



CGI HOLDINGS INTRODUCTION



- China and Saudi Arabia find themselves in the golden age of their bilateral relations, a period that has ushered in an unprecedented era of collaborative potential.
- CGI HOLDINGS (CGI) is eager to serve as a bridge for communication and investment, fostering and deepening the partnership between these two esteemed nations.

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Chapter 1

Who We Are

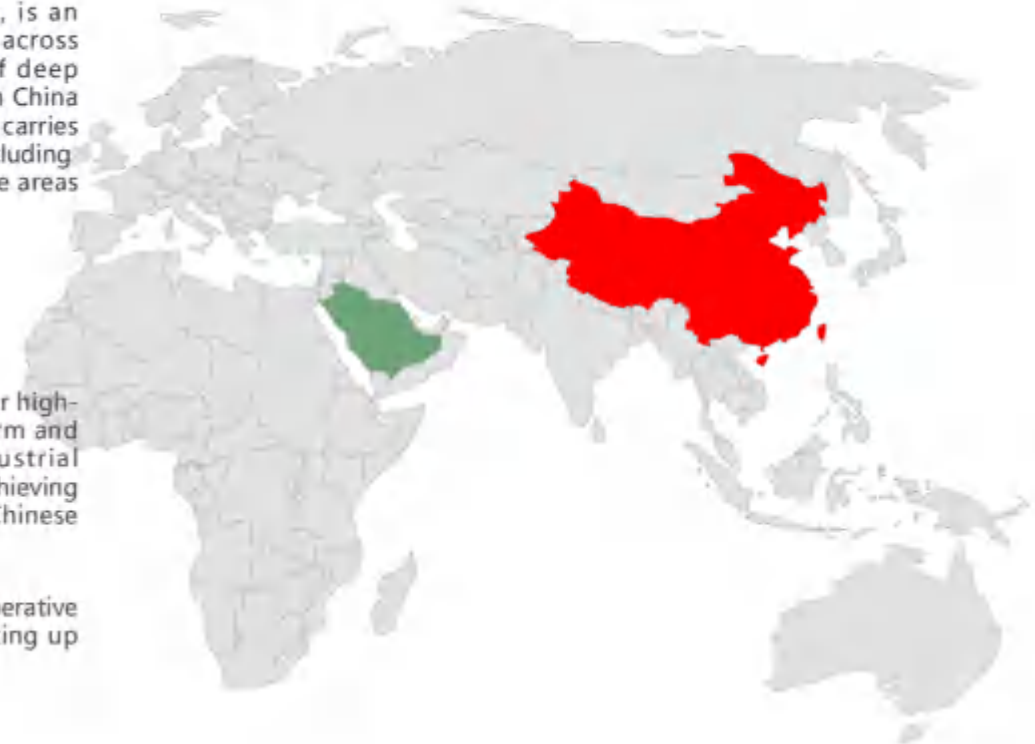
Brief Introduction

CGI HOLDINGS (CGI), headquartered in Kingdom of Saudi Arabia, is an international investment company with business operations spanning across multiple countries and regions worldwide. Against the backdrop of deep integration with the co-construction of the “Belt and Road” initiative in China and the “2030 Vision” in Saudi Arabia, CGI, financial services at its core, carries out comprehensive business activities in the Chinese and Saudi markets, including investment, technology transfer, and enterprise productivity output in core areas such as energy, intelligent manufacturing, and healthcare industries.

Invest In Saudi Arabia

We aspire to closely align with the new round of overseas opportunities for high-quality Chinese enterprises, integrating the experiences of China's reform and opening-up over the past 40 years and the advantages of its industrial development into Saudi Arabia. This effort aims to assist Saudi Arabia in achieving its **Vision 2030** while also promoting the international development of Chinese enterprises, leading to a win-win situation.

We look forward to investing funds in Saudi Arabia and establishing a cooperative fund of fund (FOF) with Saudi partners like SIDF and PIF, as well as setting up industry-specific sub-funds for investment layout.



Aldebaran Investment Overview

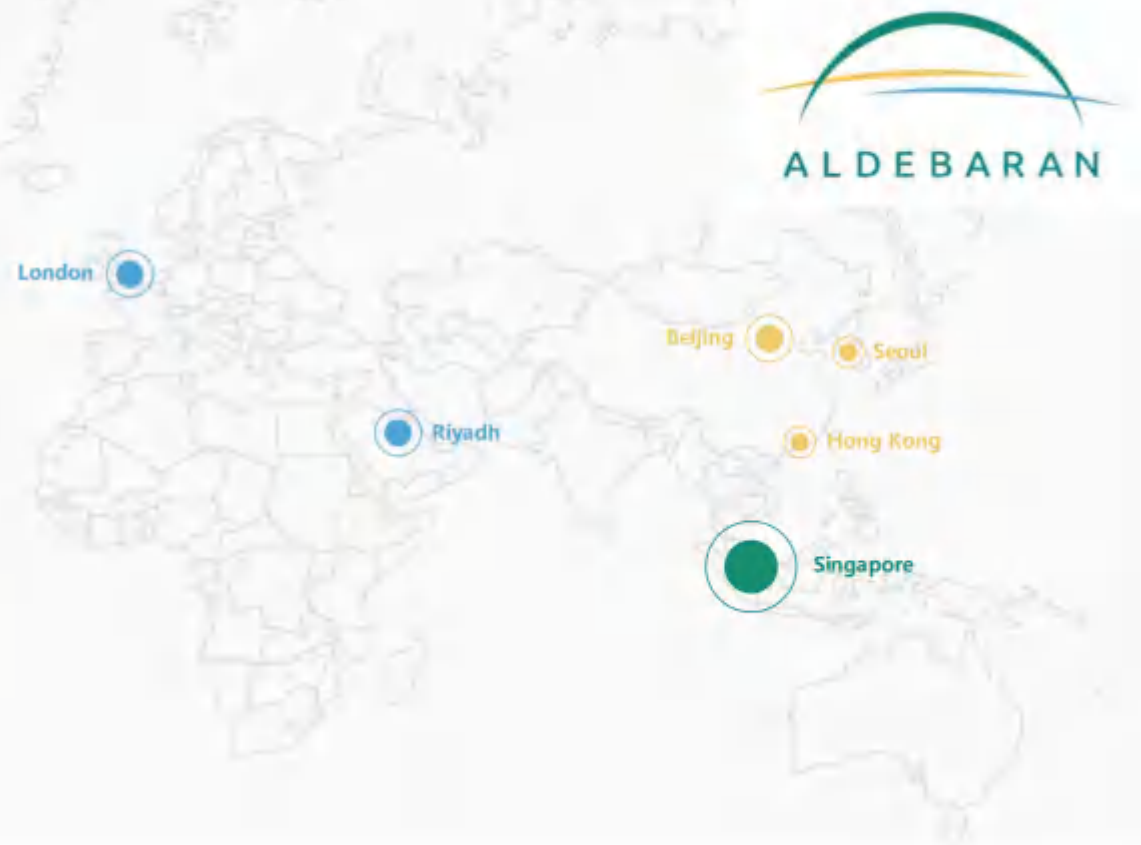


Aldebaran Investment – Investment Manager of CGI

Aldebaran Investment is the investment management company for the direct investment business of CGI, focusing on cross-border growth investments and mergers & acquisitions.

We are committed to working closely with outstanding entrepreneurs and industry partners to create long-term and sustainable value for the invested companies.

Aldebaran Investment is headquartered in Singapore, with representative offices in Hong Kong, Beijing and Seoul. We plan to open an office in Riyadh in the near future.



Strengths of CGI & Aldebaran Investment



Distinctive Investment Philosophy and Strategy

- Aldebaran Investment is founded and will grow in an era completely different from the past forty years of booming globalization—a time of more intense great power competition, global trade, and supply chain restructuring. The resulting turbulence, risks, opportunities and returns are all significant.
- Our investment strategy will adapt to the changing times, focusing on key industries and areas that can promote a more balanced and secure global supply chain, with an emphasis on future core technology innovation and growth. At the same time, we will prioritize investing in 'corridor zones' and 'fringe zones' that present opportunities under the new geopolitical landscape.

Experienced and Stable Leadership Team

- The leadership team has an average of over 15 years of experience in the private equity industry, with more than 20 years of acquaintance and cooperation, fostering strong relationships.
- Before co-founding Aldebaran Investment, the leadership team held key positions and significant roles in renowned financial institutions and leading industry companies, participated in numerous milestone projects, and possesses extensive experience in investment mergers and acquisitions, as well as industrial operations management.



Reliable Cross-border Resources and Merger & Acquisition Capabilities

- We possess unique industrial and financial resources in the GCC countries of the Middle East, Singapore, China, South Korea, Japan, and other major Asian countries and regions.
- We maintain strong relationships and open communication channels with local sovereign funds, leading publicly listed companies in the industrial chain, and policy decision-makers.
- We can offer our partners support in areas such as cross-border M&A funding, local resource integration, recommendations for local joint venture partners, and team setup.



Key Focus Areas



Information Technology

- ☐ Artificial Intelligence
- ☐ Semiconductors
- ☐ Cloud Computing and their upstream and downstream applications and infrastructure



Energy Sector

- ☐ Green Energy (such as Small Modular Reactors (SMR), Hydrogen Energy, Photovoltaics, etc.)
- ☐ New material industries



Aviation Sector

- ☐ Aircraft & Engine Trading
- ☐ Aircraft & Engine Overhaul
- ☐ Airplane Operations
- ☐ Aviation Services (Financial service International connecting flights)

Advanced Manufacturing

- ☐ Electrification and Intelligence of Automobiles, Robotics, Aerospace, etc.

Partners we collaborate with: SIDF & PIF



About SIDF

SIDF was established in 1394 AH as a government financial institution to realize the objectives, policies, and programs of industrial development in Saudi Arabia. Such objectives are aimed at supporting the private sector in various industrial fields, financing and developing the industrial sector in conjunction with government entities. SIDF paves the way for the private sector to engage in constituting and sustaining a national industrial base effectively and adequately.

Responsibility To Development

The Industrial Fund was set up to operate a vital role in promoting industrial investment opportunities, strengthening the local industry, and enhancing its performance. All these measures are realized by contributing to the formation of industrial sectors, boosting competitiveness, and sustaining strategic initiatives.

SIDF In Line With Vision 2030

SIDF exerts all efforts to maintain its pioneering role in the development of the local industrial sector and keep abreast with the latest developments. It attains this goal by pushing for integration with government entities and expands the reach of its support to cover a number of promising sectors in the areas of industry, energy, mining, and logistics.

صندوق الاستثمارات العامة Public Investment Fund



About PIF

Established in 1971 under Royal Decree No. M/24, the Fund initially helped establish companies of foundational importance to the Saudi economy, including many "national champions."

PIF was "reborn" in March 2015, when the Kingdom's Council of Ministers issued Resolution 270, which placed the Fund under the direction of the newly formed Council of Economic and Development Affairs (CEDA), with the Crown Prince, HRH **Mohammed bin Salman bin Abdulaziz** as chairman. This major step gave PIF greater autonomy and better-defined national strategic responsibilities.

This change enabled Saudi Arabia's economy to progress at an accelerated pace and positioned PIF to be a key driver for Vision 2030, achieving positive, sustainable economic and social change.

