

2027 GERMAN ENTREPRENEUR DELEGATION (CHINA GREATER BAY AREA)

>>>

🕒 15. -23. MAY, 2027

2027

► 德国企业家中国行（粤港澳大湾区）

🕒 2027年5月15日-23日



日程安排

🕒 5月15-16日 星期六-星期日 📍 德国法兰克福—广东省深圳市

5月15日 12:00-05:30 (+1) CA722 法兰克福T1-深圳宝安T3

5月16日 抵达深圳 & 机场接机, 前往酒店

- 12:30-13:30 酒店入住&团组休整
- 14:00-17:30 深圳城市游览 (推荐南山滨海创新线, 深圳湾公园-华侨城创意文化园-万象天地)
- 18:00-20:00 欢迎晚宴

🕒 5月17日 星期一 📍 广东省深圳市

- 09:30-11:30 中德智能制造与运营卓越(深圳)专题对接会
拟与深圳市中小企业服务局、深圳市南山区工业和信息化局、深圳市机器人协会, 以及研祥集团、雷赛智能、越疆科技、华成工控、大族电机等机构及专精特新、制造业单项冠军企业交流对接
- 11:30-13:00 午餐交流&休息
- 14:00-15:10 参观考察研祥集团(EVOC)
- 15:40-16:50 参观考察雷赛智能
- 17:10-18:10 参观考察越疆科技(DOBOT)
- 18:30-20:00 工作晚餐交流

🕒 5月18日 星期二 📍 广东省深圳市—广东省珠海市

- 09:30-10:40 参观考察华成工控
- 11:00-12:10 参观考察大族电机
- 12:20-14:20 午餐交流
- 14:30-16:00 酒店入住&休整
- 17:00-21:00 珠海城市游览 (推荐参观珠海大剧院、沿海栈道)

🕒 5月19日 星期三 📍 广东省珠海市

- 09:30-11:30 中德专精特新企业与产业创新(珠海)专题对接会
拟与珠海高新区投资促进中心、珠海高新区科技创新和产业发展局、珠海高科金投, 以及云洲智能、博威电气、炬芯科技、珠海泰芯半导体、珠海海奇半导体等专精特新及细分领域领先企业交流对接
- 11:30-13:00 午餐交流&休息
- 14:00-15:10 参观考察珠海云洲智能科技股份有限公司
- 15:40-16:50 参观考察珠海博威电气股份有限公司
- 17:10-18:10 参观考察炬芯科技股份有限公司
- 18:30-20:00 工作晚餐交流

🕒 5月20日 星期四 📍 广东省珠海市

- 09:30-10:40 参观考察珠海泰芯半导体有限公司
- 11:00-12:10 参观考察珠海光库科技股份有限公司
- 12:20-14:30 午餐交流&休息
- 14:30-19:30 珠海城市游览 (推荐会同古村、唐家共乐园)

🕒 5月21日 星期五

📍 广东省珠海市—香港特别行政区 / 上海临港新片区

方案A 经香港返程

- 09:30–11:00 经港珠澳大桥前往香港
- 11:30–20:30 香港城市游览
- 20:30–21:30 乘车前往香港国际机场
- 23:25–06:20 (+1) LH797 香港国际机场T1–法兰克福T1

方案B 上海延伸行程

- 09:00–11:30 珠海城市游览
- 11:30–12:00 工作简餐
- 12:00–13:00 乘车前往珠海金湾机场
- 14:45–17:15 MU5290 珠海金湾–上海浦东T1；酒店入住&休整
- 18:00–20:00 欢迎晚宴

🕒 5月22日 星期六

📍 上海临港新片区

- 09:00–11:30 参观考察理想万里晖半导体设备（上海）股份有限公司、上海上飞飞机装备制造股份有限公司、上海锡华机械工程有限公司、赛卓电子科技（上海）股份有限公司
- 12:00–13:30 午餐交流
- 14:00–18:00 上海城市商务环境考察&团组自由交流
- 18:00–20:00 晚餐交流

