

# **2024 Annual Results Management Presentation**

**March 2025**



## Cautionary Statement Regarding Forward-Looking Statements

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# Legend Holdings

Empowering Companies Toward Greatness



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# 1. 2024 Performance Highlights

RMB 512,806

Revenue (mn) \*

RMB 133

Net profit attributable to equity holders of the Company\* (mn)

During the Reporting Period, Legend Holdings posted revenue of RMB 512,806 million, an 18 % year-on-year increase. The net profit attributable to equity holders of Legend Holdings was RMB 133 million, achieving a turnaround from loss to profit. The increase was mainly attributable to the following factors: 1) The performance of Lenovo has significantly increased year-on-year; and 2) The investment business of the Company's industrial incubations and investments segment has seen a reduction in losses year-on-year, thanks to the improved market environment.

## AI Empowerment

- **Strong technology capability:** established a full-stack intelligent technology framework spanning “Device-Edge-Cloud-Network-Intelligence”, **launched groundbreaking AI PCs and AI Servers**, developed hybrid AI solutions, and introduced Lenovo AI Now, a multimodal intelligent agent close to L3 (industry-leading level) .
- **Investment empowerment:** built a portfolio of **over 270** investments in AI projects.
- **Expanding application scenarios:** applied “AI+” strategy **across multiple verticals** such as education, healthcare, transportation, manufacturing, and ESG, **creating a powerful demonstration effect**.
- **Ecosystem building:** actively expanding AI investments, and connected to leading AI solutions such as DeepSeek, Doubao, to build **an open AI ecosystem with diversified intelligences and efficient collaboration**.

## Intelligence Powers Future

- **R&D-driven innovation:** R&D expenses reached **RMB 15.8 billion**, up **7.34%** year-on-year, **creating a record high**.
- **Nurturing emerging industries:** made **over 100** new and follow-on investments in national strategic emerging industries including Embodied AI, low-altitude economy, quantum computing, and commercial aerospace to cultivate emerging sci-tech strength. **A total of over 180 portfolio companies were recognized as national specialized and innovative “little giants”**. During the Reporting Period, **13 portfolio companies went public**.
- **Achieving breakthroughs in core technologies:** leveraged independent technological breakthroughs to build core patent clusters, and established an industry-academia-research collaborative innovation ecosystem to accelerate innovation conversion for startups.
- **Traditional industries transformation:** capitalized on scientific and technological innovation strategy, contributing to the transformation and upgrading of traditional industries.

## Steady Growth & Sustained Profitability

- **Growth Indicators:** Revenue **increased by 18%** year-on-year, and net profit attributable to equity holders of the Company turned from loss to profit.
- **Operating cash flow continues to rise:** Increased from **RMB 8.96 billion** at the end of last year to **RMB 27.08 billion**.
- **Effective fund management:** Volume of cash reserves further increased to **RMB 66.764 billion**.
- **Strategic focus achievements:** through dividends and investment project exits, we achieved a **cash return of approximately RMB 8.15 billion**. In this way, we made progress in strategic investments. Notably, through strategic partial exits of portfolio companies such as JC Finance & Leasing, and EAL, we **achieved efficient release and optimal allocation of investment resources while freeing up resources room for major investments in strategic emerging industries**.

## Green-Responsibility Commitment

- **Sustainable Summit in ESG Excellence:** Lenovo has achieved an **AAA rating in the MSCI ESG Ratings for three consecutive years**, the only non-green company with that rating. Its 2050 net-zero target across the entire value chain has been certified by international authorities. **It is the world leader in warm-water liquid cooling technology**.
- **Pioneer in green material industries:** Levima Group cultivated expertise in green industries such as photovoltaic adhesive film materials and biodegradable materials, contributing to China's dual carbon goal and the Beautiful China Initiative.
- **Breakthroughs in photovoltaic transformation technology:** the first phase of ZQET's 20GW solar cell project commenced operation, with industry-leading technological indicators, accelerating its presence in the new energy industry.
- **Start-up incubator :** Legend Star has trained **1,364 entrepreneurs** in the past 16 years, focusing on cutting-edge technologies and medical health, achieving remarkable results in incubating hard-technology-based start-ups.



# 2. Legend Holdings' business footprint

Legend Holdings is devoted to revitalizing the country through business, reinforcing China's technological innovation-driven development strategy, and focusing on the real economy to develop its two primary business segments, namely, diversified-industries operation and industrial incubations and investments.

