



Precision
Behind Every
Innovation



YOUR RELIABLE GLOBAL PARTNER FOR INNOVATIVE AUTOMOTIVE TUBES AND PARTS

PROCESSED STEEL TUBE PARTS

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Website

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PRECISION BEHIND EVERY INNOVATION

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COMPANY OVERVIEW



COMPANY PROFILE

CBIES: Rooted in China, Serving Global Markets

As a key member of Hebei Sinostar Group, CBIES has evolved from a precision tube manufacturer into a trusted partner with systematic development and delivery expertise since 2005. CBIES supports OEMs and Tier-1 suppliers in reducing total cost, accelerating development cycles, and ensuring stable global supply through integrated manufacturing and automotive-grade quality systems.

Guided by our CBIES Trust Equation® [Reliability × Expertise × Agility ÷ Risk], we collaborate with innovators to deliver safer, smarter solutions for the new energy era, fueling sustainable growth worldwide.

Reliability

Stable quality and on-time delivery

Agility

Fast response and flexible capacity

Expertise

Automotive engineering and CAE compliance

Risk

Reduced through systems and full traceability

OUR MISSION

Driven by Human and Social Responsibility,
Pioneering Through Innovation



GLOBAL FOOTPRINT

Our offerings span multiple product categories, including Exhaust Systems, Cross Car Beams, Side Impact Beams, Seat Frames, and Battery Pack Brackets, with exports to Europe, North America, Southeast Asia, and beyond.



WHY CBIES

Our Difference

Building ethical, reliable, and long-term partnerships.



Our Partnership

Becoming co-innovation partners in the new energy era.



Our Value

Innovating aligned with industry shifts and client needs.



PRODUCTS AND APPLICATIONS

PRECISION STEEL TUBES



Welded Steel Tubes

Round tubes: $\varnothing 8 - \varnothing 254$ mm

Square tubes: $6 \times 6 - 100 \times 100$ mm

Rectangular tubes: $6 \times 10 - 90 \times 130$ mm

Wall thickness: 0.6 – 4.5 mm

Material grades: E195, E235, E355, HC340LA, HC380LA, HC420LA, HC500LA, HC550LA, S235JR, S275JR, S355JR, etc.



Seamless Steel Tubes

Outside diameter: 6 – 254 mm

Wall thickness: 0.8 – 15.0 mm

Material grades: E195, E235, E355, ST35, ST45, ST52, 4130, 4140, 10#, 20#, 35#, 45#, etc.



Aluminum Coated Pipes

Outside diameter: 18 – 152.4 mm

Wall thickness: 1.0 – 2.3 mm

Material grades: SA1D, DX53D, DX54D, etc.



Stainless Precision Steel Tubes

Outside diameter: 8 – 254 mm

Wall thickness: 0.6 – 4.5 mm

Material grades: 1.4301, 1.4401, 1.4016, 1.4512, 1.4509, 201, 304, 304L, 316, 409, 409L, 430, 439, 441, etc.

We offer customized special-shaped and high-strength steel tubes, with value-added services including heat treatment and cold drawing.

Manufacturing Equipment

Equipped with world-class lines to ensure efficiency, stability, consistency, and sustainable manufacturing capacity.



Korean KTM high-frequency welded tube production line



Korean triple drawing bench line



Korean HANDUK roller hearth type continuous anaerobic annealing furnace



Slitting machine



Fully automatic high-frequency induction quenching line



Pipe cutting machine

PROCESSED TUBE PARTS

Bending Parts



Round tube OD: 10 – 254 mm
Square tube size: 6×6 – 100×100 mm
Rectangular tube size: 6×10 – 90×130 mm
Materials: Carbon steel, Stainless steel, Aluminum, Alloy Steel

Hydroforming Parts



Round tube OD: 10 – 127 mm
Materials: Carbon steel, Stainless steel

Laser Cutting Parts



Material thickness:
Stainless steel: up to 12 mm
Carbon steel: up to 18 mm
Materials: Carbon Steel, Stainless Steel, Aluminum, Alloy Steel

Tube End Forming Parts



Round tube OD: 10 – 152 mm
Materials: Carbon Steel, Stainless Steel, Aluminum, Alloy Steel

Welding Parts



Punching Parts



Stamping Parts



CNC Turning



APPLICATION FIELDS

Mainly used in industries including Automotive, Truck and Bus, Motorcycle, Agriculture, Energy and Renewables, Defense and Aerospace, Electronics and Appliances, Earth-moving Equipment, Construction, Oil and Gas, Medical, Engineering and Industrial Applications, as well as Fitness Equipment.