🕒 5月23日 星期日

📍 上海市—德国法兰克福

- 08:00–09:00 乘车前往上海浦东国际机场
- 11:05–17:15 CA935 上海浦东T2–法兰克福T1

ITINERARY DRAFT

🕒 Saturday, May 15–Sunday, May 16 📍 Frankfurt am Main, Germany — Shenzhen, Guangdong Province

15 May

- 12:00–05:30 (+1) Flight CA722 Frankfurt International Airport (FRA)–Shenzhen Bao'an International Airport (SZX)

16 May Arrival in Shenzhen & Coach Transfer to Hotel

- 12:30–13:30 Hotel check-in & Rest
- 14:00–17:30 City Tour in Shenzhen(Recommended Nanshan Coastal Innovation Route: Shenzhen Bay Park–OCT–LOFT Creative Culture Park–MixC World)
- 18:00–20:00 Reception Dinner

🕒 Monday, May 17 📍 Shenzhen, Guangdong Province

- 09:30–11:30 Sino–German Special Matchmaking Session on Intelligent Manufacturing & Operational Excellence in Shenzhen(Proposal) Exchanges and networking with Shenzhen Municipal Small- and Medium-sized Enterprises Service Bureau, Nanshan District Bureau of Industry and Information Technology, Shenzhen Robotics Association, as well as institutions and specialized new & manufacturing unihorns and champions including EVOC, Leadshine Technology, Dobot, Hancheng Industrial Control and Han's Motor
- 11:30–13:00 Lunch Break & Free Networking
- 14:00–15:10 Business visit to EVOC
- 15:40–16:50 Business visit to Leadshine Technology
- 17:10–18:10 Business visit to DOBOT
- 18:30–20:00 Working Dinner & Exchanges

🕒 Tuesday, May 18 📍 Shenzhen, Guangdong Province — Zhuhai, Guangdong Province

- 09:30–10:40 Business visit to Hancheng Industrial Control
- 11:00–12:10 Business visit to Han's Motor
- 12:20–14:20 Lunch Break& Networking
- 14:30–16:00 Coach transfer to Zhuhai (travel via Hong Kong–Zhuhai–Macao Bridge) Check-in & Rest
- 17:00–21:00 City Tour in Zhuhai (Recommended Route: Zhuhai Grand Theatre–Coastal Boardwalk)

🕒 Wednesday, May 19 📍 Zhuhai, Guangdong Province

- 09:30–11:30 Sino–German Special Matchmaking Session on Specialized New Enterprises & Industrial Innovation in Zhuhai
(Proposal) Exchanges and Networking with Zhuhai Hi-Tech Zone Investment Promotion Center, Zhuhai Hi-Tech Zone Bureau of Science, Technology, Industry & Development, Zhuhai Hi-Tech Golden Investment, as well as specialized new and leading businesses in niche sectors “, including” Yunzhou Tech, Bowei Electric, Actions Semiconductor, Zhuhai Taixin Semiconductor and Zhuhai Haiqi Semiconductor
- 11:30–13:00 Lunch Break & Free Networking
- 14:00–15:10 Business visit to Zhuhai Yunzhou Tech Co., Ltd.
- 15:40–16:50 Business visit to Zhuhai Bowei Electric Co., Ltd.
- 17:10–18:10 Business visit to Actions Semiconductor Co., Ltd.
- 18:30–20:00 Working Dinner & Exchanges

🕒 Thursday, May 20

📍 Zhuhai, Guangdong Province

- 09:30–10:40 Business visit to Zhuhai Taixin Semiconductor Co., Ltd.
- 11:00–12:10 Business visit to Zhuhai G&H Technology Co., Ltd.
- 12:20–14:30 Lunch Break & Free Networking
- 14:30–19:30 City Tour in Zhuhai (Recommended Route: Huitong Ancient Village, Tangjia Gongle Garden)

🕒 Friday, May 21

📍 Zhuhai, Guangdong Province — Hong Kong SAR, or Lingang Special Area, Shanghai

Option A Return via Hong Kong

- 09:30–11:00 Travel to Hong Kong by Coach via Hong Kong–Zhuhai–Macao Bridge
- 11:30–20:30 City Tour in Hong Kong
- 20:30–21:30 Coach Transfer to Hong Kong International Airport
- 23:25–06:20 (+1) Flight LH797 Hong Kong International Airport (HKG) T1–Frankfurt Airport (FRA) T1

