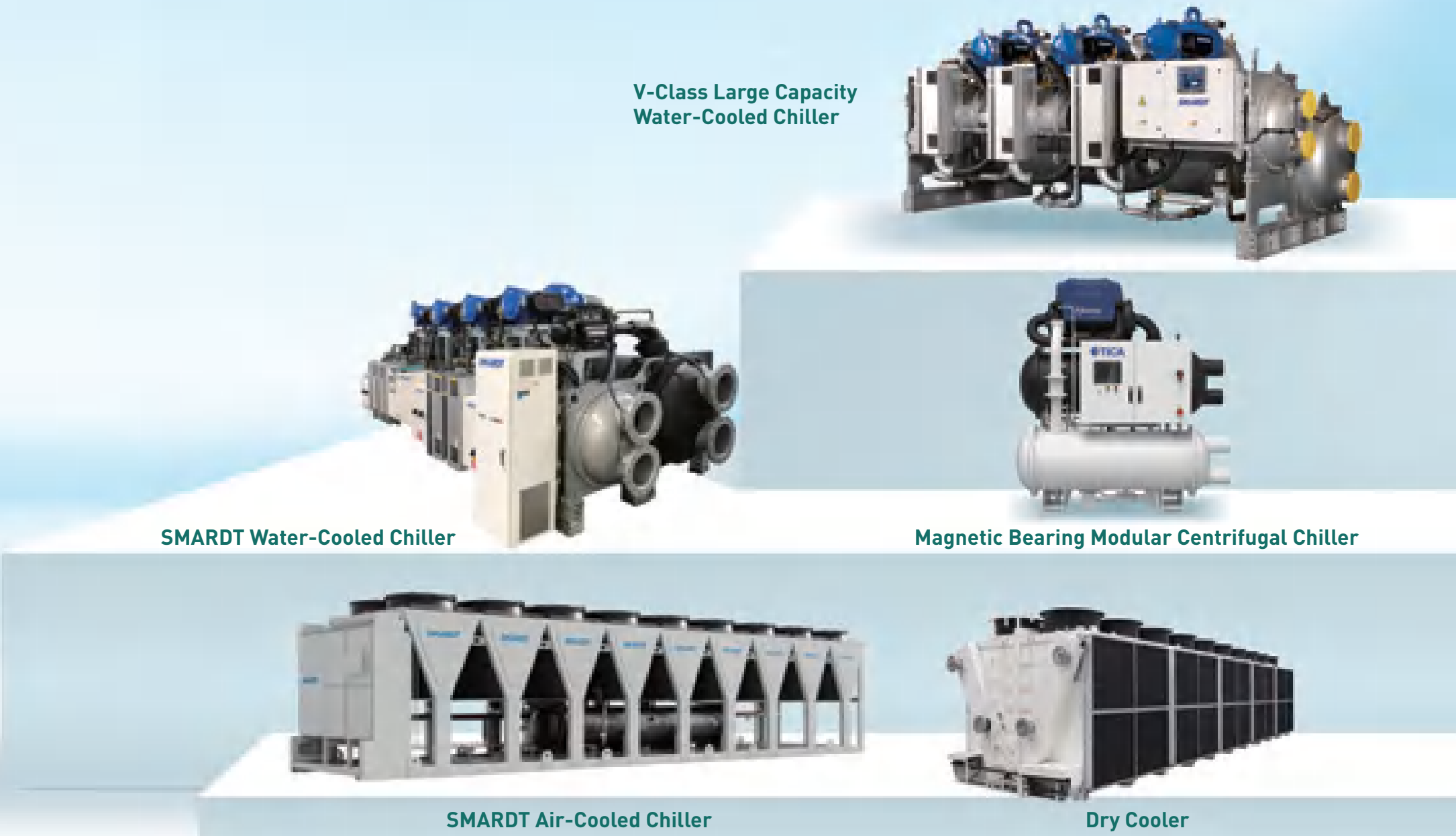
TICA CLIMATE SOLUTIONS CUSTOMER

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
			