925 BN USD 644,000+

Assets Under Management (approx.) Direct and indirect investments created

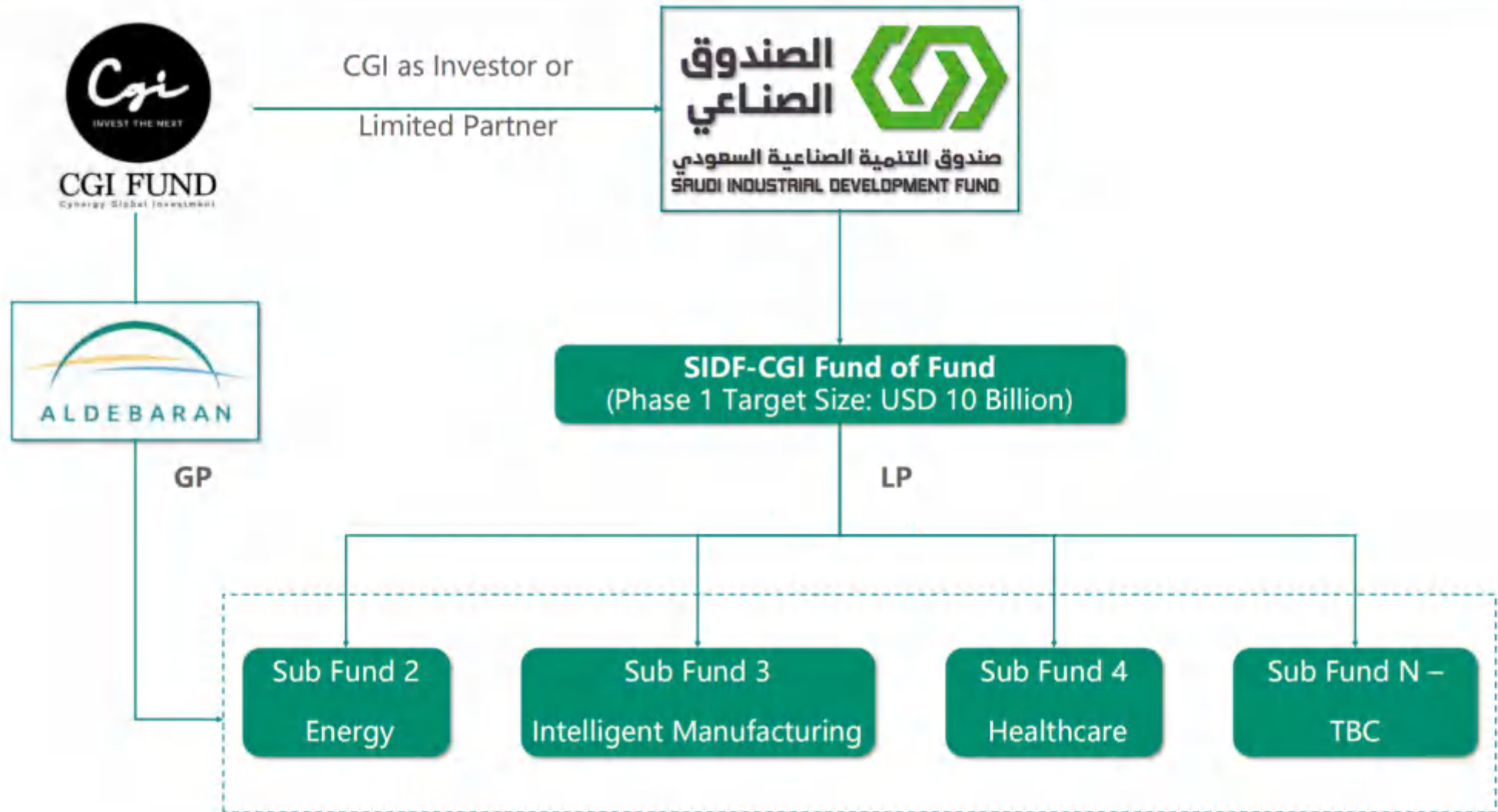
94

PIF portfolio companies created

13

Strategic sectors

CGI & SIDF – Investment Cooperation Structure



Chapter 2



رؤية VISION 2030 المملكة العربية السعودية KINGDOM OF SAUDI ARABIA

Overview of Vision 2030



About Vision 2030

Vision 2030 is a comprehensive strategic plan aimed at reducing the country's dependence on oil, promoting economic diversification, and transforming into a modern, industrialized nation.



Vision 2030 for Semi-Conductor Industry

Vision 2030 is a comprehensive strategic plan aimed at reducing the country's dependence on oil, promoting economic diversification, and transforming into a modern, industrialized nation.



Key Steps & Actions 1

Investing in High-Tech Future Projects:

Saudi Arabia is investing in high-tech future city projects such as Neom, which is built on 5G technology, reflecting Saudi Arabia's emphasis on the high-tech industry.



Key Steps & Actions 2

Developing Artificial Intelligence:

Both Saudi Arabia and the United Arab Emirates are actively advancing their artificial intelligence strategies, securing Nvidia chips, and attracting global talent, including Chinese talents affected by U.S. policy restrictions, to promote their own AI development.



Key Steps & Actions 3

Building Supercomputers:

King Abdullah University of Science and Technology is building the supercomputer Shaheen III, which will operate 700 Nvidia superchips, the Grace Hopper, designed specifically for cutting-edge artificial intelligence applications.



Digital Transformation:

Digital transformation is a key component of Saudi Arabia's 'Vision 2030', where the construction of digital infrastructure is an important indicator of the country's digital progress. Saudi Arabia has shown a keen interest in the growth of cloud computing, financial technology, artificial intelligence (AI), new energy, the Internet of Things, smart cities, medical technology, and other fields, and is an important partner for Chinese companies in these areas.

DIGITAL TRANSFORMATION



Key Steps & Actions 5

International Cooperation:

Saudi Arabia's cooperation with global technology powers, including cooperation with Western countries in the field of artificial intelligence, as well as cooperation with countries such as China in areas of infrastructure, energy, trade, and investment, is part of its high-tech industry development.



Key Steps & Actions: Summary

Through these key actions, Saudi Arabia hopes that by 2030, artificial intelligence will make a significant contribution to its Gross Domestic Product (GDP) and become the largest beneficiary of this technology in the Middle East region.





Chapter 3

Potential Projects Introduction

1

MEDICAL CITY SAUDI ARABIA



Overview and Mission



Overview

Medical city ('MEDCITY') is a comprehensive plan aimed to build a Future City of Healthcare. A city where all institutions can come together to form the City of Quality care, whether it is for prevention , diagnosis , treatment or research & development , Medcity will be at the forefront of making sure that all have a chance to receive top tier quality Care and Education.

Mission

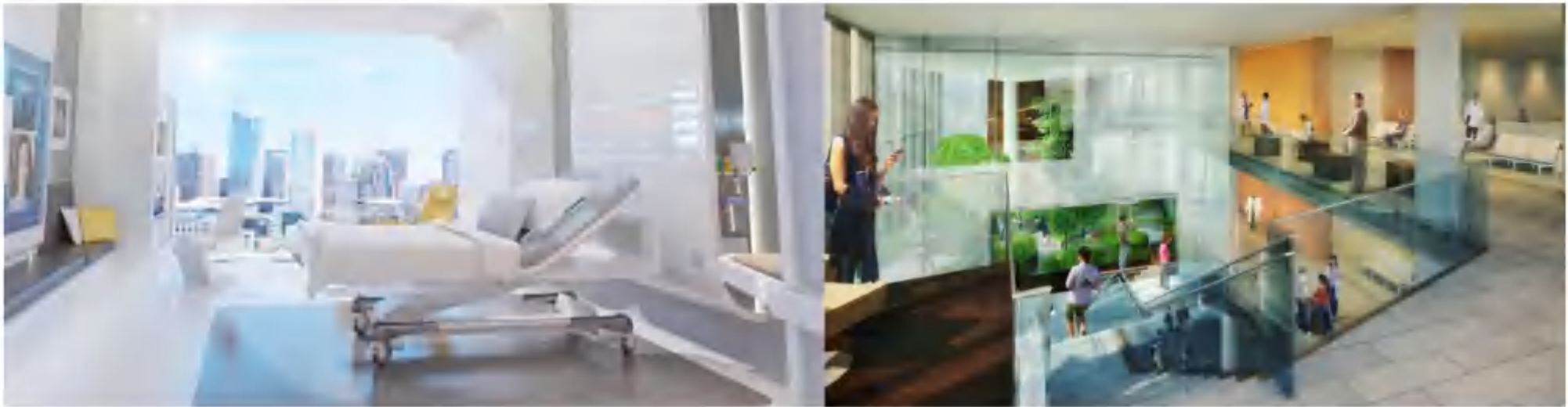
MEDCITY' s mission is to face many of the healthcare challenges confronting the Middle East , East Asia and, ultimately, most of the world' s population. To face these challenges, Medcity will always be at the forefront of healthcare innovation. Medcity will deliver by leading the world in a wide range of medical research, by training the next generation of caregivers and by delivering outstanding patient care at all times. The uniqueness of Medcity will allow it to employ not just the brightest, most well-respected health care professionals from around the world, but also, some of the most compassionate and attentive.



Global Cooperation and College Education

MEDCITY through its global reach and numerous resources with world class renowned universities and medical research institutions, such as Stanford University, Johns Hopkins University, University of Abu Dhabi-UAE, King Faisal University-KSA, Peking University, etc. MEDCITY working with global Universities and healthcare institutions shall establish Medical Colleges, Research and Development Facilities, Nursing Colleges and Technology transfer centers.





MEDCITY HOSPITALS

Affordable, Top Quality

MEDCITY through its global reach and numerous resources with world class renowned universities and medical research institutions, such as Stanford University, Johns Hopkins University, University of Abu Dhabi-UAE, King Faisal University-KSA, Peking University, etc. Medcity working with global Universities and healthcare institutions shall establish Medical Colleges, Research and Development Facilities, Nursing Colleges and Technology transfer centers.

MEDCITY RESEARCH AND DEVELOPMENT CENTER

Quality Health Care and Medical Education

These search facilities shall be home to world-class research programs. Through the cooperation with international and local Universities and also Support fellowship exchange programs. Medcity Innovation Center shall Develop and accelerate the commercialization of new solutions in Partnership with Circulus & Stanford University.



2

Aviation Project



Overview of Saudi Aviation Strategy



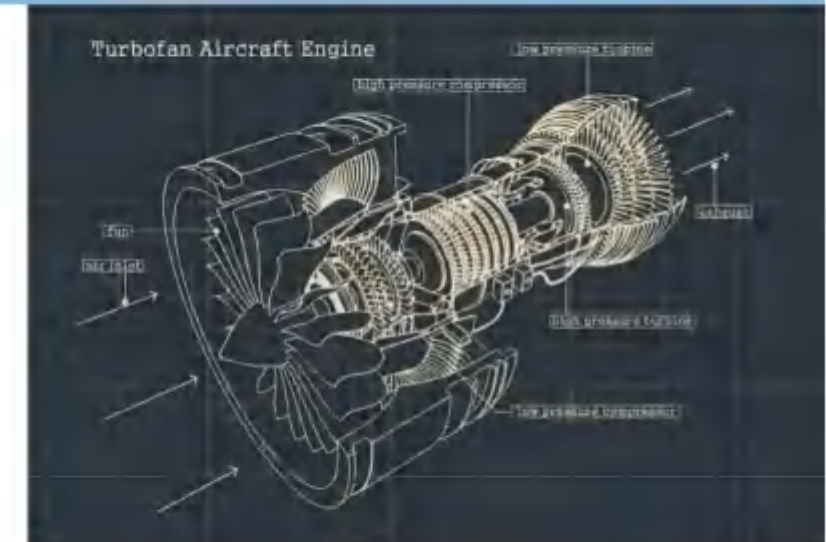
- Hosting **330 million** passengers and cargo capacity to **4.5 million** tons.
- Cultivating new airlines
- Promoting the development of aviation infrastructure.

Overview of Aviation Strategy



Enhancing the capability to repair both civil and military aircraft and engines.

Ensuring that 50% of military equipment is **Saudi-made**.



Aviation Engine Overhaul

Enhancing the capability for civil and military aircraft and engine maintenance by introducing aviation engine maintenance enterprises and engine dismantling services.

The implementation can include:

- Establishing a Joint Venture Engine Overhaul Facility
- Setting Up an MRO Facility



Aviation Manufacturing:

CGI can assist Saudi Arabia in attracting high-end aviation manufacturing enterprises to establish facilities locally, thereby achieving the goal of domestic production of aviation components.