Option B Extended Visit to Shanghai

- 09:00–11:30 City Tour in Zhuhai
- 11:30–12:00 Light Meal
- 12:00–13:00 Coach transfer to Zhuhai Jinwan Airport (ZUH)
- 14:45–17:15 Flight MU5290 Zhuhai Jinwan Airport (ZUH)–Shanghai Pudong International Airport (PVG) T1 Transfer to Lingang New Area; Hotel check-in & Rest
- 18:00–20:00 Reception Dinner

🕒 Saturday, May 22

📍 Lingang Special Area, Shanghai

- 09:00–11:30 Business visits to Li–de Wanlihui Semiconductor Equipment (Shanghai) Co., Ltd., Shanghai Shangfei Aircraft Equipment Manufacturing Co., Ltd., Shanghai Xihua Mechanical Engineering Co., Ltd., Saizhuo Electronic Technology (Shanghai) Co., Ltd.
- 12:00–13:30 Lunch Break & Free Networking
- 14:00–18:00 Businessenvironment experience tour in Shanghai & Free Networking
- 18:00–20:00 Dinner & Exchanges

🕒 Sunday, May 23

📍 Shanghai — Frankfurt am Main

- 08:00–09:00 Transfer to Shanghai Pudong International Airport
- 11:05–17:15 Flight CA935 Shanghai Pudong International Airport (PVG) T2–Frankfurt Airport (FRA) T1

SHENZHEN

| Shenzhen Small and Medium-sized Enterprises Service Bureau

The Shenzhen Small and Medium-sized Enterprises Service Bureau is responsible to coordinate policies and public services for small and medium-sized enterprises in Shenzhen, prepare development plans and annual programmes, administer dedicated SME funds, organise applications for national and local support schemes, and help resolve major operational issues affecting enterprises. Its work covers the tiered development of high-quality SMEs, including specialised and innovative enterprises, as well as financing support, entrepreneurship and innovation bases, public service platforms, digital transformation, management training, market development and the protection of lawful business rights. The bureau also promotes cooperation among SMEs, larger companies, research institutions, industry associations and professional service providers. Further responsibilities include handling SME complaints, supporting modern corporate governance, monitoring enterprise development, publishing statistical and policy information, and coordinating public service resources across Shenzhen's SME support system.

| Industry and Information Technology Bureau of Nanshan District, Shenzhen

The Industry and Information Technology Bureau of Nanshan District is the district authority responsible for industrial and information technology policy. It formulates and implements sector plans, monitors industrial performance, serves major enterprises, and coordinates programmes for new industrialisation and advanced manufacturing. Its remit includes industrial fixed-asset investment, corporate technological upgrading, the allocation and supervision of industrial space, and the administration of relevant parts of Nanshan's special fund for high-quality industrial development. The bureau supports the development of Nanshan's major clusters in electronic information, artificial intelligence, robotics and intelligent manufacturing, while promoting digital transformation, technology deployment and the upgrading of traditional industries. Its published responsibilities also cover dedicated plans for priority, emerging and competitive industries; industrial guidance for urban-renewal projects involving manufacturing land; major technological transformation projects; and the supervision of industrial premises. It additionally organises application-scenario programmes for robotics and coordinates business services and implementations relating to key industrial projects.

| Shenzhen Robotics Association

Founded in September 2009 and at the initiative of the Shenzhen Institute of Advanced Technology under the Chinese Academy of Sciences, the Shenzhen Robotics Association is a non-profit industry organisation and one of China's earlier professional robotics associations. Its membership spans industrial, service, medical, educational and special-purpose robots, together with artificial intelligence, core components, research institutions and system integrators. The association conducts industry research and publishes the Shenzhen Robotics Industry Development White Paper. It also organises technical forums, supply-and-demand exchanges, industry-academia programmes, market development activities, international exchanges, investment events and industry awards. The association also develops member-service, industrial-capital, research-cooperation and international exchange platforms, and participates in group standards, vocational training, industry statistics, technology communication, brand promotion and talent development.