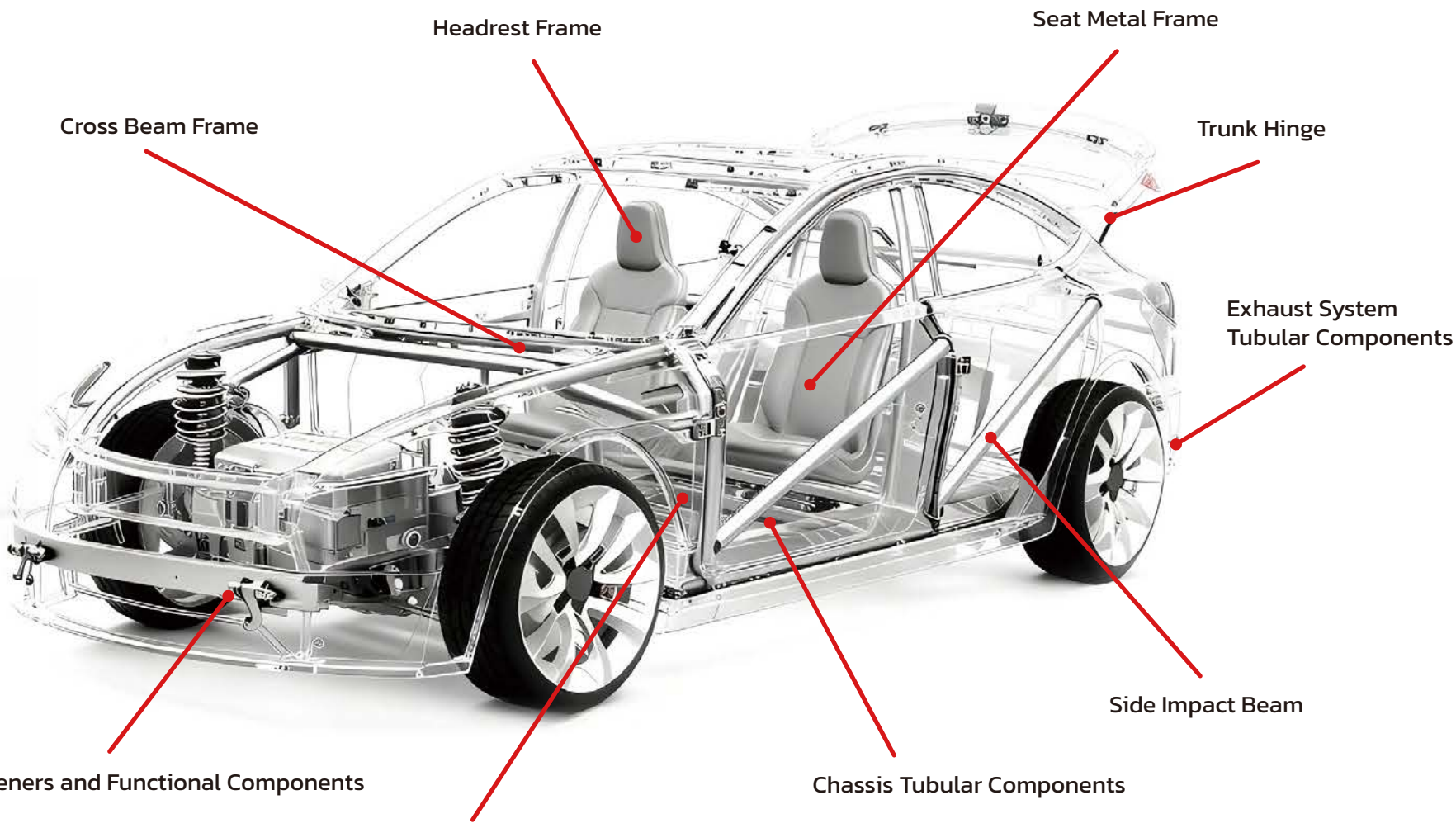
Motorcycle



Medical



Truck



Automotive



Fitness Equipment



Bus



Construction

R&D CAPABILITIES & VALUE

- Collaborative Design & Customized Development
- Feasibility Study & Engineering Design
- CAE-based Engineering Validation
- Prototyping & Process Industrialization



- Reduced Development Cycle
- Optimized Total Cost
- First-Time-Right Engineering
- Automotive Standards Compliance

COLLABORATIVE DESIGN & CUSTOMIZED DEVELOPMENT

Core Module

Product & Process design

Tooling & Fixture design