The implementation can include:

- Aviation Components R&D Center
- Aviation Components Testing Center
- Aviation Components Production Plant
- Aircraft Delivery Center
- New Energy Aircraft (eVTOL) Facility



Saudi Aviation Industry Park



Aviation Industry Park

Aviation Industry Park that includes

Aviation transportation companies

Aviation leasing companies

MRO facilities

Research and development centers

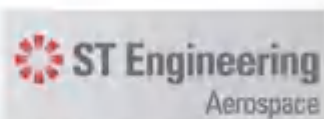
Testing centers,

Component manufacturing,

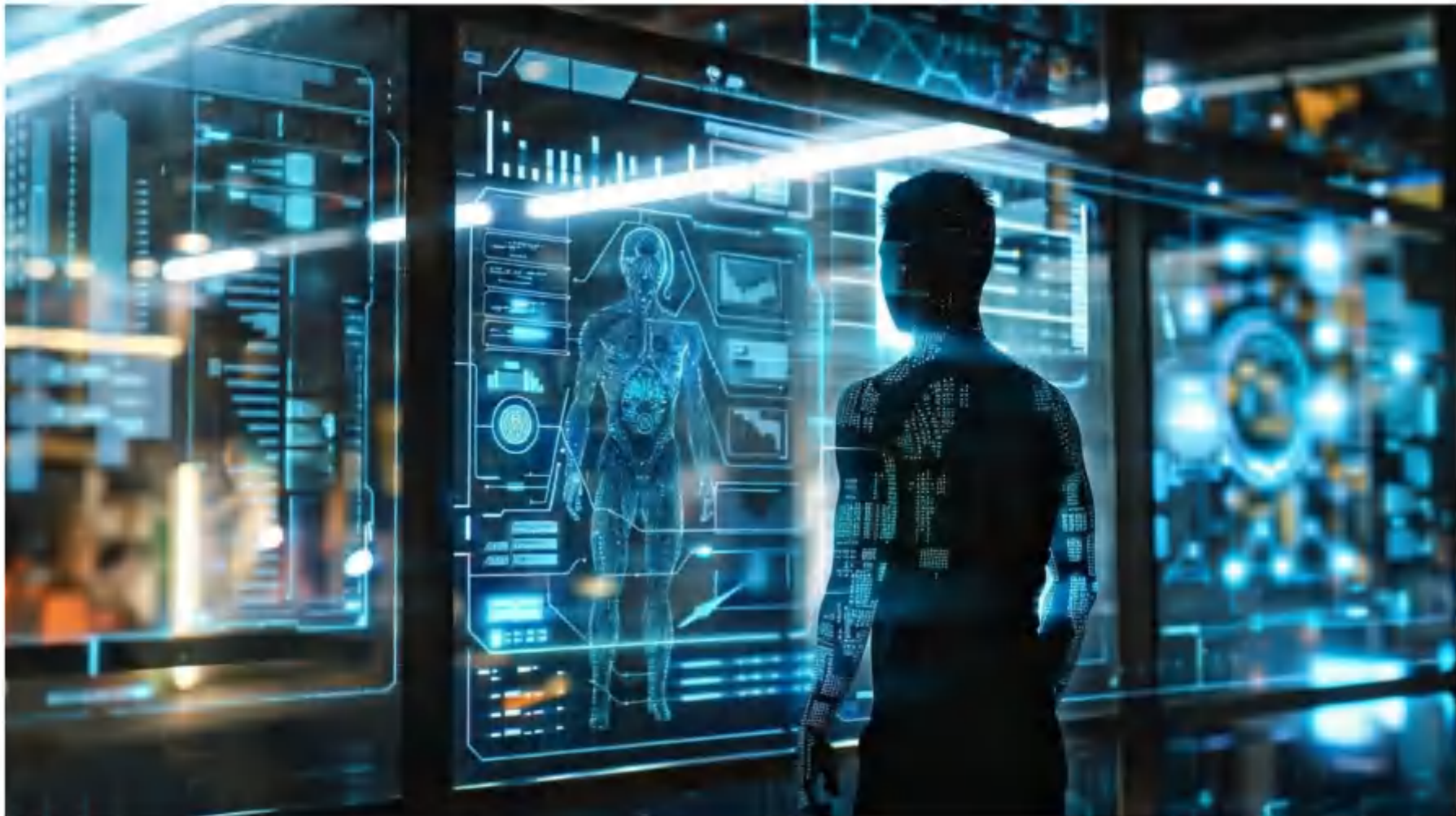
New energy aircraft,

Delivery centers.

CGI Aviation Partners (Asia)



3 Artificial Intelligence Project



Overview of Sovereign AI



- Establish Saudi Sovereign Model Institute (SSMI) to host Arabic LLMs
- Integrate MCP protocol for persistent AI memory
- Deploy secure cognitive storage system in all Humain and corridor GPU clusters
- Enable multi-agent, context-aware, memory-preserving AI deployments

4 Intelligent Whole House Manufacturing Project



Industrial Vision



- Build a house like a car
- Industrialization revolution: MIC modular production (site construction period ↓90%)
- Four modernizations in one:
 1. Ultra-low energy consumption (carbon emission ↓90%)
 2. Photoelectric/photothermal integration
 3. Smart home integration
 4. Hardcover delivery bag check-in

Product system

Residential products: according to the different levels of housing market demand in Saudi Arabia, we will develop a series of intelligent whole-room residential products, including apartments, villas and detached houses, which are economical, comfortable and high-end luxury, so as to meet the diversified housing needs of Saudi residents.

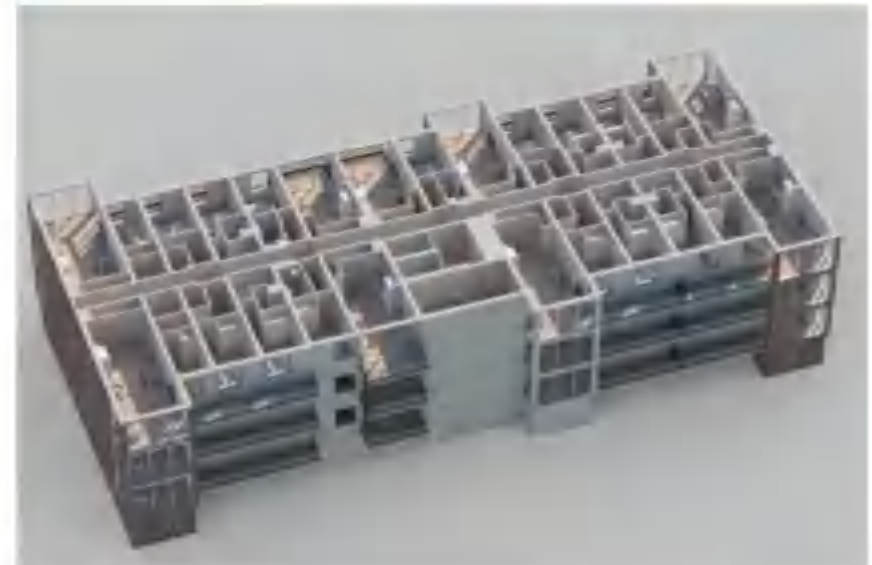
Commercial building products: According to the characteristics and needs of Saudi commercial development, intelligent whole-room commercial building products such as commercial centers, office buildings, hotels and shopping centers are launched to provide modern and intelligent commercial space for Saudi commercial development.

Public facilities products: According to the needs of public facilities construction in Saudi Arabia, we will develop intelligent whole-room products for public facilities such as schools, hospitals, stadiums and cultural centers to help upgrade and improve public service facilities in Saudi Arabia.



MIC modular building

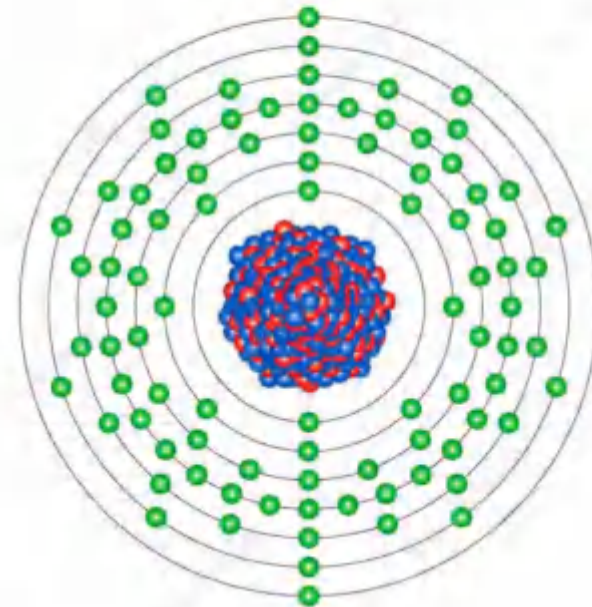
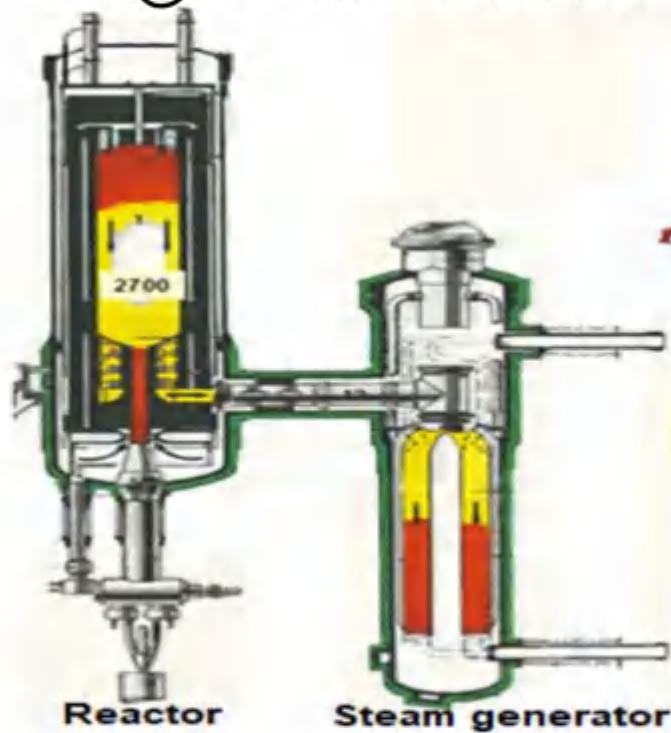
MIC modular building, through the concept of "assembling before embedding", transfers the site construction process to the factory building, and manufactures independent "assembly and synthesis" components (including decoration works, fixtures and building facilities) in the factory building.



5 Thorium fuel power generation Project



CGI@ENERGY STGR 20



Industrial Vision



- Thorium based nuclear power generation is mainly achieved through nuclear fission of uranium-233, an isotope rich in the fuel element thorium. The thorium fuel cycle may have several potential advantages over the uranium fuel cycle, including greater abundance of thorium on Earth, superior physical and nuclear fuel properties, and reduced nuclear waste generation. One advantage of thorium fuel is its low weaponization potential. The uranium-233 propagated in the reactor is difficult to weaponize. The production of thorium-239 is much lower and can be consumed in thorium reactors.
- Supporters believe that thorium is the key to developing a new generation of cleaner and safer nuclear energy.

Thorium Technology

Mature technology

- Basic load energy
- Delivery time
- Accessing the existing power grid

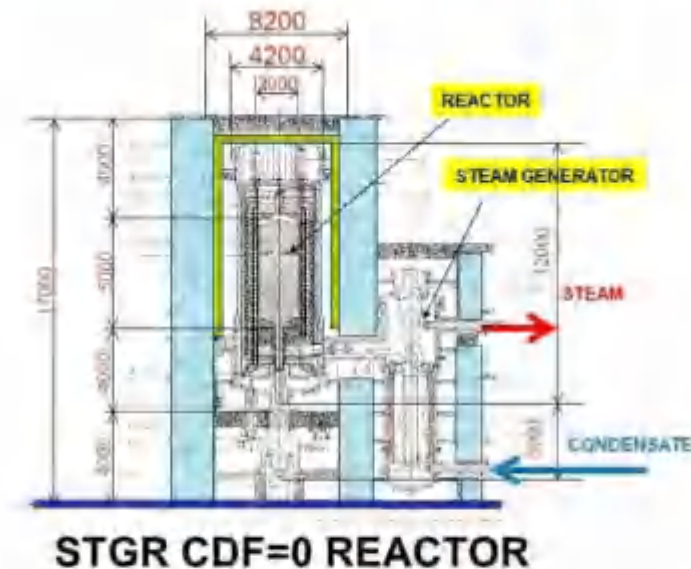
Advantage

- Safe CDF=0
- Carbon Neutralization
- Grid access
- The factory location meets the requirements
- STGR SMR factory can customize according to needs, And due to its inherent safety factors, it is located near industrial users.
- Can be built on the sea or land

GENERATION I TO IV REACTORS - MSR MOLTEN SALT REACTOR AND GENERATION V STGR

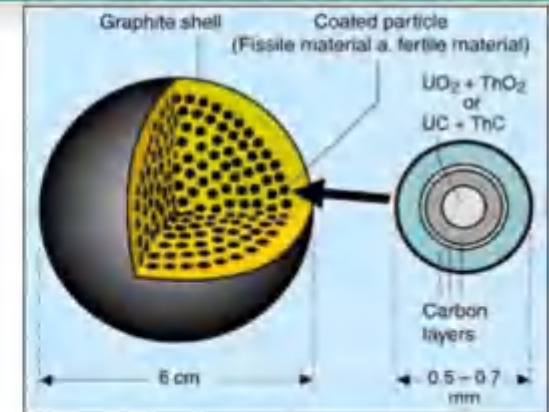


THE MSR – IF IT WILL BE FEASIBLE – WILL BE A GENERATION IV - REACTOR
THE STGR WITH THE "GENERATION IV" CRITERIA IS "GENERATION V",
IN EFFICIENCY STGR $T_{max}=900^{\circ}C$ IS BETTER THAN MSR $T_{max}=600^{\circ}C$



Thorium Technology

The Marshall Plan for Energy is expected to operate by 2026 and address COP-26 issues by 2050. According to the COP-26 targets, carbon dioxide emissions will be reduced by 50% by 2030 and 100% by 2050.