EVOC Hi-Tech Holding Group Co., Ltd.

EVOC started operations in 1993, while EVOC Hi-Tech Holding Group Co., Ltd. was incorporated in 1997. Headquartered in Shenzhen, the group focuses on industrial computing, industrial artificial intelligence and on-site computing infrastructure. It entered the industrial-control market with proprietary EVOC special-purpose computers and subsequently developed three principal business areas: industrial field equipment, central computing equipment and industrial software platforms. Its current portfolio includes industrial AI computers, edge computing systems, industrial AI servers and gateways, industrial large-model and application-development platforms, AI code readers, intelligent inspection terminals, liquid-cooled server systems and smart-park solutions. These products serve industrial internet, rail transport, energy and power, aerospace, advanced equipment and intelligent manufacturing applications. EVOC combines hardware design, equipment manufacturing, system integration and industry-specific software development, and has participated in national and industry standards for special-purpose computers. Its portfolio has expanded from conventional industrial computers to industrial AI edge computing, liquid-cooled servers and scenario-based software and hardware platforms.

Shenzhen Leadshine Technology Co., Ltd.

Shenzhen Leadshine Technology Co., Ltd., commonly known as Leadshine, traces its motion-control business to 1997 and was incorporated in 2007. The company listed on the Shenzhen Stock Exchange in 2020. It develops core motion-control components and solutions for intelligent equipment manufacturers, including stepper drive systems, servo systems, motion-control cards, standalone controllers, programmable logic controllers and robot components. Its products are used in electronics and semiconductor equipment, industrial robots, new-energy machinery, logistics systems, machine tools, printing and packaging equipment, and medical devices, and are also sold internationally. Leadshine integrates control algorithms, drives, motors and application-specific process requirements to support multi-axis coordination, high-precision positioning and complex trajectory control. The company has expanded its product structure into four principal areas: stepper systems, servo systems, control technologies and robot components. More recent development has included higher-performance servo platforms, encoders, frameless motors, joint drives and other components for collaborative and humanoid robots.

Shenzhen Dobot Corp Ltd

Shenzhen Dobot Corp Ltd was founded in 2015 and is headquartered in Shenzhen. The company listed on the Main Board of the Hong Kong Stock Exchange in December 2024. Dobot develops, manufactures and commercialises collaborative and intelligent robots. Its portfolio includes four-axis collaborative robots, six-axis collaborative robots, mobile manipulators and embodied-intelligence robots, with representative product families including CR, CRA, Nova, MG400, M1 Pro and Magician. These systems are used in automotive and new-energy manufacturing, 3C electronics, equipment production, food and beverage, healthcare, education, research and commercial retail. Typical tasks include machine tending, assembly, inspection, handling, palletising, welding and flexible production. Dobot follows an integrated hardware-and-software approach encompassing robot bodies, controllers, drive systems, algorithms, software platforms and application processes. The company has established an international sales and service network, deployed more than 100,000 collaborative robots, and developed business in over 100 countries and regions.

Shenzhen Huacheng Industrial Control Co., Ltd.

Shenzhen Huacheng Industrial Control Co., Ltd., known as Huacheng Industrial Control, was founded in 2005 and listed on China's National Equities Exchange and Quotations in 2021. The company specialises in motion-control technology and develops linear-robot control systems, articulated-robot control systems, integrated control-and-drive systems and related supporting products. Its proprietary integrated architecture combines controller and drive functions, reducing electrical configuration and commissioning requirements while improving the integration efficiency of robots and automated equipment. The company's systems are used in plastics processing, metalworking, 3C electronics, packaging, lithium-battery manufacturing and new-energy industries, supporting palletising, handling, soldering, dispensing, spraying, bending and machine tending. Its product development has expanded from injection-moulding manipulator controls to multi-joint robot control, industrial cloud platforms, digital-twin functions and control technologies for embodied and humanoid robots. The resulting product structure combines controllers, drives, software and industry-specific processes, with emphasis on openness, real-time performance and coordinated multi-axis motion.

Shenzhen Han's Motor S&T Co., Ltd.