Co-design

Equipment design & Development

R&D CAPABILITIES

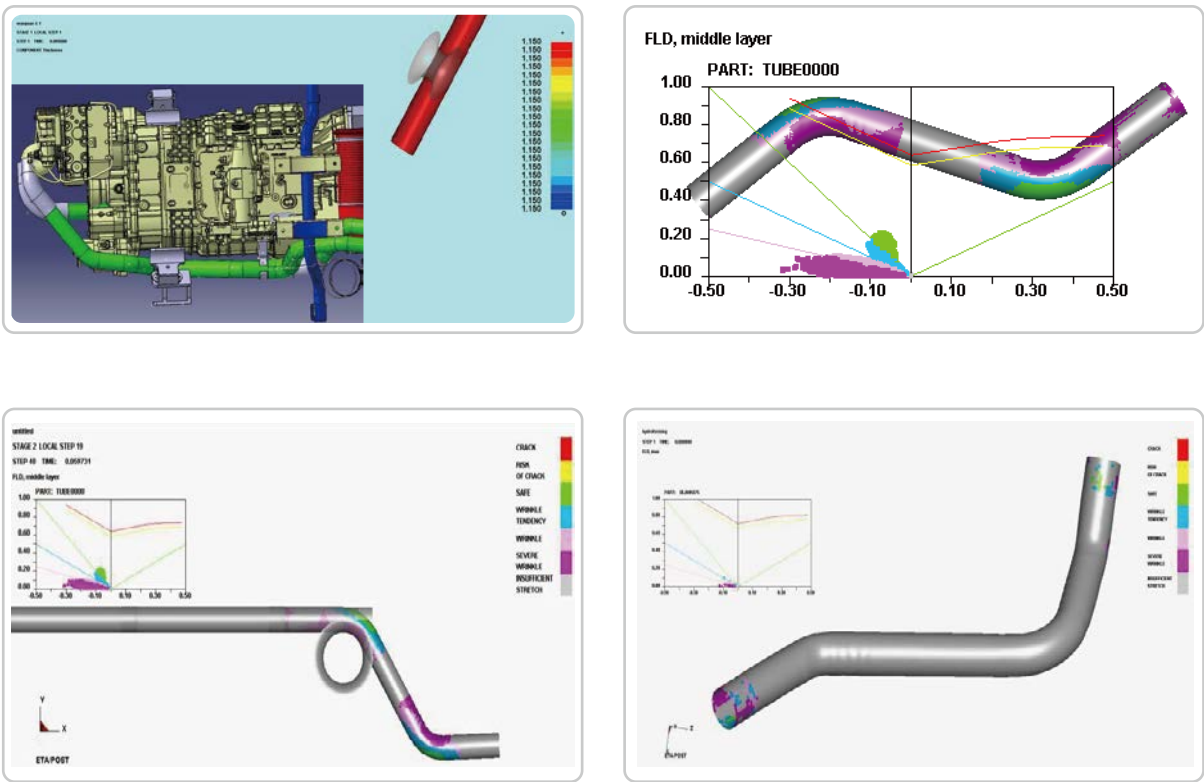


Example: Tube Laser Cutting Equipment

CAE ANALYSES

CAE-Driven Engineering Validation & Multi-Physics Optimization

By integrating early-stage CAE simulations with multi-physics engineering analyses, structural designs and process parameters are systematically optimized to support engineering validation of key forming processes. This ensures robust product performance in terms of strength, flow behavior and thermal reliability.