Best SMR Model

(Small Modular Reactor):

- 1: The simplest nuclear reactor
- 2: Absolute safety (CDF=0)
- 3: Multiple types of fuel reactors:
Thorium/U233/U235/WPu/MOX
- 4: Ideal neutron slowing down
- 5: High fuel efficiency: 80-90%
- 6: Construction time: 36 months
- 7: Ability to achieve COP-26 goals by 2050
- 8: Solutions for Drinking Water Shortage
- 9: Used fuel: Gamma rays used for food preservation

6

Partnership with Chinese Leading Companies in the Middle East



inspur 浪潮

中信集团
CITIC Group
共 创 新 可 能


中国科学院
CHINESE ACADEMY OF SCIENCES

CASVC
中科院创投

WSC
Wuhan Science and Technology Center


中国商飞
COMAC

CEC 中国电子科技集团有限公司
CHINA ELECTRONICS TECHNOLOGY GROUP CORPORATION

AST

AMTC ADDITIVE
MANUFACTURING
TECHNOLOGY
CENTER

LAUNCH
Design

LongShine 朗新

AMBATURE

SIEF 仕淨科技
SHIJIANG TECHNOLOGY

COMAC Overview



Commercial Aircraft Corporation of China Ltd (COMAC) is the main body responsible for implementing China's major large-scale aircraft project, as well as the main carrier for coordinating the development of mainline and regional aircraft, and realizing the industrialization of China's civil aircraft. It mainly engages in scientific research, production, and test flights of civil aircraft and related products, as well as related business such as sales and services, leasing, and operation of civil aircraft.



SSAMC Overview



Sichuan International Aero Engine Maintenance Co., Ltd. is renowned for its expertise and comprehensive services in aero engine maintenance. Specializing in maintenance, overhaul, and technical support, the company offers reliable solutions with advanced facilities and a professional team. Committed to innovation and customer satisfaction, it ensures flight safety and supports aviation industry growth.



CITIC Group Overview



The Second Research Institute of Civil Aviation of China, the oldest civil aviation science and technology group in China, leads in industry-university-research-application integration. Under the Civil Aviation Administration of China, it excels in R&D and innovation, focusing on aviation safety, IT, and engineering. The institute's top talents and significant achievements have enhanced civil aviation safety and efficiency, driving industry innovation and development.



HAECO Overview



HAECO, a global leader in aircraft maintenance, modification, and manufacturing, is renowned for its service quality and innovative technology. Based in Hong Kong, an international aviation hub, HAECO offers comprehensive maintenance solutions worldwide. With expertise in heavy maintenance, line maintenance, cabin modification, and component manufacturing, HAECO continuously innovates to meet client needs, ensuring aircraft safety and promoting aviation industry sustainability.



Inspur Overview



inspur 浪潮

One of the top large-scale IT enterprises in China and a leading provider of cloud computing and big data services. Three listed companies whose business covers the new generation of information technology industry fields such as cloud computing, big data and industrial Internet, and provides IT products and services to more than 120 countries and regions around the world.



CITIC Group Overview



CITIC Group, Fortune Global 500, is a large comprehensive multinational enterprise group that combines finance and industry. Among them, finance involves industries and fields such as banking, securities, trusts, insurance, funds, and asset management; Industry involves industries and fields such as real estate, engineering contracting, resource and energy, infrastructure, machinery manufacturing.



CAS Overview



Established in November 1949, the Chinese Academy of Sciences (CAS) is the highest academic institution of natural science, the highest advisory body of science and technology, and the comprehensive research and development center of natural science and high technology in China.



CASVC 中科院创投

Established in November 1949, the Chinese Academy of Sciences(CAS) is the highest academic institution of natural science, the highest advisory body of science and technology, and the comprehensive research and development center of natural science and high technology in China.



WSC Overview



In June 2016, the National Supercomputing Wuxi Center was established with the approval of the Ministry of Science and Technology of China. It was jointly invested and constructed by the Ministry of Science and Technology, Jiangsu Province, and Wuxi City, and operated by Tsinghua University. The center has the world's first supercomputer system with a peak performance of more than one billion floating point operations - "Shenwei · Light of the Taihu Lake".



CETC Overview



China Electronic Technology Group Corporation (CETC) is a backbone state-owned enterprise in China. It is the most powerful national central corporation in the fields of defense electronics, security electronics and informatization with the market covering more than 110 countries and regions in the world. 8 listed companies, 10 national research centers and innovation centers. In 2016, CETC main business revenue of 188 billion yuan, and entered the Fortune Global 500.

CETC's Four Major Business Sectors

Sectors	Electronic Equipment		Network Center System		Electronic Battle		Cyber Security	
	Military Electronic Equipment	Civil Electronic Equipment	Military Network Center System	Civil Network Center System	Anti-IR Jam	Military Cyber Security	Civil Use	
Categories	Early Warning and Detection	Civil Radar	Overall Design of Network Center System		Integrated Circuit	Overall Design of Cyber Security		
	Target Recognition	Civil Radar	Information Infrastructure		Test Equipment	Cyber Security	Cyber Security	
	Electronic Warfare	ESDs Application	Smart Electronic Warfare	Digital Government	Advanced Base Interception	Cyber Security	Communicable Security	
	Ground Communication	Civil Communication	Civil Communication and Control	Smart City	Key Base Interception	Cyber Security	Data Security	
	Network Equipment Information Support		Smart City Localization	Digital Village	Monitoring Equipment	Cyber Security	Industrial Security	
	Target Tracking and Identification		Smart Transportation	Intelligent Transportation	Base Interception	Cyber Security	Cyber Security	
	Anti-Cyber Warfare and Cyber Defense		Civil Support	Intelligent Manufacturing	Computer Software and Hardware	Cyber Security	Cyber Security	
			Smart Agriculture	Smart Manufacturing	Intelligence and Computing		Cyber Security	
			Military Application System	Smart Power	Industrial Technology Foundation			
			Civil Military Integration	Smart Geography				
Typical Product	JANIS	Radio Integrated Addressing and Communication System	Anti-Intelligence Processing System	Transport Big Data Intelligence Solution	ATN	Security Protection Solution of Military Command System	Cyber Security (Cyber Security)	
	Electronic Warfare (EW)	ESDs (Electronic Warfare) System	Anti-Intelligence Processing System	Transport Big Data Intelligence Solution	ATN	Security Protection Solution of Military Command System	Cyber Security (Cyber Security)	
	New Generation High-Resolution Radar	ESDs (Electronic Warfare) System	Anti-Intelligence Processing System	Transport Big Data Intelligence Solution	ATN	Security Protection Solution of Military Command System	Cyber Security (Cyber Security)	
	Civil Radar	Civil Radar	Civil Radar	Civil Radar	Civil Radar	Civil Radar	Civil Radar	
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AST Overview



Advanced Silicon Tech (AST) was founded in 2008 and is one of the earliest enterprises in China to engage in the research and development, production, and sales of large-sized silicon wafers for integrated circuits. It mainly engages in the research and development, production, and sales of 200mm and 300mm integrated circuit wafers, advanced equipment, and advanced materials. It has supplied large-sized silicon wafer products to the vast majority of the world's top integrated circuit manufacturers.

LAUNCH Overview

LAUNCH was founded in 2000, which is one of the first independent automobile R & D organizations in China. LAUNCH has 4 national bases, 27 branches. LAUNCH is capable of providing services in styling, body, chassis, and powertrain development, performance analysis, prototype manufacturing, verification and complete vehicle turnkey project. Over 400 production models have been launched to the market, including traditional passenger and commercial vehicles, and new energy vehicles. Over 30 vehicle development projects per year.



Launch Milestones >>

BYD F3: The industry's first successful turnkey case



2002

Launch and GWM sign strategic cooperation agreement for the second time



2009

BYD D1
First customized online-hailing car in global transportation



2016

Luxury EV platform models and turnkey engineering services for Chinese high-end independent brands



2020



长城汽车

GWM is Launch's first client for vehicle R&D; Launch is GWM's first nominated automotive design supplier

2004



Haval H9
High-end SUV breakthrough for independent brands

2012



Industry First
"National Industrial Design Center"

2018



Vietnam VF34
Successful delivery of turnkey project

2022

LongShine Overview

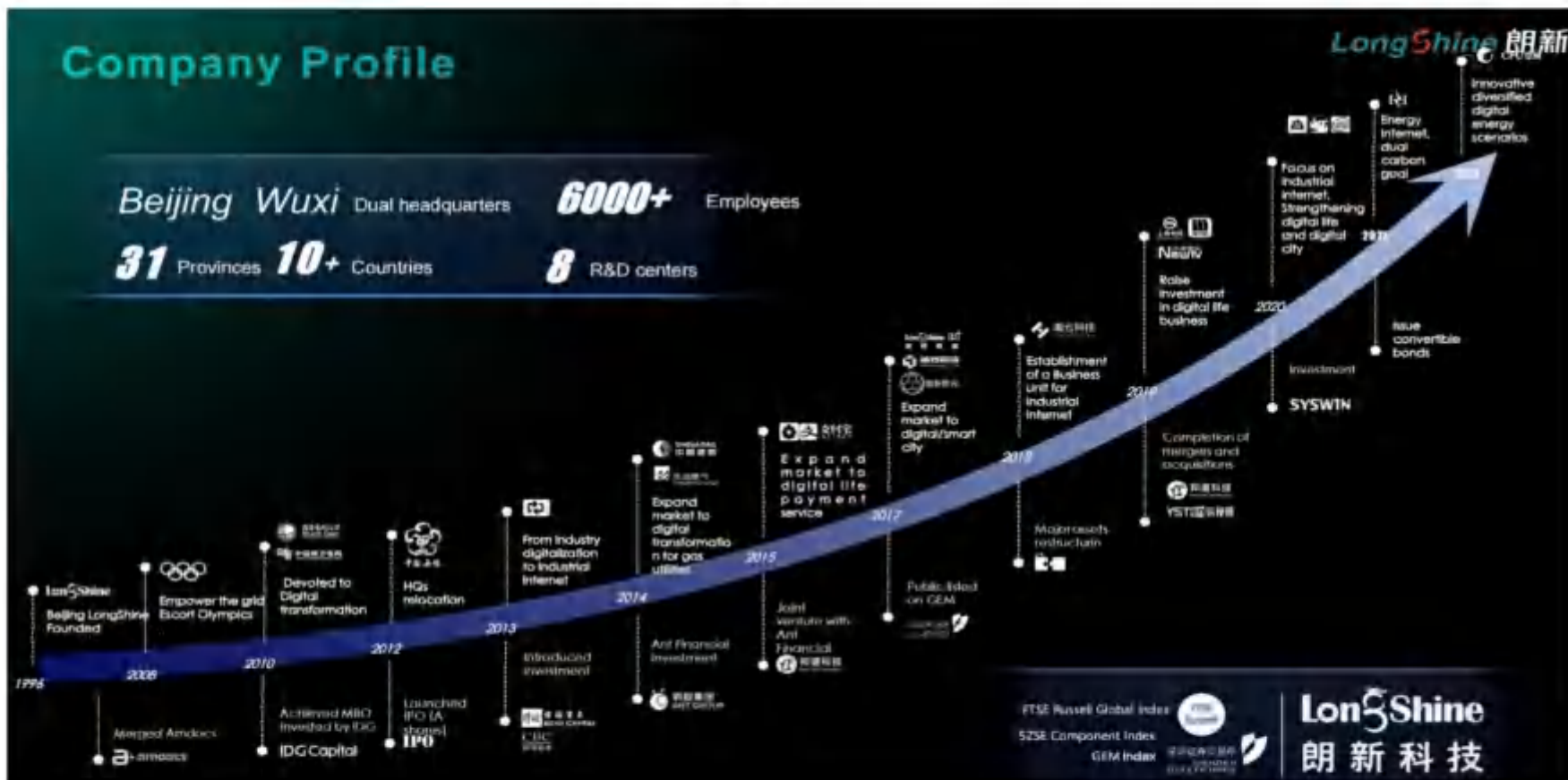


LongShine 朗新

As a leading energy technology enterprise in the industry, LongShine Group has long been deeply engaged in the field of electric energy consumption, focusing on the dual round strategy of "energy digitalization and energy internet", building an energy scene in cities, industries and life, and promoting green and low-carbon development of the industry with new generation of digital, artificial intelligence, Internet of Things, power electronics technology and other new quality productivity.