Founded in 2005, Shenzhen Han's Motor S&T Co., Ltd. is a wholly owned subsidiary of Han's Laser Technology Industry Group Co., Ltd. and serves as the group's principal platform for precision motion control and core functional components. The company develops and manufactures direct-drive motors, high-performance and high-speed precision motors, servo-control systems and integrated motion products. Its portfolio includes linear motors, torque motors, semiconductor vacuum motors, magnetic-levitation motors, coreless motors, frameless motors, robot motors and joint modules, voice-coil motors, encoders, servo motors, precision motion stages and air-bearing platforms. Han's Motor combines electromagnetic design, drive control, precision feedback and multi-physics simulation to deliver integrated motor, drive, encoder and motion-platform solutions. Products are used in semiconductor equipment, precision machine tools, laser systems, medical devices, 3C electronics, lithium batteries, photovoltaics, display panels, printed circuit boards and robotics. The company has participated in national standards, filed or obtained more than 230 patents, and established core technology capabilities in motor design, drive control and precision encoding.

ZHUHAI

I Zhuhai National High-Tech Industrial Development Zone (Zhuhai Hi-tech Zone)

Approved by the State Council in 1992 as one of China's first national high-tech zones, Zhuhai National High-Tech Industrial Development Zone operates through a multi-park structure centred on the Tangjiawan industrial park and coordinates the development of several specialised industrial areas. The zone outlines the strategic blueprint and core developmental goal of being a modern economic, high-tech, or pilot free-trade zone. Its key industries include integrated circuits, intelligent manufacturing, artificial intelligence, biomedicine and medical devices, software and information services. Tangjiawan Industrial Park brings together universities, research institutes, technology companies, incubators and industrial funds, combining research, technology transfer, business growth and urban support functions. The zone supports businesses through industrial policies, investment promotion, science and technology programmes, talent services, government-guided funds and industrial premises. Its innovation system links public administration, technology services, state-owned investment platforms, incubators, university science parks and overseas-student entrepreneurship parks.

I Investment Promotion Center of Zhuhai High-Tech Industrial Development Zone

The Investment Promotion Center of Zhuhai High-Tech Industrial Development Zone is a public-service institution responsible for investment attraction and investment-cooperation services within the zone. It implements national, provincial and municipal policies on opening-up and investment promotion, prepares regional investment plans, and presents the zone's industrial environment, policy framework, business premises and priority projects to domestic and overseas organisations. Its duties include identifying target enterprises and investment institutions; organising project negotiations, investment conferences, seminars and business visits; coordinating site selection and expansion projects; and supporting the implementation of major investments. The centre also undertakes domestic and international investment-promotion activities commissioned by the zone's administrative committee. Its operational focus is the early-stage identification of projects, communication with investors and coordination throughout the implementation process. Its work covers investment planning, enterprise contact, project assessment, premises matching, signing coordination, project implementation, maintenance of a priority-project database, collection of investment information and communication of the local business environment.

I Science, Technology, Innovation and Industrial Development Bureau of Zhuhai High-Tech Industrial Development Zone

The Science, Technology, Innovation and Industrial Development Bureau is the principal administrative department for science, technology and industrial development in Zhuhai High-Tech Industrial Development Zone. It is responsible for the innovation system, industrial planning, business development and project administration. The bureau implements policies in science and technology, industry and information technology; supports research platforms, R&D institutions, technology incubators and technology-transfer organisations; and manages development services for high-tech enterprises, technology-based SMEs and specialised and innovative companies. Its work also covers industrial performance analysis, major-project monitoring, technological upgrading, digital transformation, industry-academia-research programmes, intellectual property, technology finance and the administration of relevant special funds and technology programmes. Internal functions include general coordination, science and technology innovation, industrial development and business services. The bureau therefore forms a central part of the zone's administrative system for commercialising research results, developing industrial clusters, monitoring the industrial economy and coordinating innovation resources.

| Zhuhai Gaoke Jintou Venture Capital Management Co., Ltd.