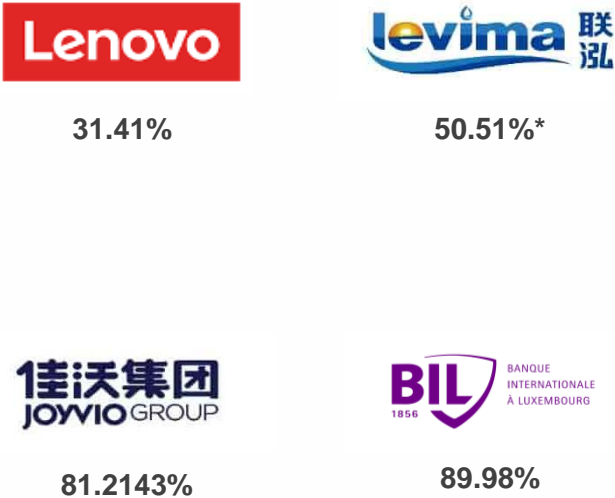
Revitalizing the country through business is our long-term mission and pursuit.

Diversified-industries operation segment serves as the cornerstone of our long-term development.

Technological innovation drives our future growth.

- Through strategic management, operational enhancements, resource allocation, financial support, and value-added services, Legend Holdings is committed to building pillar industries and incubating or investing in promising start-ups and growth-stage companies, aiming to drive the sustained growth of the Company's overall value and contribute to the high-quality development of China's economy.

## Diversified-industries Operation



## Industrial Incubations and Investments



Note: 1. The above chart only shows the equity interests held by Legend Holdings in some of its portfolio companies as of December 31, 2024; 2. 50.51% is the proportionate equity interests held by Legend Holdings in Levima Advanced Materials through Levima Group

# 3. Forging strategic resilience in diversified-industries operation to strengthen the business foundation

*During the Reporting Period, the diversified-industries operation segment posted a revenue of RMB 508.201 billion, a year-on-year increase of 18%; and net profit attributable to equity holders of Legend Holdings of RMB 3.963 billion, up 29% year-on-year. By reinforcing the stability of its industrial foundation, Legend Holdings sustained momentum in its development and positioned itself for long-term growth.*

Companies	Industry Position	Operating Performance
Lenovo	<ul style="list-style-type: none"><li>No.1 PC manufacturer worldwide</li><li>No. 1 supercomputer manufacturer worldwide</li><li>The leading global manufacturers of servers</li><li>No. 10 in Gartner’s Global Supply Chain &amp; No.1 in Gartner’s Asia-Pacific Supply Chain</li><li>No. 1 in the global TOP 500 and Green 100 rankings</li></ul>	<p><b>Seized the opportunity of the rise of AI, driving the coordinated progress of all businesses through innovative achievements, and continuously enhancing overall profitability.</b> Lenovo posted a revenue of RMB 468.886 billion, up by 19% year-on-year. This was driven by the growth of various business segments. The net profit attributable to equity holders of Legend Holdings increased by 74% year-on-year to RMB 3.44 billion:</p> <ul style="list-style-type: none"><li>The PC business reinforced its market leading position, further expanding its industry leading advantage by outperforming the market’s average growth rate, and maintaining its position as an industry leader in profitability. Smartphone operations emerged as a growth highlight, with revenue surging by 28% year-on-year during the Reporting Period.</li><li>With the advancement of the diversified and differentiated strategy, the non-PC revenue share reached a record high of 46%, reflecting continuous optimization of its business structure.</li><li>ISG business revenue hit a record high and achieved a turnaround from loss to profit in the fourth quarter.</li><li>SSG business delivered its 15 consecutive quarters of double-digit year-on-year revenue growth with over 20% operating margin and registered a revenue of RMB 12 billion, an 15% increase year on year.</li></ul>
Levima Group	<ul style="list-style-type: none"><li>Leading in the substitution of EVA photovoltaic materials in domestic market</li><li>Leading market shares of products in domestic multiple niche segmented fields</li></ul>	<p><b>Remained committed to its innovation-driven development strategy, proactively adapting to market conditions and navigating challenges by leveraging its core competitive advantages.</b> In 2024, Levima Group recorded a revenue of RMB 6,441 million, and its net profit attributable to equity holders of Legend Holdings was RMB 70 million:</p> <ul style="list-style-type: none"><li>Maintained leadership in existing niche segments, optimized its product mix, achieved breakthroughs in core technologies and optimized production and operational management to reduce cost and improve efficiency, and enhanced the recycling and multi-purpose use of its devices to improve operating efficiency of utilities</li><li>New projects such as UHMWPE, lithium-ion battery solvents and additives, PLA, and ultra-high purity electronic specialty gas became operational with trial production, and production began to ramp up.</li><li>Through continuous R&amp;D and innovation of new products and technologies, Levima Group completed the laboratory R&amp;D for 21 new products and processes, the production technology development for 13 new products and the industrialization of 11 new products while adding 35 granted patents. Its two projects have been listed as national key R&amp;D programs by the Ministry of Science and Technology, and it strategically invested in advanced semiconductor packaging materials.</li></ul>