Company Profile

Beijing Wuxi Dual headquarters **6000+** Employees
31 Provinces **10+** Countries **8** R&D centers



SJEF Overview



Suzhou Shijing Technology Co., Ltd. (SJEF) , founded in April 2005, has been a leading player of environmental pollution treatment with full Solution of Water, Air, Soil worldwide. Most remarkable performances have been highlighted in various industries, i.e. PV, Semiconductor, Pharmaceutical, Chemical, Cement, Steel, Metallurgy, etc.

Only in PV Sector, our treatment solutions cover over 75% of TOP50 companies, like LONGI, JINKO, Trina Solar, Canadian Solar.

AMBATURE Overview



Ambature, Inc. is the technology leader in A-axis superconductive materials, processes and the surrounding intellectual property.



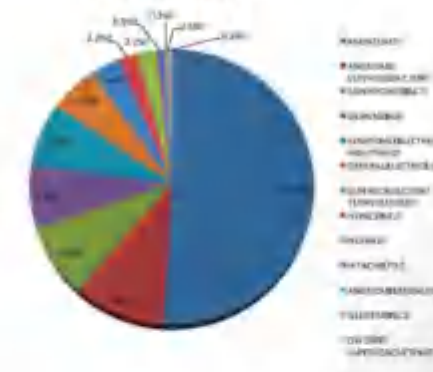
Ambature' s differentiation and barriers to entry are based on:

- Producing the thinnest, superconducting A-axis films in the world based on proprietary methods and trade secrets. Most other materials are manufactured along the C-axis. Superconducting current prefers the physical properties of A-axis materials.
- Producing materials that increase efficiency where material performance is otherwise impacted by electrical resistance. These materials also hold the promise of superconductivity at Freon/ambient temperatures.
- 200 patent applications granted or filed around the world in the largest economies.(Australia, Canada, China, Europe, Hong Kong, India, Israel, Japan, Korea, Russia and USA).

IP Portfolio Structure



Patent Claims



AMTC Overview



In 2021, Shanghai Jizhen Intelligent Technology Co., Ltd. was established, focusing on the industrial ecological development of additive manufacturing. Driven by the innovation technology research and development of additive manufacturing industry, the company has built a full chain solution and industrial management of research and development, data, design, production and service, and won the "National high-tech Enterprise" and Shanghai "Specialized new Enterprise".



After rapid development, Jizhen Intelligent has owned a full-link digital system for additive manufacturing (PLM, ERP, MES, CRM, BI), the largest closed-source 3D product database in China, and completed the research and development of metal, precious metal, non-metal, large-scale printing materials and production processes, has declared 77 intellectual property rights, and has industrial scale production capacity. The market application covers construction, decoration, consumption, film and television, cultural and creative, industry, automobile, aerospace, medical, scientific research and other fields, and has cooperated with more than 200 well-known customers at home and abroad.



Shanghai
AMTC / Non-metal additive Manufacturing Center



Shanghai
AMTC / Precious Metals Additive Manufacturing Center



Huangshan
AMTC / Large-scale building printing R & D and production base

AMTC Overview



In 2021, Shanghai Jizhen Intelligent Technology Co., Ltd. was established, focusing on the industrial ecological development of additive manufacturing. Driven by the innovation technology research and development of the additive manufacturing industry, the company has built a full chain solution and industrial management encompassing research and development, data, design, production, and service. It has been recognized with the "National High-tech Enterprise" and "Shanghai Specialized New Enterprise" awards.

After rapid development, Jizhen Intelligent has developed a full-link digital system for additive manufacturing, which includes PLM (Product Lifecycle Management), ERP (Enterprise Resource Planning), MES (Manufacturing Execution System), CRM (Customer Relationship Management), and BI (Business Intelligence). The company boasts the largest closed source 3D product database in China and has completed research and development in various fields such as film and television, cultural and creative industries, automotive, aerospace, medical, and scientific research. Jizhen Intelligent has also established cooperation with more than 200 well-known customers both domestically and internationally.

AMTC Overview



BASF Additive Manufacturing Technology Center (Huangshan Plant) is located in Huangshan City, Anhui Province, covering a total area of 26 acres with a plot ratio of 2.0. It is the comprehensive base for our 3D printing production, which is currently under construction at a cost of 150 million yuan.

The center aims to introduce leading foreign enterprises from various printing fields to establish a leading 3D printing industry-wide production demonstration base in the Asia-Pacific region. It is expected to be completed by the end of 2024.

The facility will include a CMF (Color, Material, and Finish) Laboratory & Materials Museum, as well as facilities for color printing, large-scale printing, high-temperature ceramic printing, SLS (Selective Laser Sintering) printing, and DLP (Digital Light Processing) printing. It will showcase materials developed by BASF.

Additionally, the center will feature an Exhibition Hall, Café, Roadshow Hall, office area, training center, restaurant, and dormitory, among other amenities.

AMBATURE Overview



Ambature designs, grows, and fabricates superconducting materials and devices. Ambature have the largest IP portfolio focusing on high temperature superconductors in the world with more than 3,800 patent claims covering computing, sensing, and clean energy applications. Ambature's materials and processes enable, for the first time, large-scale commercialization of superconducting technologies.



Contributions to Vision 2030

- Develop economic ties with global partners
- Build a knowledge economy based on advanced technology
- Establish national capabilities in R&D and advanced manufacturing
- Develop the digital economy
- Develop our brightest minds in priority fields
- Reduce carbon emissions and promote sustainability
- Localize edge technology & knowledge
- Build a knowledge economy based on advanced technology
- Reduce carbon emissions and promote sustainability



Technology Partners



Massachusetts
Institute of
Technology

CORNELL
UNIVERSITY



UNIVERSITY OF
WATERLOO



patsnap



Adobe Sign

SUNY POLYTECHNIC
INSTITUTE

Braintree

A PayPal Service

Carnegie Mellon University

Business Partners



BOE

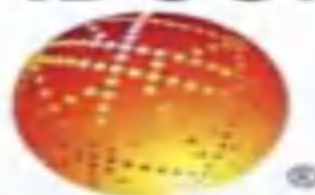


HITACHI

TOSHIBA



Qualcomm



STATE GRID
CORPORATION OF CHINA

GreenCert Overview



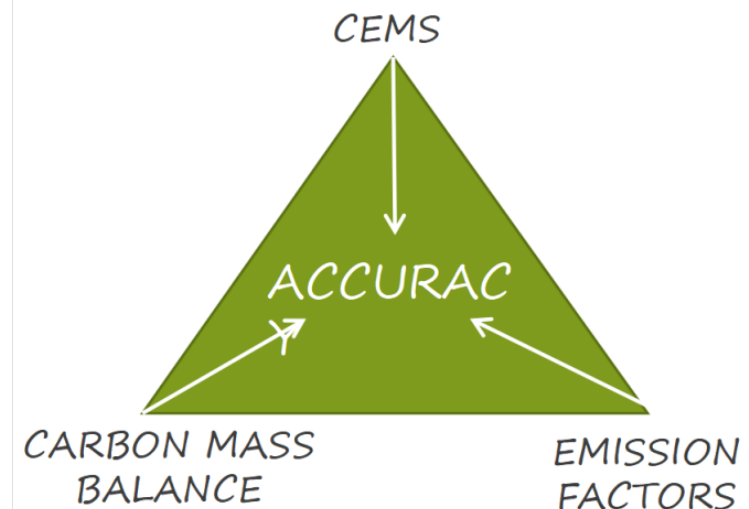
GreenCert provides the world's only accurate, real-time MRV (Measurement, Reporting, and Verification) system for greenhouse gas emissions. GreenCert's proprietary technology solves the critical global problem of inaccurate CO and methane reporting, which undermines carbon markets and climate action.

GreenCert is the essential partner for compliance with major policies like China's ETS and the EU's CBAM. the solution not only ensures integrity but also reveals emissions are 15-20% lower than currently reported, delivering significant cost savings.

With proven technology, a world-class team, and a strong foothold in China, GreenCert is positioned to become the global standard. Offer a unique, high-return investment opportunity to lead this vital market.

GreenCert™ Technologies

Triangulation is our Proprietary IP



Trendzone Overview



First main board listed company in the decoration industry of Shanghai

(stock code: 603030)

Founded in 1998, Shanghai Trendzone Holding Group Co., Ltd. is a pioneering leader in the decoration industry. Our diverse business portfolio encompasses wellness, affordable housing, technology parks, office spaces, education, healthcare, and high-end custom solutions. At the heart of our operations is a commitment to technological innovation, which serves as our core competitive advantage. We provide comprehensive, integrated solutions that cover market research, design, construction, production, operations, and service.



Middle East Smart Building Industrial Park



Trendzone are planning to introduce industrial parks in the Middle East to form industrial clusters, further unleashing industrial potential and establishing a full industrial chain locally covering product design, R&D, procurement, production, sales and logistics.



The PC-MIC industrial chain centers on "design-production-construction-operation & maintenance", covering the entire upstream and downstream segments, which can be divided into three major sectors: "raw materials & core technology supply-modular production & integrated manufacturing-construction installation & application services".

A large, glowing globe with silhouettes of people standing around it, set against a background of bokeh lights.

Chapter 4

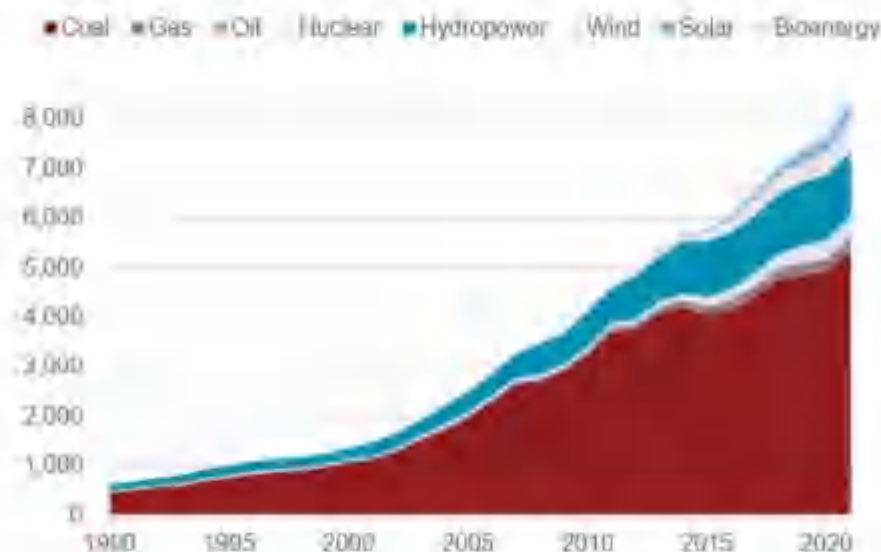
Our Industry Focus

1 China's Growing Energy Demand Drives Rapid Growth in Clean Energy Resources and Technologies

28.91% of electricity in China comes from **Renewables Technology**, including hydropower, solar, wind, biomass & waste, geothermal, wave, and tidal sources.

Electricity production by source, China

Energy production (TWh)



BP Statistical Review of World Energy;
Ember Yearly Electricity Data (2022);
Ember European Electricity Review (2022).

The costs for solar, wind and battery storage have dropped markedly since 2010 and are expected to decline further in the near future. This rapid fall in costs could have a large effect on energy system investment and policies.

- As China races toward its carbon peaking (2030) and carbon neutrality (2060) goals, meeting growing domestic energy demand while reducing carbon emissions and dependence on fossil fuels has become a top priority.

CARBON EMISSION REDUCTION IN 3 STAGES

Stage 1

Reach the peak by 2030 as soon as possible. To be the first to reach the peak of 4.5 billion tons of carbon in 2025. In 2028, China will reach the peak of 10.2 billion tons of carbon in energy and 10.9 billion tons in the whole society.

Stage 2

Accelerate decarbonization from 2030-2050. By 2050, electricity emissions will be nearly zero, and carbon emissions from energy and the whole society will be reduced to 1.8 billion and 1.4 billion tons respectively, down 80% and 90% from the peak.