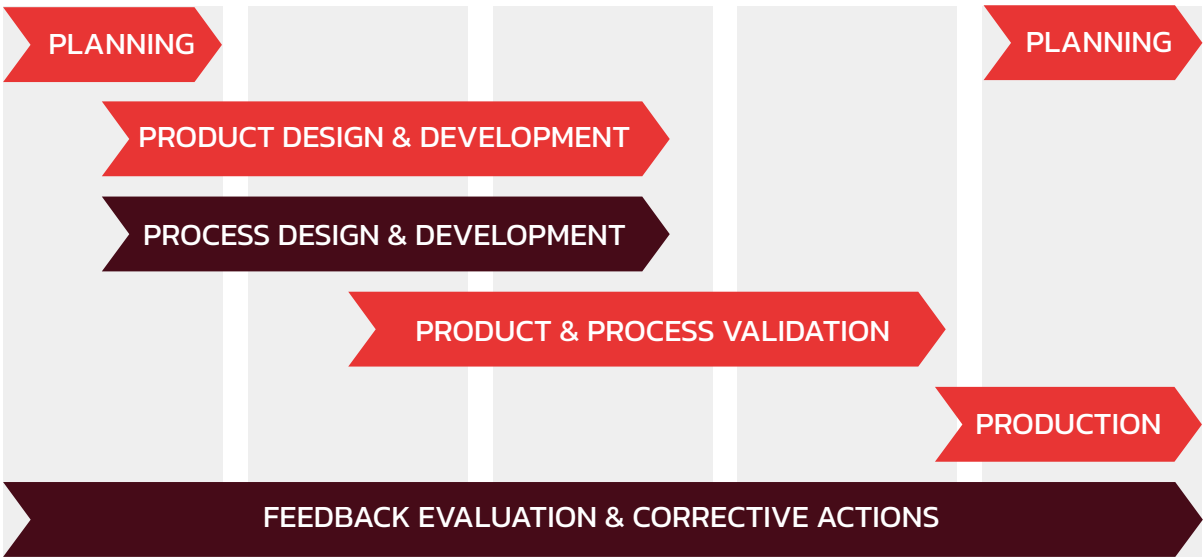


Wall Thickness Distribution Contour Plot

STRUCTURED R&D & INDUSTRIALIZATION ASSURANCE

Structured R&D Process under Project & Program Management

R&D solutions are industrialized through structured planning, parallel product and process development, and robust product & process validation, supported by in-house tooling, fixtures and equipment, fully aligned with IATF 16949 and APQP / PPAP requirements for a controlled transition to series production.



These three R&D pillars work together to shorten development cycle, optimize total cost, ensure right-first-time engineering and guarantee compliance with automotive standards.

LAB MATERIAL CHARACTERIZATION TESTING

- Metallographic microscope
- Metallographic specimen grinder
- Universal testing machine
- Hardness tester
- Roughness tester
- Eddy current tester (ECT)
- Spectrometer (OES)

PLANT LAB AND INSPECTION



PRODUCT COMPLIANCE CONFORMANCE TESTING

- CMM (Coordinate Measuring Machine)
- 3D Scanning Machine
- Coating Thickness Tester
- Digital Acidity Meter
- Salt Spray Test Chamber
- Heat Resistance Chamber
- Torque Comprehensive Test Bench