# 3. Forging strategic resilience in diversified-industries operation to strengthen the business foundation

*During the Reporting Period, the diversified-industries operation segment posted a revenue of RMB 508.201 billion, a year-on-year increase of 18%; and net profit attributable to equity holders of Legend Holdings of RMB 3.963 billion, up 29% year-on-year. By reinforcing the stability of its industrial foundation, Legend Holdings sustained momentum in its development and positioned itself for long-term growth.*

Companies	Industry Position	Operating Performance
BIL	<ul style="list-style-type: none"><li>A Top 3 bank in Luxembourg by market share</li><li>Recognized as one of the Systemically Important Banks by the European Central Bank</li><li>The first bank in Luxembourg to establish a Green Bond Framework</li><li>The first bank in Luxembourg to upgrade its Core Banking System</li></ul>	<p><b>Thanks to the resilience of its business and robust risk management capabilities, BIL delivered solid financial performance.</b> BIL's revenue was RMB 5.675 billion; and the net profit attributable to equity holders of Legend Holdings was RMB 1,101 million:</p> <ul style="list-style-type: none"><li>AUM grew to EUR 46.8 billion from EUR 43.8 billion at the year-end 2023, and customer deposits increased to EUR 18.8 billion from EUR 18.5 billion at the year-end 2023. Customer loans reached EUR 16.2 billion, a slight year-on-year decrease of 1%.</li><li>Healthy Asset quality and liquidity ratios, with a CET-1 (Common Equity Tier 1) ratio of 13.04% (before profit distribution in 2024) and a liquidity coverage ratio of 200%. Moody's and Standard &amp; Poor's ratings for the bank remained at relatively high levels in the banking sector.</li><li>Continued to expand our ESG investment products and services, achieving milestone progress in responsible investment.</li></ul>
Joyvio Group	<ul style="list-style-type: none"><li>Owning Joy Wing Mau, the largest domestic company with a full industrial chain for fruits</li><li>Owning overseas high-end animal protein assets</li></ul>	<p><b>With core businesses covering high-end fruits and premium animal protein,</b> Joyvio Group recorded a revenue of RMB 27.199 billion, up 4% year on year, and the net loss attributable to equity holders of Legend Holdings was RMB 648 million:</p> <ul style="list-style-type: none"><li>The fruit business continued to grow its market share in strategic core products, achieving breakthroughs in overseas sales and record-high blueberry production, while actively implementing "Digitalization" measures for intelligent operations and management.</li><li>The animal protein business continued to improve operational efficiency and resource allocation effectiveness. While ensuring product quality, it further optimized cost structure and expanded value-added salmon products.</li></ul>

# 4. The industrial incubations and investments advancing sci-tech innovation to support national self-reliance and strength in science and technology

## Fullhan Microelectronics: A leading supplier of video-centric chips and solutions

- Capable of providing one-stop solutions to its customers with a full range of products from low- to high-end; products adopted in the smart video processing and consumer segments and expanded their application into areas such as smart home and smart auto products, with a focus on achieving new technological breakthroughs in fields like industrial vision, robotics, and AI chips
- Launched a series of highly competitive new products by significantly expanding R&D investment, catering to market demand, and upgrading its existing product and technology offerings

## Legend Capital: A leading private equity investment institution

- Raised approximately **RMB 3.3 billion** in new capital, with a total fundraising exceeding **RMB 87 billion**
- During the Reporting Period, made new or follow-on investments in **over 50** projects while nearly 50 portfolio companies successfully raised a total of **RMB 31 billion** in new funding; exited **58** projects, either partially or fully
- A total of **117** portfolio companies have gone public
- **7** portfolio companies have gone public in domestic and international capital markets in the Reporting Period
- Invested in nearly **230** specialized and innovative enterprises, including nearly **120** national specialized and innovative “little giants”, **19** state-level enterprise technology centers, **25** leading niche-sector manufacturers