Zhuhai Gaoke Jintou Venture Capital Management Co., Ltd. was established in September 2017 and previously operated as Zhuhai Gaoke Venture Capital Management Co., Ltd. It is a state-owned investment-management platform of Zhuhai High-Tech Industrial Development Zone. The company manages private-equity and venture-capital funds serving the zone's industrial-development objectives. Its fund structure is centred on district-level angel and industrial investment funds, with an emphasis on seed-stage, early-stage and growth-stage technology companies. Investment policy follows the principle of investing early, investing in smaller companies and investing in technology. Priority sectors include integrated circuits, biomedicine, medical devices, advanced manufacturing and other strategic emerging industries. The company expands its coverage through directly managed funds, participation in sub-funds and cooperation with market-oriented institutions. In addition to capital, it undertakes project screening, industry research, resource coordination, follow-on financing and post-investment management. Its activities cover the full investment cycle from project analysis and investment decision-making to portfolio management and exit.

| Zhuhai Yunzhou Intelligence Technology Co., Ltd.

Zhuhai Yunzhou Intelligence Technology Co., Ltd., widely known as the OceanAlpha, was founded in 2010 and specialises in unmanned surface vessels, water-surface robots and related professional services. Its technology platform covers autonomous navigation, environmental perception and obstacle avoidance, multi-vessel cooperative control, communications links and mission-payload integration. The company has developed unmanned vessels for environmental monitoring, marine survey, public security, rescue and other operations, together with industry-specific water-surface automation solutions. Its systems are designed to replace or reduce human involvement in dangerous, repetitive or inefficient tasks on water. Applications include smart water-area management, water-quality and ecological monitoring, hydrographic and marine surveys, offshore engineering, public safety, emergency rescue and technology-based cultural tourism. The company holds more than 500 authorised patents, and its products have entered over 50 countries and regions. Its capabilities extend beyond vessel manufacture to control systems, algorithms, sensor integration, payload systems and application engineering, forming a coordinated product structure that combines platforms, intelligent control and mission solutions.

| Zhuhai POWINT Electric Co., Ltd.

Zhuhai POWINT Electric Co., Ltd. was established in 2006. Its technical development can be traced to a fast-break overcurrent controller produced in 1998, and the company has since specialised in distribution-automation terminals and intelligent power-distribution equipment. Its principal products include feeder terminal units (FTUs), distribution terminal units (DTUs), distribution-automation management systems, equipment operation and maintenance systems, and products for intelligent distributed power networks. These systems support network monitoring, fault identification, isolation and service restoration, as well as intelligent maintenance. POWINT has developed engineering research capabilities for distribution terminals and new power sources and works with universities, research institutes and power-sector organisations on small-current grounding protection, hybrid AC/DC distribution, microgrids and next-generation terminal technologies. The company holds close to 100 patents, and its distribution-automation terminals have been deployed in numerous regions of China in quantities reaching hundreds of thousands. Its product development now extends from conventional distribution terminals to active distribution networks, digital grids, microgrids and other technologies required by power systems with greater renewable generation and energy-storage integration.

Actions Technology Co., Ltd.

Actions Technology Co., Ltd. was founded in 2014 and is headquartered in Zhuhai. It listed on the Shanghai Stock Exchange STAR Market in 2021. Operating as a fabless semiconductor company, Actions develops low-power artificial-intelligence-of-things chips, with a focus on mid- to high-end smart-audio system-on-chip products, edge AI processors, portable audio and video SoCs, and low-power wireless connectivity products. Its chips are used in Bluetooth speakers and earphones, wireless home-theatre systems, wireless microphones, smart watches, gaming headsets, voice remote controls, smart-office devices and other edge-AI products. The company's technology base includes audio coding and decoding, high-performance ADC/DAC signal chains, low-power design, Bluetooth radio-frequency and protocol-stack technology, mixed-signal circuits, sensor hubs and audio algorithms. Actions provides chips together with embedded software, algorithms and reference designs, enabling customers to shorten terminal-product development cycles. Its product evolution has extended from Bluetooth audio solutions toward higher-compute edge AI processors, human-machine interaction and wearable applications.

Zhuhai Taixin Semiconductor Co., Ltd.