Stage 3

Achieve full neutrality between 2050-2060, and strive to achieve net zero carbon emissions of the whole society around 2055, before achieving carbon neutrality before 2060.

SOURCE: GEIDCO

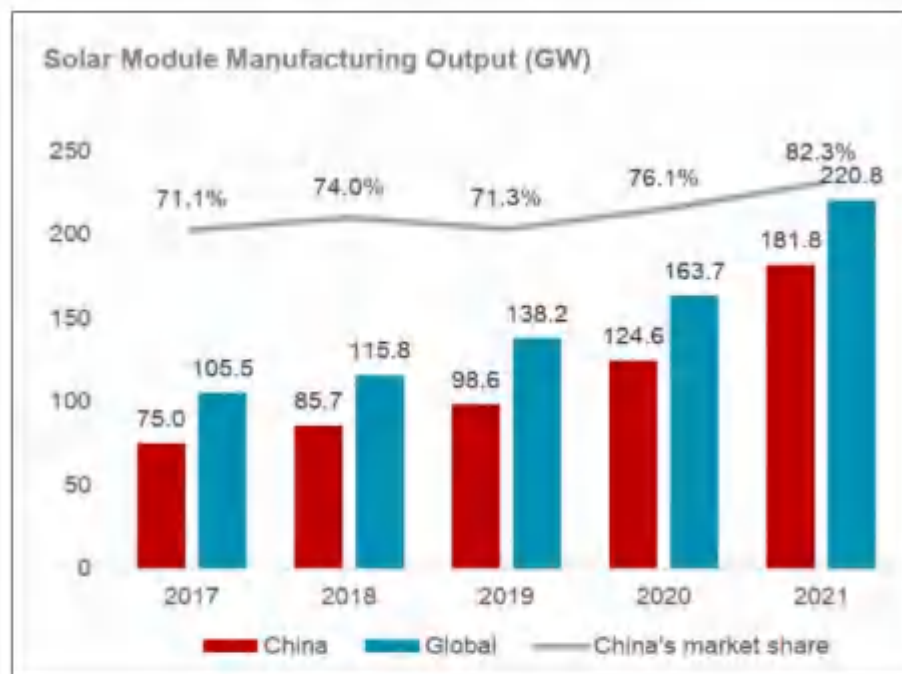
CAPACITY AND PROPORTION OF POWER SUPPLY INSTALLED

Unit:	2020		2030		2040	
B Kilowatt	Capacity	Proportion	Capacity	Proportion	Capacity	Proportion
Wind	2.8	12.7%	8	21.0%	25	31.2%
Solar	2.5	11.3%	10.25	27.0%	38	47.4%
Hydro	3.7	16.8%	6.54	14.8%	7.6	9.3%
Coal	10.8	49.0%	10.5	27.6%	0	0.0%
Gas	0.98	4.3%	1.65	4.3%	3.2	4.0%
Nuclear	0.6	2.3%	1.08	2.3%	2.5	3.1%

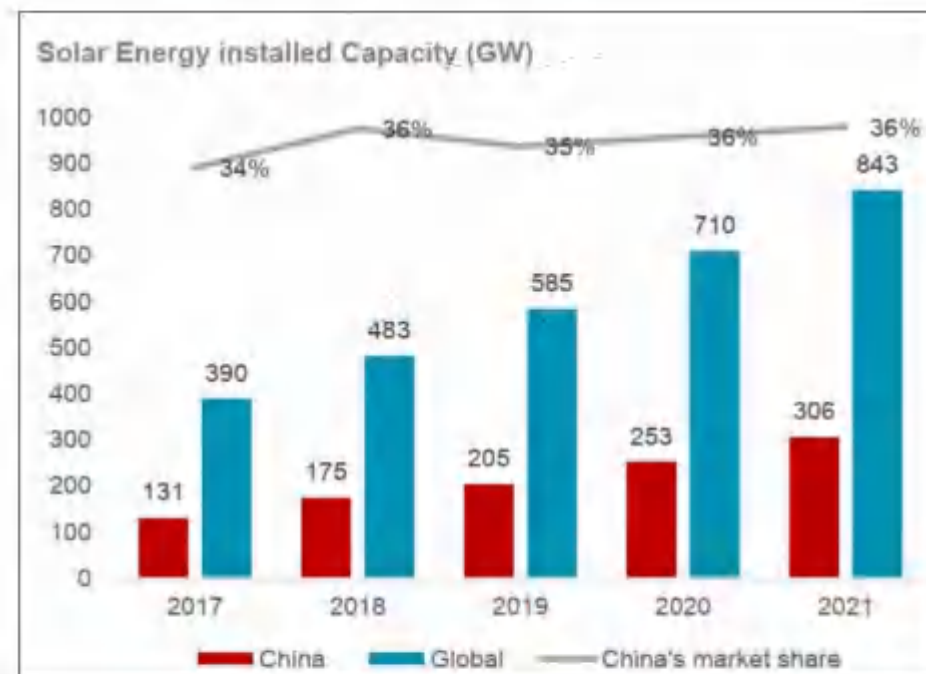
① Nowhere is China's Leading Position Clearer than in Clean Energy Sector

- China is now the world's largest investor in clean energy, while its rapid growth over the past four decades has also resulted in it becoming its largest consumer of energy, too.
- China is investing vast resources into the development of clean energy, building groundbreaking facilities with new technologies and constructing clean, low carbon, safe and energy efficient systems to actively move towards a more sustainable system.

82.3% of world's solar modules are produced in China, making China the world largest solar energy producing country.

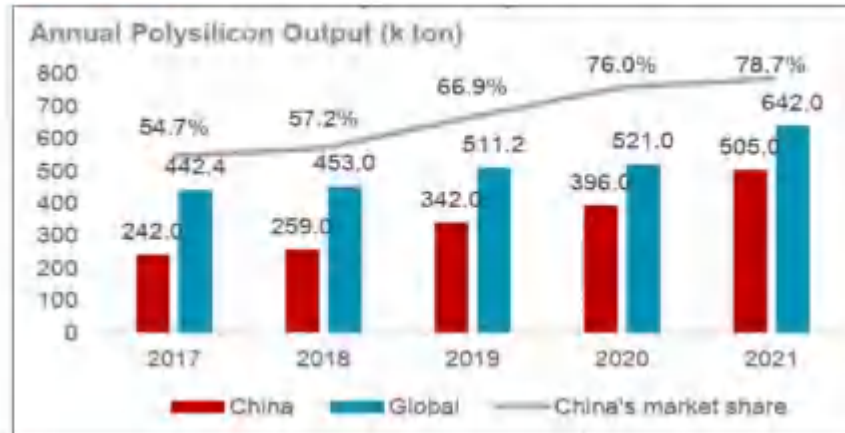


36% of world's solar energy capacity is installed in China. China is now one of largest clean energy producing countries.

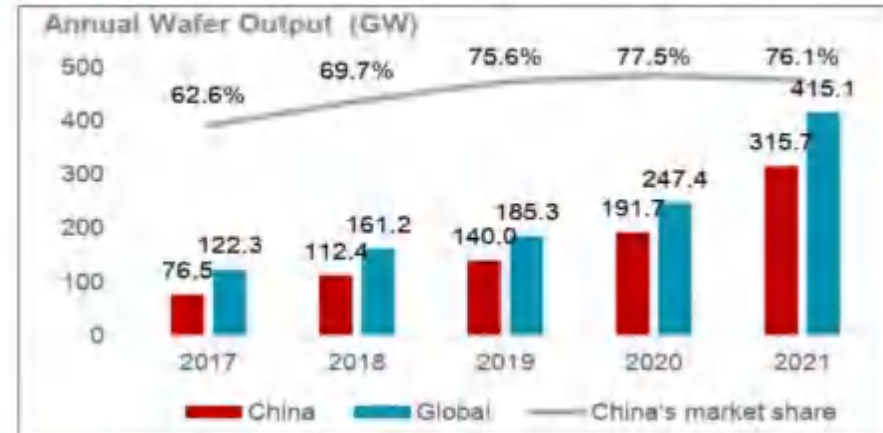


① Module and Operation are Supported by a Strong Upstream and Midstream Supply Chains

78.7% of world's Polysilicon are produced in China



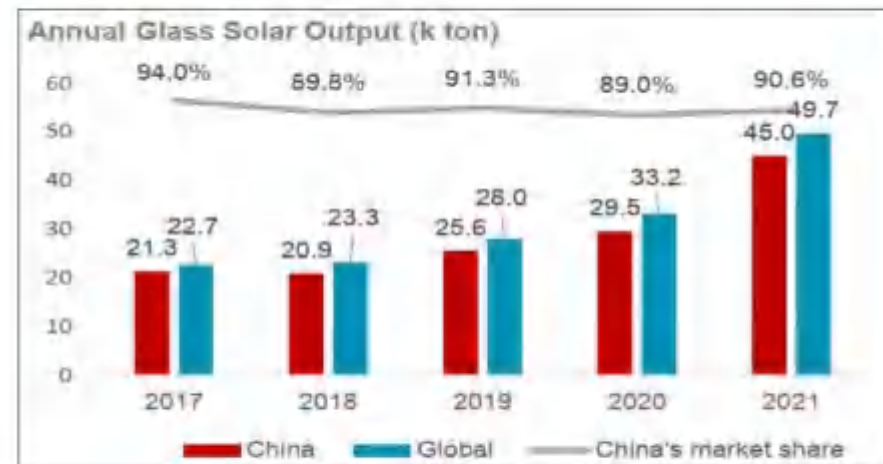
76.1% of world's Solar Wafer are produced in China



85.1% of world's Solar Cell production capacity from China



90.6% of world's Solar Glass are produced in China

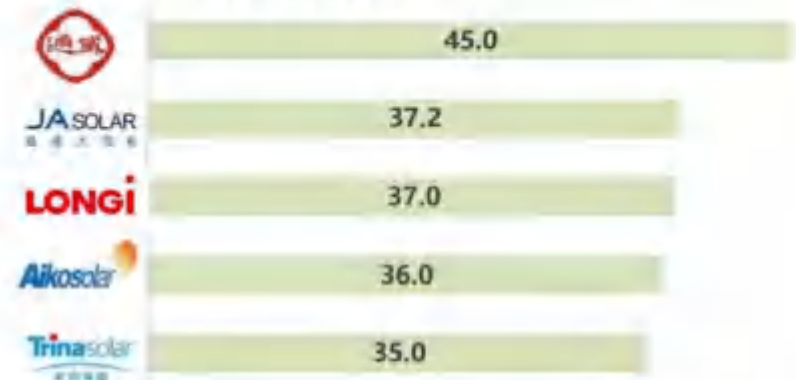


① Chinese Companies are Leading the Industry in all Sectors of Photovoltaic Production

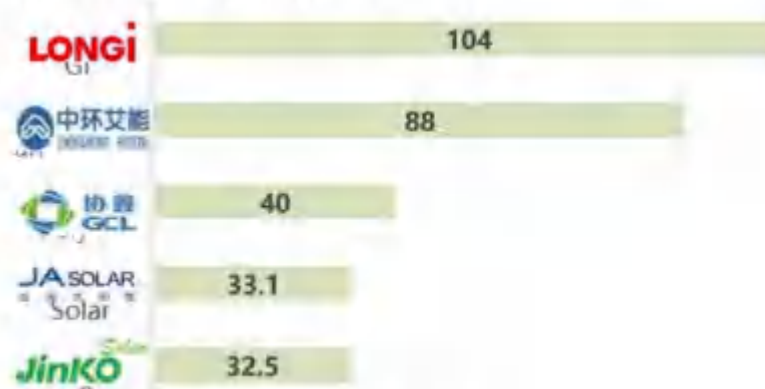
Top 5 Polysilicon materials companies in 2021
(production capacity Kilotons)



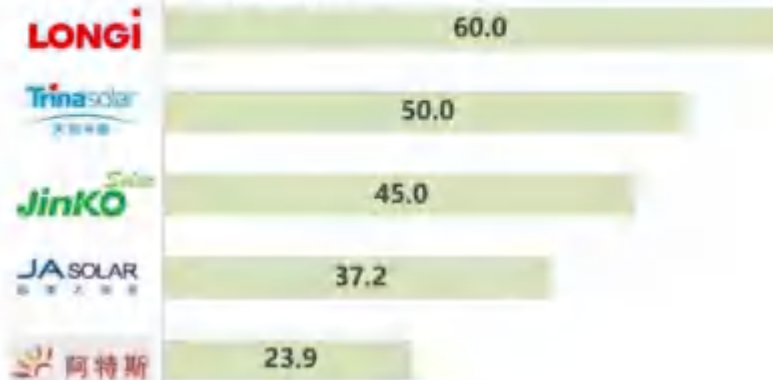
Top 5 Cell materials companies in 2021
(production capacity GW)



Top 5 Wafer materials companies in 2021
(production capacity GW)



Top 5 Module companies in 2021
(production capacity GW)



Chinese Companies

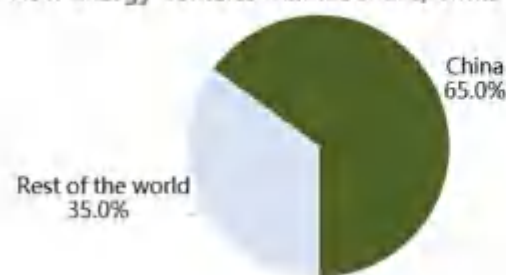
Non-Chinese companies

- China has built a complete and world-leading industrial supply chain in Photovoltaic industry.
- Chinese companies have just begun to develop the Middle East market. And CGI can serve as a bridge to promote local cooperation of China's solar power industries in the Middle East.