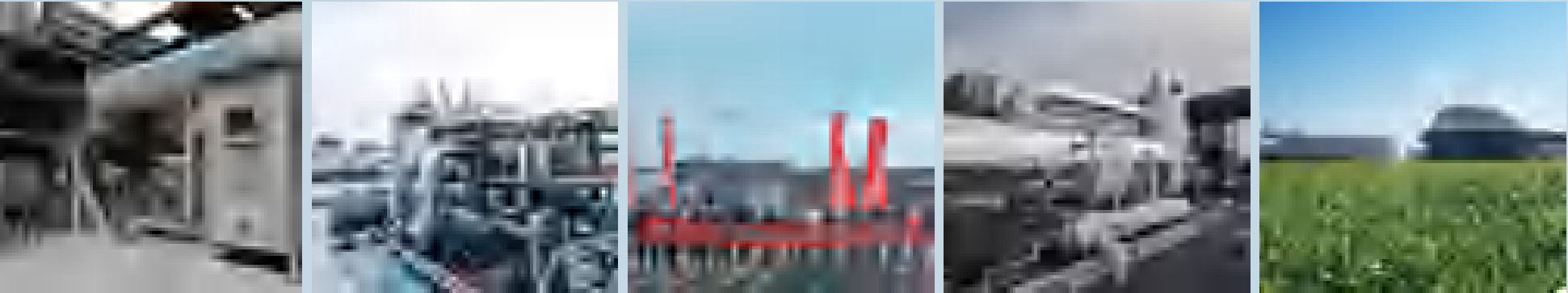
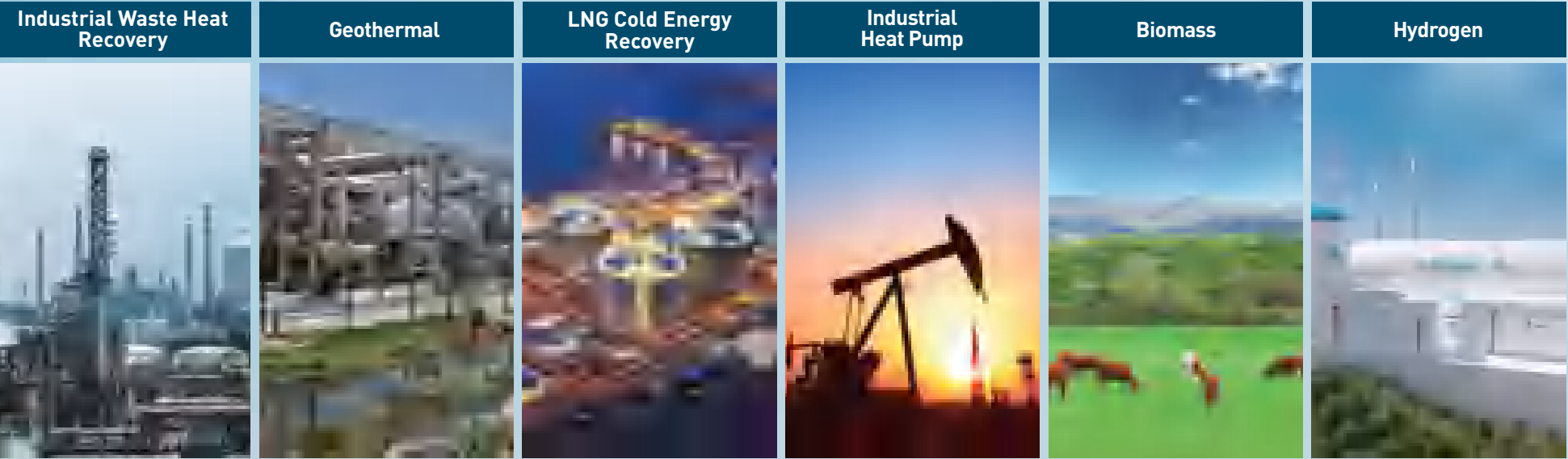
WHAT WE CAN TICA CLIMATE SOLUTIONS