Zhuhai Taixin Semiconductor Co., Ltd. was founded in 2016 and develops wireless communication chips, system-on-chip products and modules for artificial-intelligence-of-things applications. Its technical coverage includes radio frequency, low-power circuitry, audio and video processing, processor architecture, wireless protocols, embedded systems and AI algorithms. The portfolio includes Wi-Fi HaLow, Wi-Fi 4 and Wi-Fi 6 chips, wireless microcontrollers, audio/video Wi-Fi SoCs, wireless transceivers, modules and development boards. Wi-Fi HaLow, based on IEEE 802.11ah, combines longer transmission distance, low power consumption and practical bandwidth for security cameras, smart doorbells, smart homes, industrial IoT systems, smart metering, drone video links and logistics robots. Taixin has placed Wi-Fi HaLow chips into mass production and obtained China's first Wi-Fi CERTIFIED HaLow certification. It also participates in the Wi-Fi Alliance, International SparkLink Alliance and Wi-SUN Alliance. The company integrates protocol implementation, RF and baseband design, module development and terminal reference solutions within one technical system.

Zhuhai HiChip Semiconductor Co., Ltd.

Zhuhai HiChip Semiconductor Co., Ltd. was established in November 2018 and specialises in multimedia system-on-chip design and solution development. Its technology strategy combines display processing, multimedia coding and decoding, device interconnection and application-layer protocols around an architecture described as separation of computing and display, AI cloud rendering and terminal display. The company supplies chips and system solutions for smart offices, smart homes, intelligent entertainment and smart vehicles. Its products are used in projectors, portable monitors, wired and wireless screen-casting devices, in-vehicle infotainment systems, VR, AR and XR equipment, and commercial displays. Cumulative chip shipments have reached tens of millions of units. HiChip has developed capabilities in wireless display, USB and Type-C wired display, hardware keystone correction, image rotation and multi-operating-system compatibility. Its H1500 chip received an Outstanding Market Performance Product award under the China Chip programme. The company combines multimedia SoCs, terminal-interconnection protocols and reference designs, enabling participation from chip selection through complete device implementation.

Advanced Fiber Resources (Zhuhai), Ltd.

Advanced Fiber Resources (Zhuhai), Ltd., founded in 2000, listed on the ChiNext market of the Shenzhen Stock Exchange in 2017. The company designs, develops, manufactures and sells fibre-laser components, optical-communication components, and laser-radar source modules and devices. Its portfolio includes fibre isolators, combiners, fibre Bragg gratings, laser-output heads, polarisation-maintaining components, fibre arrays, lithium-niobate high-speed modulator chips and devices, and 1,550-nanometre lidar transmitter modules. These products serve industrial laser processing, data centres and high-speed optical communications, submarine optical networks, quantum communications, autonomous-driving lidar, biomedical systems, remote sensing and scientific research. The company is expanding in thin-film lithium-niobate photonic integration, high-speed modulation, co-packaged optics and optical circuit switching. Manufacturing and supply-chain capabilities are distributed across Zhuhai, Wuhan and overseas locations. Advanced Fiber Resources combines independent R&D with vertically integrated manufacturing and controls key processes, device packaging and reliability testing across several product lines.

SHANGHAI

I Lin-gang Special Area of the China (Shanghai) Pilot Free Trade Zone

The Lin-gang Special Area of the China (Shanghai) Pilot Free Trade Zone was established in 2019 with the initial launch area of 119.5 square kilometres. Lin-gang Special Area is intended to become a special economic function zone with strong international market influence and competitiveness. It pilots higher-level institutional opening in investment, trade, capital, transport, professional services and cross-border data flows. Priority industries include integrated circuits, artificial intelligence, biomedicine, civil aviation, intelligent new-energy vehicles and advanced equipment manufacturing. The area also uses Yangshan Deep-Water Port, Pudong International Airport and its comprehensive bonded zone to develop international shipping, new forms of trade, cross-border finance and supply-chain management. Dedicated measures cover foreign investment, cross-border renminbi transactions, bonded R&D and manufacturing, talent programmes and corporate income-tax treatment for selected industrial sectors.

I Ideal Energy (Shanghai) Sunflower Equipment Inc.