2 China Leads the World in Deployment and Manufacturing of Electric Vehicles

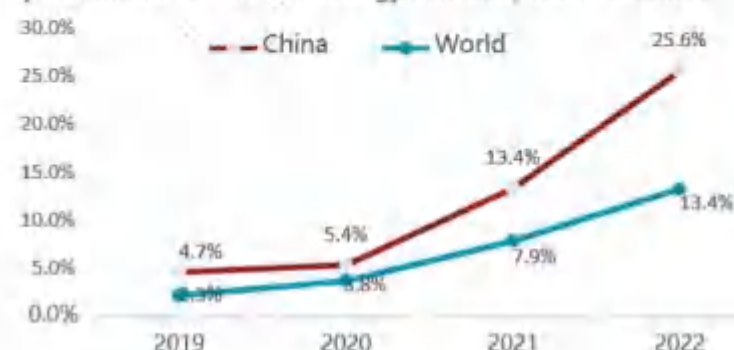
65.0% of Electric Vehicles are sold in China in 2022. Chinese companies have reversed the situation of lagging behind international brands in the era of fuel vehicles

New Energy Vehicles market share, China & World



25.6% penetration rate of new energy vehicles in China.

penetration rate of new energy vehicles, China & World



9 out of the Top 10 EV brands are Chinese companies. In 2022, BYD ranked No.1 in Chinese new energy vehicle market, while Tesla ranked No.3 and sold 0.44 million new energy vehicle in China. In the field of new energy vehicles, Chinese brands are ahead of Tesla, Benz, BMW and other world brands

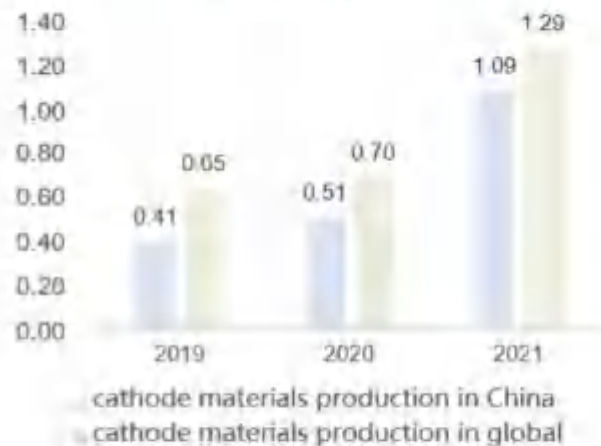
Ranking of new energy vehicle sales (Millions), year 2022, China



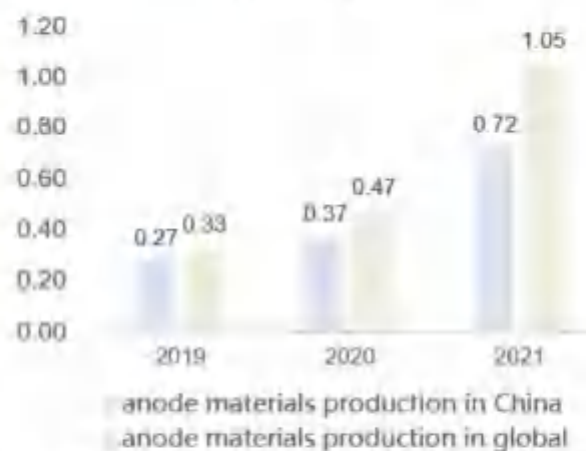
2 China has Established World's Largest Battery Raw Materials Processing and Manufacturing Industry

China ranks 1st in the world in terms of the production capacity of lithium ion batteries cathode materials, anode materials and lithium ion batteries.

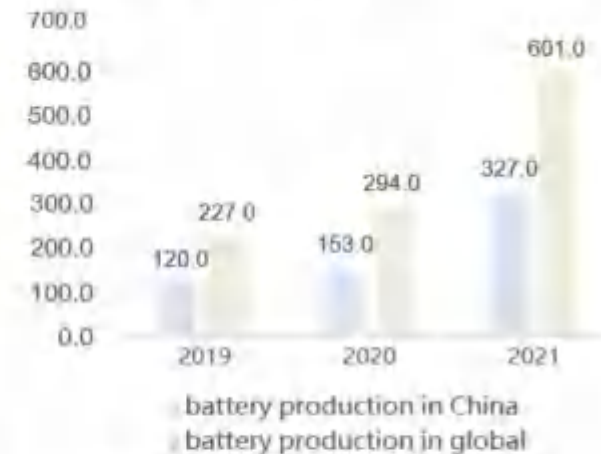
Cathode materials production in China & Global
(million tonnes)



Anode materials production in China & Global
(million tonnes)



Batteries production in China & Global
(GWh)



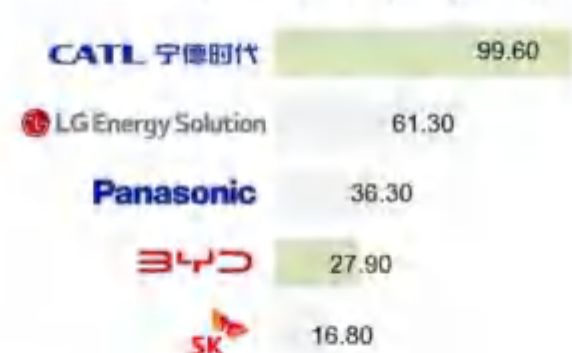
Top 5 cathode materials companies in 2021
(production capacity kilotons)



Top 5 anode materials companies in 2021
(production capacity kilotons)



Top 5 battery companies in 2021
(production capacity GWh)



② Chinese Companies along the EV Supply Chain Have Great Potential to Become Segment Leaders

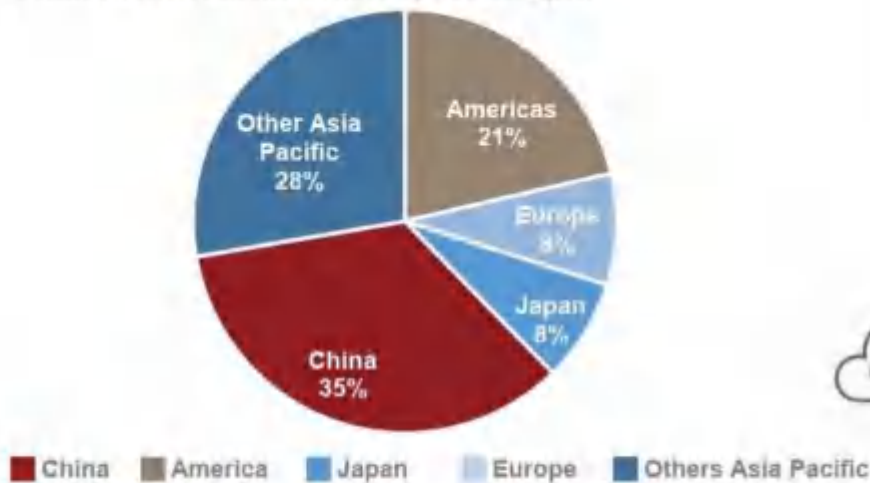


With the rapidly-rising penetration rate of new energy vehicles in China, more Chinese company along the supply chain may find their way to become segment leaders in the world. CGI is ready to grasp the great opportunity with its partners.

3 China is World's Largest Semiconductor Buyer

34.6% of World's Semiconductors, including logic, analog, memory and other chips, goes to China Market

Semiconductor market share by nation/region



Benefiting from the development of consumer electronics, data center, automobile and other industries in the downstream of China, China's semiconductor market continues to grow

China semiconductor market size (billion USD)



Semiconductor is essential in various industries while new applications and needs are still emerging along with technology evolution

Consumer electronics



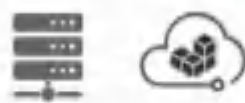
Automotive electronics



Security



Data center



Communication



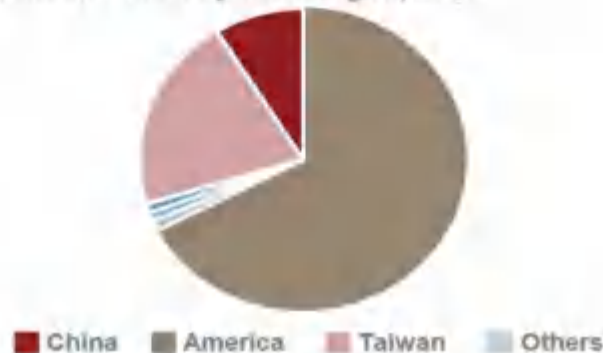
Industrial



3 Chinese Fabless, Foundries and OSAT Weight Significantly Globally

9% of World's Fabless revenue comes from Chinese companies. Chinese companies are catching up fast and challenging the dominance of American companies

Fabless market share by nation/region, 2021



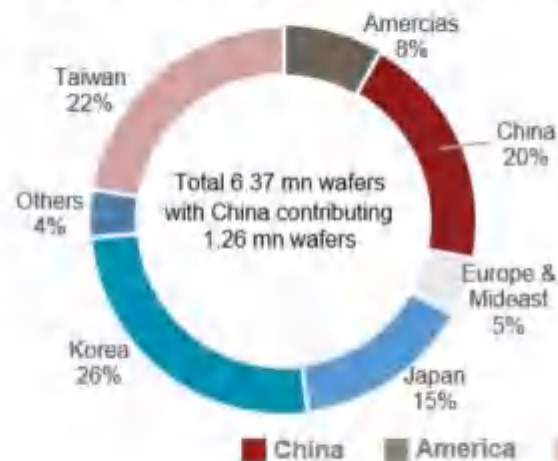
52.3% of World's OSAT revenue China Market. China leads the world in Outsourced Semiconductor Assembly and Testing Industry

Global and China OSAT market size (bn USD)

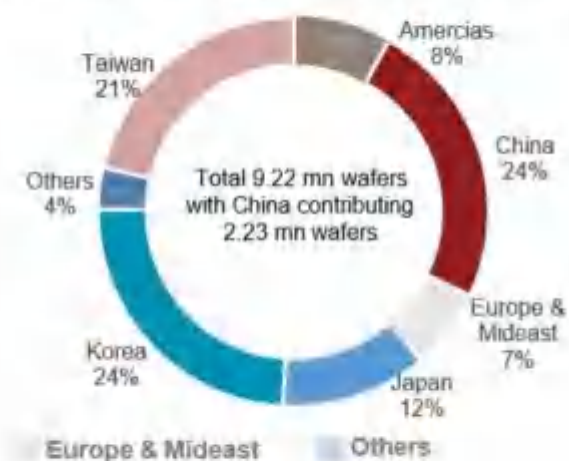


The world is investing in chip manufacturing and China is investing more. China's share in chip wafer capacity will grow from 19% to 24%

Wafer capacity in 300mm Eqs market share by nation/region 2021



Wafer capacity in 300mm Eqs market share by nation/region 2025E



3 China is Developing a Semiconductor Supply Chain from Design & Fabrication to Equipment & Materials

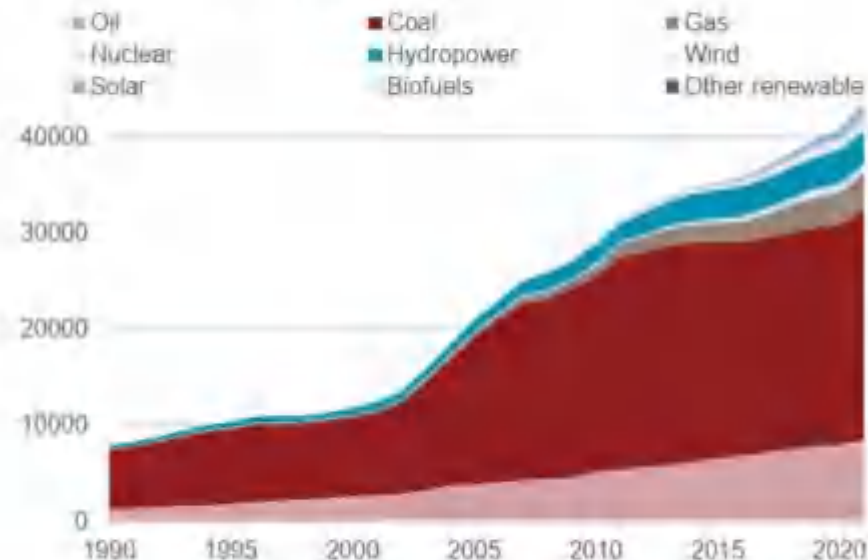


- China is one of the few countries with the R&D and production capacity of the entire semiconductor industry chain, from upstream Raw materials and Equipment to downstream Foundries, Outsourced Semiconductor Assembly and Testing Plants, and Fabless companies.
- CGI has established connections with many leading semiconductor companies in China to facilitate cooperation between China and the Middle East in semiconductor production.