CERTIFICATES AND MANAGEMENT SYSTEMS



CERTIFICATIONS & STANDARDS

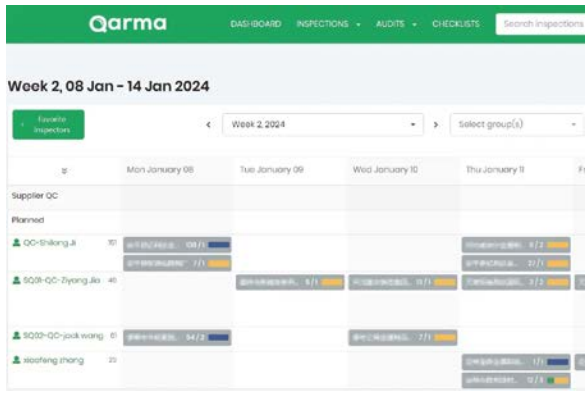
CBIES has established a comprehensive quality management system that includes a series of quality certifications, a variety of testing equipment with corresponding test methods, and the digital quality-inspection tool QARMA.

CBIES is certified to IATF 16949:2016, ISO 9001:2015, ISO 45001:2018, ISO 14001:2015, ISO 14067:2018, ISO 14064-1:2018, and can provide EN 10204:2004 Type 3.1 certificates upon request.

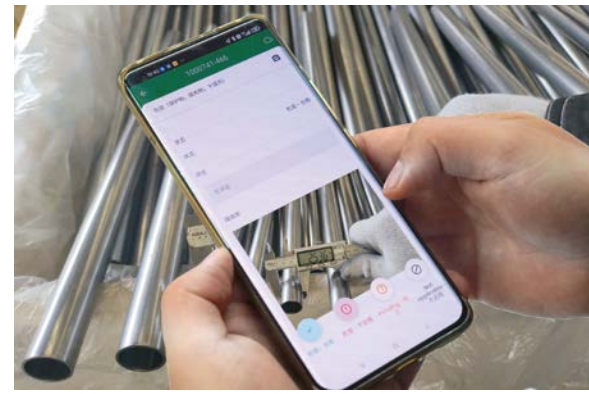


Quality Management System

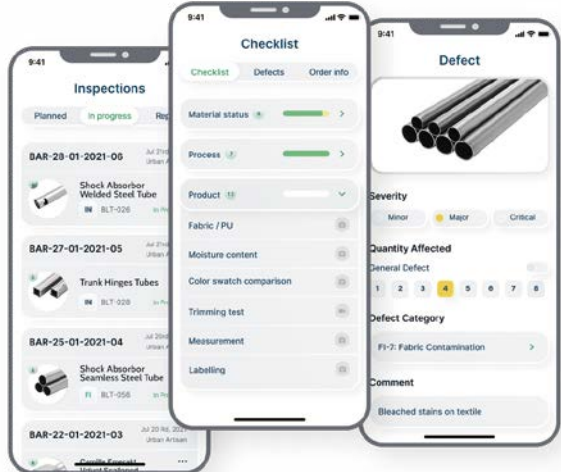
The digital quality inspection tool QARMA, adopted by CBIES, enhances its ability to maintain and uphold the highest standards across all stages of production.



Planning & scheduling for inspector



Generating reports, analytics, and insights



Covering every step of the inspection process

STORAGE AND LOGISTIC

CBIES places great emphasis on quality control throughout the entire packaging and transportation process. Our storage team carefully inspects each product prior to packaging to ensure it is in good condition and ready for shipment.