Ideal Energy (Shanghai) Sunflower Equipment Inc. was founded in 2013 and maintains its headquarters and R&D centre in Shanghai, together with a manufacturing base in Taixing and an automation base in Hefei. The company supplies production equipment for high-efficiency photovoltaic cells and broader semiconductor applications. It develops and manufactures wet-process, plasma-enhanced chemical vapour deposition and physical vapour deposition equipment for heterojunction, TOPCon, back-contact and perovskite tandem solar cells, and also provides turnkey line processes and technical services. Ideal Energy was among the earlier Chinese companies to develop PECVD equipment for heterojunction cells. Its technical capabilities include PECVD reactor structures, very-high-frequency RF systems, rapid plasma stabilisation, temperature control, PVD magnetron systems and integrated line processes for microcrystalline-silicon deposition and high-efficiency cell production. Its equipment has supported customers in achieving high crystalline-silicon cell conversion efficiencies and has contributed to the localisation of core heterojunction production tools. The technical team has also undertaken research and industrial projects supported by national ministries and the Shanghai municipal government.

I Shanghai Shangfei Aircraft Equipment Manufacturing Co., Ltd.

Shanghai Shangfei Aircraft Equipment Manufacturing Co., Ltd. was established in 1993. Headquartered in Shanghai, it also maintains operations of major aviation-industry centres in Shenyang, Chengdu and Nanchang. The company focuses on four principal business areas: aircraft component production, aircraft and engine part manufacturing, process-equipment development and manufacturing, and intelligent production lines. Its products and services include aircraft structural parts, standard components, tooling and fixtures, digital assembly equipment and automated manufacturing systems. Its major customers include organisations within COMAC, Aviation Industry Corporation of China and Aero Engine Corporation of China, placing the company within China's civil-aircraft and aero-engine supply chains. It combines aviation-parts manufacturing with production-line planning, specialised tooling design and intelligent system integration. Technical processes include CNC machining, sheet-metal forming, composite-material processing, assembly and inspection, and tooling manufacture, serving multiple domestic civil-aircraft programmes.

Shanghai Xihua Machinery Engineering Co., Ltd.

Shanghai Xihua Machinery Engineering Co., Ltd. was founded in 1998 and operates a production base in Shanghai's Lin-gang Special Area. The company designs, manufactures and sells lifting slings and intelligent lifting equipment and provides related after-sales services. Its portfolio includes wire-rope slings, chain and forged slings, ultra-high-molecular-weight polyethylene lifting belts, round and flat webbing slings, lifting beams, turning devices and customised intelligent lifting tools. These products are used in wind power, nuclear power, offshore engineering, power plants, steelworks, ports and heavy machinery. For large, heavy or non-standard lifting tasks, the company undertakes structural design, load calculation, manufacturing tests and on-site services, with equipment configured to the dimensions and operating conditions of components such as wind-turbine blades, towers and nacelles. Its independently developed single-blade wind-turbine lifting device received first-of-a-kind equipment recognition in China. The company's portfolio is organised around general slings, flexible lifting belts, non-standard lifting devices and intelligent lifting equipment, supported by load testing and quality traceability.

Semiment Technology Co., Ltd.

Semiment Technology Co., Ltd. was founded in 2011 and is headquartered in Shanghai's Lin-gang Special Area. It maintains R&D or sales operations in Hangzhou, Xi'an, Shenzhen and other locations, while its Zhejiang Semiyung subsidiary in Jiashan provides automotive-grade packaging and testing capacity. Semiment is an integrated-circuit design company specialising in high-performance and high-reliability analogue and mixed-signal chips for automotive electronics and industrial control. Its products include magnetic speed, position and current sensors, power-management devices, motor drivers and isolation-interface products. Applications include vehicle speed measurement, electronic accelerator-pedal position detection, new-energy-vehicle current sensing and industrial motor control. Selected products have passed AEC-Q100 automotive reliability testing. The company has established an automotive functional-safety development and management system aligned with ISO 26262. Its product structure includes three magnetic-sensor lines covering speed, position and current, with expansion into power management, motor drive and isolated interfaces. The Jiashan packaging and testing operation provides wafer testing, packaging, finished-product testing and reliability verification.