CGI's Commitment to Investing in China Energy Infrastructure Facilitates Energy Trade with the Middle East

28.06% of China Energy consumption rely on oil and gas. China will remain highly reliant on imports over the medium to long term to meet demand for oil and gas.

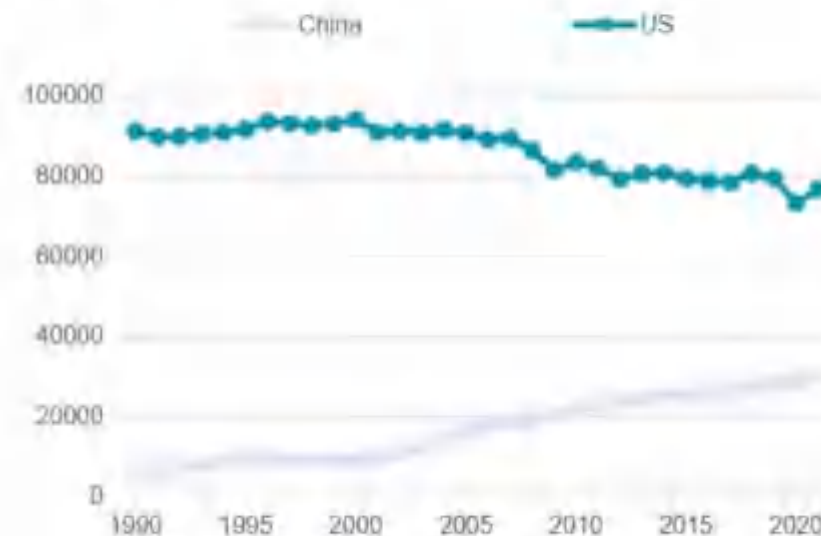
Energy consumption by source, China
Energy consumption (TWh)



BP Statistical Review of World Energy;
Ember Yearly Electricity Data (2022);
Ember European Electricity Review (2022).

60% gap between US and China Energy consumption Per Capita shows China's energy consumption demand has not yet peaked

Energy use per person, China & US
Energy use (kWh)



BP Statistical Review of World Energy;
U.S. Energy Information Administration (EIA);
Bolt, Jutta and Jan Luiten van Zanden (2020)

- Despite rapid growth in Clean Energy Sector, the supply of clean energy cannot fill in China's fast growing energy demand.
- China's import demand for oil, natural gas and LPG in the Middle East will exist for a long time and continuous to grow.
- CGI has committed to develop China local energy distribution network through potential acquisition of LNG terminal and LPG local distribution operator to facilitate energy trade between China and Middle East.

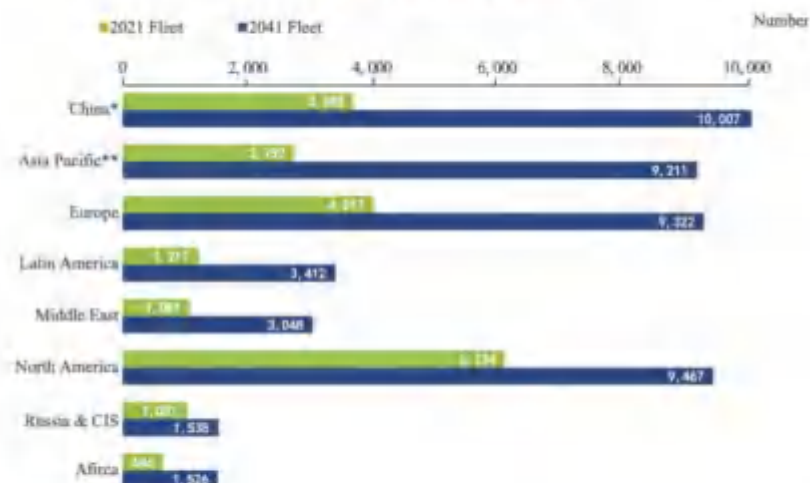
5 China is world's second-largest aviation market



5.6% annual growth is anticipated for China's RPKs over the next 20 years. Global RPKs are expected to grow at 3.9% annually, based on a 2.6% annual growth in the global economy until 2041.

3.9% growth is predicted for global Revenue Passenger Kilometers (RPKs) over the next 20 years, reaching 19.9 trillion passenger kilometers by 2041. This forecast is based on the global economy maintaining a growth rate of 2.6% (based on 2019 levels).

Global Fleet Forecast by Region



*China includes Hong Kong, Macao and Taiwan.

**Asia Pacific excludes China.

Source: COMAC, Cirium

Passenger Jet Fleet and Traffic Forecast Summary

	Global Total		China		
	Fleet	RPKs (trillion)	Fleet	% of global total	RPKs (trillion)
2021	20,563	4.5	3,695	18.0	0.8
2026F	26,578	10.8	5,296	19.9	2.0
2031F	32,637	18.5	6,995	21.4	2.7
2036F	39,035	16.5	8,376	21.5	3.5
2041F	47,531	19.9	10,007	21.1	4.4
2022-2041 CAGR	4.30%	3.90%	5.10%	-	5.61%

Source: IATA, Cirium

Global Traffic in 2021 and 2041



47,531 aircraft are expected to make up the global passenger aircraft fleet by 2041, which is 2.3 times the size of the fleet in 2021 (20,563 aircraft). By 2041, global Revenue Passenger Kilometers (RPKs) will be 4.4 times that of 2021 and 2.3 times that of 2019.

2022-2041 Passenger Jet Delivery Forecast Summary

		Global Total		China
		Deliveries	Market value (hundred million \$)	New deliveries
Regional jets	Small	160	50	0
	Medium	484	233	0
	Large	3,725	1,924	958
Single-Aisle	Small	2,092	1,890	260
	Medium	20,587	24,161	4,987
	Large	7,688	10,377	1,941
Twin-Aisle	Small	5,689	17,068	1,509
	Medium	1,466	5,892	477
	Large	539	2,612	52

Chapter 5

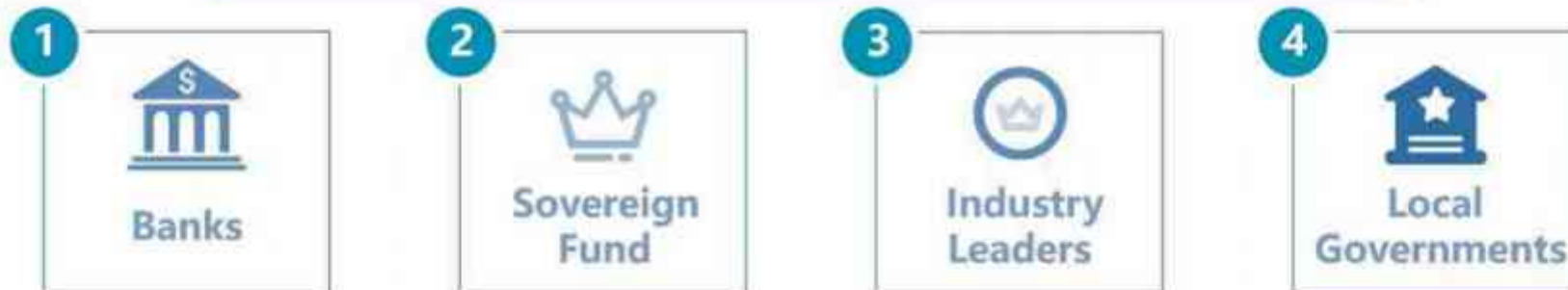
How We Differentiate in China



Partnerships Strengthen Our Establishment in China



*delivers values by leveraging expertise,
full resources of network, strategic
insights, and capital support from*



Synergies Build-up by Leveraging Resources from the Industrial Leaders



LONGi

World largest solar monocrystal silicon manufacturer and China's No.1 solar enterprise

Jinko

World's leading solar module company with top ranked module shipments over years

国家电投 SPIC

World's largest solar power generation company and Top 3 nuclear power development and construction operators in China

北京能源集团有限责任公司 Beijing Energy Holding Co., Ltd.

World's leading clean energy solution provider covering solar, wind, hydro, hydrogen, etc.

北京燃气 BEIJING GAS

China's largest single urban gas supplier with top scale pipe network, gas users and consumption

Clean Energy

BYD

Global top-notch zero-emission energy solutions provider with No.1 EV sales volume

NIO

China leading high-end EV brand with extreme commitment to the product and R&D

LOTUS

World renowned luxury sports car brand with expertise in pure electric supercar

威马汽车 WELMOTOR

China leading EV brand focusing on mass markets and intelligent mobility

Electric Vehicle

SMIC

Global leading foundries and the front runner in manufacturing capability, scale, and comprehensive service

中微微电子 CE MICRO

China's leading semiconductor enterprise capable of integrated operation of the whole industrial chain

UNISOC

Global leading 5G chip design company with expertise in large-scale chip and complete peripheral chip integration

Empyrean

Leading EDA and services provider to the global semiconductor industry with complete solutions

Semiconductor

ZTE中兴

Global leading integrated communication information solution provider serving over 1/4 people worldwide

mi

Global leading consumer electronics and smart manufacturing company with Top 3 smartphone shipments globally

oppo

Global leading smart device innovator serving 500 million people worldwide

vivo

Design-driven product-led company providing smart terminals and services with 200 million annual shipments

5G

National 5G Innovation Center

China's only state-level innovation center in the 5G field to commercialize cutting-edge technologies

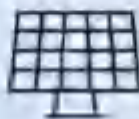
Communication Technology

Bring more leading Chinese enterprises with CGI to Saudi Arabia



- As demonstrated in Saudi Vision 2030, to develop local renewable energy and technology sectors as part of their efforts to diversify its economies and reduce their dependence on oil and gas exports.
- Through investing in China's Solar Energy, EV, Semiconductor and Energy Distribution industry, we could achieve GCC countries' visions and goals by leveraging China's leading position in such sectors, while gaining capital appreciation supported by rapid development of these industries and Chinese companies.

Solar Energy



- China has significant expertise and experience in the development and deployment of solar energy, and this could be of great benefit to the Middle East as it seeks to diversify its energy mix and reduce its dependence on fossil fuels.
- Cooperation between the two regions could include the transfer of technology, investment in the development of solar energy infrastructure, and joint research and development projects.

Electric Vehicles



- China has become a key player in the global EV industry, both as a consumer of EVs and as a producer of electric vehicles and components.
- Through investing in Chinese EV companies, we could cooperate with Chinese EV brands and supply chain companies to support the development of local EV production capacity in the Middle East, providing job opportunities and helping build a low-carbon transportation system.

Semiconductor



- China is the largest market for semiconductors globally, accounting for over 1/3 of the world's total demand.
- As China is working to develop its own independent semiconductor, the China's semiconductor companies have potential to cooperate with the Middle East to build a more secure and self-sufficient supply chain.

Energy Distribution



- Despite the rapid growth in Clean Energy Sector, China's growing energy demand is still reliant on Gas and Oil import.
- Through investing in China local energy distribution infrastructure, such as LNG terminal and residential gas distribution network, We can facilitate the energy trade between China and the Middle East.



Thank you

info@cgi-fund