WHAT WE CAN TICA CLIMATE SOLUTIONS



WHAT WE CAN TICA ENERGY



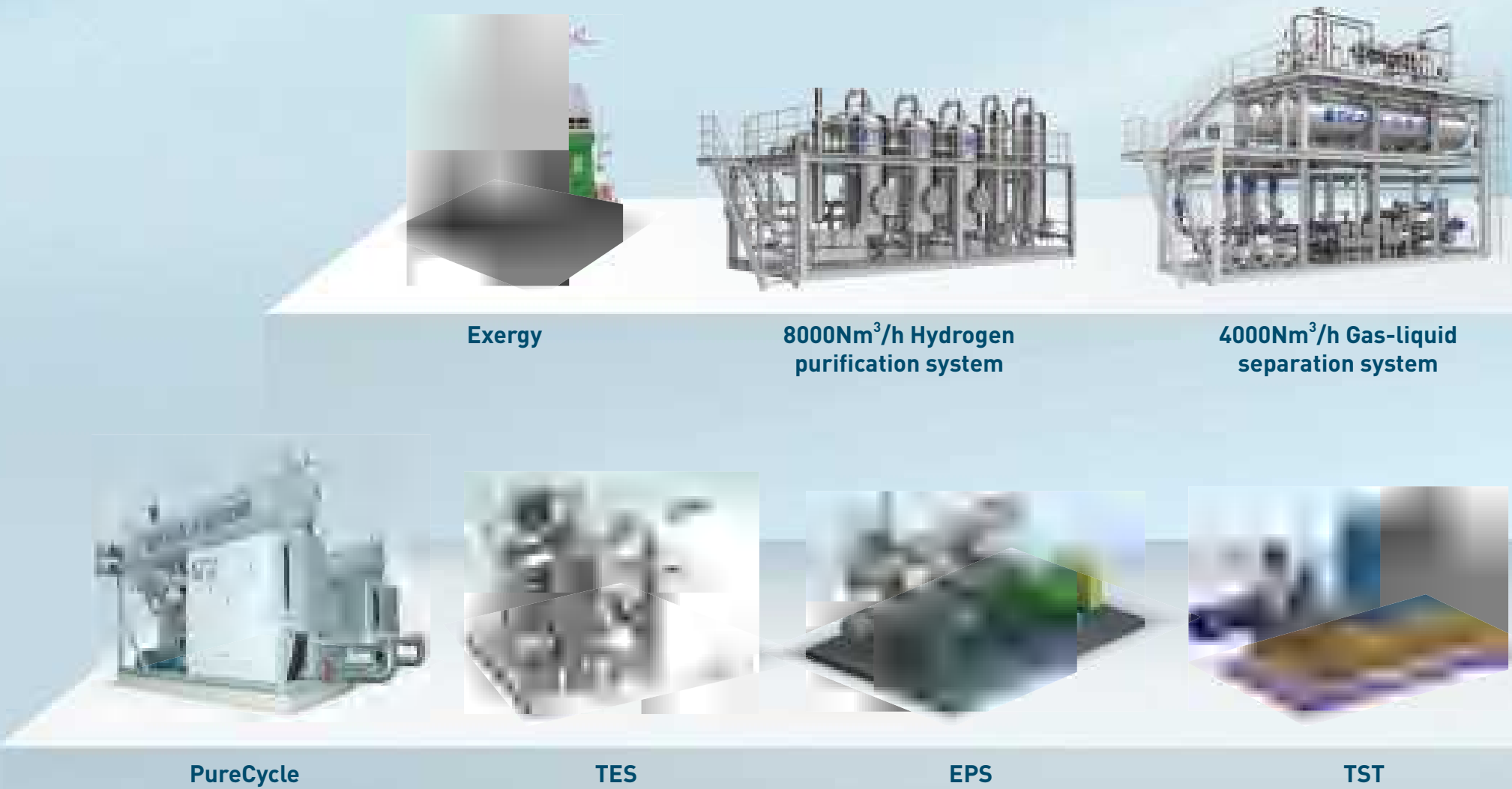
Jinling Sinopec
Industrial Waste Heat Power
Generation Project

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



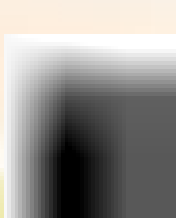
HOW WE SUSTAIN

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