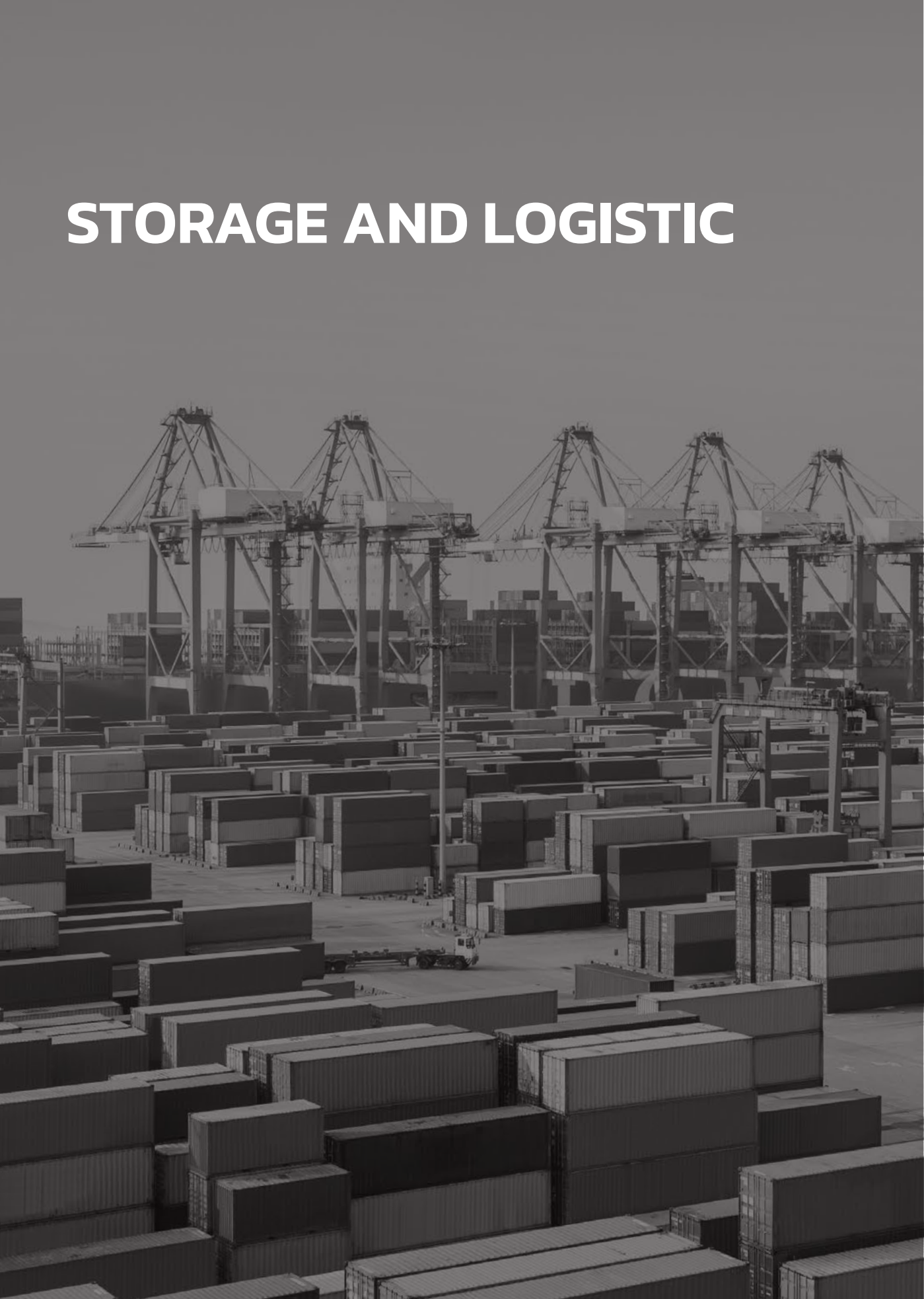
CBIES strictly adheres to international packaging standards to ensure product safety and reduce the risk of damage during transportation. All packaging materials are recyclable and eco-friendly, helping minimize environmental impact.

We offer customized packaging services to meet specific customer needs, including product labeling, marking, folding, and packaging solutions that make it easier to identify and manage inventory. In addition,

we provide comprehensive transportation services to ensure timely and accurate delivery.

Door-to-door services don't stop at the harbor. CBIES has its own logistics department and freight forwarder that has established an efficient logistics infrastructure and organization across most global markets.

Our scale and presence create cost efficiencies in intercontinental shipping as well as in local customs clearance, warehousing, and road transportation services. We take care of last-mile logistics, can invoice on a DDP basis, and also provide 3PL (third-party logistics) services.



GLOBAL SUPPORT CAPABILITIES