## Legend Star: A leading angel investment institution

- AUM of nearly **RMB 5 billion**, with a total of investments in **over 350** projects
- **Over 10** new investment projects; **nearly 60** portfolio companies secured their next funding round; **over 20** projects exited in the Reporting Period
- **A total of 27** portfolio companies were selected as nationally specialized and innovative “little giants”

## ZQET Group: An industrial holding group focused on new energy & innovative technology

- Based on the “industry + investment & financing” business model, focusing on the new energy industrial chains, and building a new energy industry ecosystem to foster new quality productive forces through innovative technology and the promotion of the development of innovative technology enterprises
- The highest conversion efficiency of N-TOPCon cells in mass production **exceeded 26.9%**, with a yield rate **surpassing 97%, ranking among the top tier of the industry**
- The investment business has served a total of **75** technology companies, **16** of which have gone public or have obtained approval for their IPO applications.

- **Revenue of RMB 4.645 billion, up 5% year-on-year**
- **Net loss attributable to equity holders of Legend Holdings of RMB 2,216 million, significantly narrowed year-on-year**



# 5.1 AI Empowerment: A global leader and distinctly advantageous provider of full-stack AI products and solutions

*Our three AI ecosystems – the Tianxi ecosystem for AI terminals, the Wanquan ecosystem for AI infrastructure, and the Optimus ecosystem for AI solutions and services – have established in-depth collaborations with over 2,000 ecosystem partners, jointly ushering in a new era of AI for all*

## AI Terminals: Leading the transformation of terminals with AI innovation

- Launched the world's first AI PC featuring five key characteristics and introduced over 20 AI PC models to cover diverse needs across various scenarios, led the world with a 15% penetration rate of AI PCs in the Chinese market
- Proprietary Lenovo AI Now, a personalized AI assistant, has achieved an internationally leading position with close to L3, driven by advancements in multimodal interaction and self-learning algorithms
- The Tianxi AI ecosystem has included over 1,700 professional applications, offering extensive coverage across key verticals like healthcare, education, and law
- All AI terminals across the line have been updated to support the DeepSeek cloud-based large model and feature a locally distilled version. Lenovo has become the first PC brand in the industry to successfully deploy and run this large model on-device

1

## AI Infrastructure: Establishing a global benchmark for intelligent computing infrastructure

- Developed a core product portfolio encompassing general computing, AI training and inference, HPC supercomputing, edge intelligence, and AI storage, achieving full coverage from cloud to edge scenarios and equipping us with the capabilities for self-development and offering full lifecycle services for intelligent computing centers
- Ranked among the top in the global server market for many consecutive years, and defined the peak performance of x86 and heterogeneous computing with 536 globally authoritative performance tests
- Self-developed Neptune liquid cooling technology has become a global green benchmark, with a PUE value below 1.1, providing new solutions for green computing power in the AI era

2

## AI Solutions and Services: Accelerating enterprises' intelligent transformation

- Established an enterprise solution and service system driven by large models for enterprises and supported by AI computing power. By building a technology middleware platform and a general business middleware for enterprises, our full-stack, full-lifecycle AI-native solutions and services can comprehensively accelerate enterprises' intelligent transformation, empowering customers to drive operational efficiency improvement, business innovation, and business value
- Our "Super Factory" intelligent agent currently integrates thousands of models, covering hundreds of enterprise agent scenarios. It enables large model distillation within 72 hours and can complete POC testing within 7 days, markedly reducing the timeframe for enterprises' intelligent transformation

3

# 5.2 AI Empowerment: Legend Holdings Family Group's AI footprint (270+)

## Underlying layer

- **AI Chip:** Cambrian, Axera, Sifli Technologies, Kunlunxin, Horizon Robotics, Molchip, Black Sesame Technologies, HOUMO.AI, MetaX, Hygon, Zkosemi, TuringQ, Yizhu Technology, M2 Semi, Semi Drive, Jeejio, Singgo, SJSEMI, ULTICHIP, Aurasemi, ESWIN, RiVAI Technologies, SPACEMIT, LANXIN COMPUTING, Infinigence AI, Nano-core chip, Resnics, Hercules Microelectronics, HYQ, Asherad, ICLEAGUE, ULTICHIP, XimpleTEK
- **Sensor:** Smartsens, Adaps Photonics, Uphoton, Bixel, AlpsenTek, TacSense, Huiwen Nano S&T, Taifang Technology, LimX Dynamics, Robot Era, SV SensTech • **Server:** Lenovo, CIX, NUCLEI

## Technical Layer

- **Computer vision:** Megvii, SmartMore, Aibee, WATRIX.AI, CAS vision, Shenhuishi, BMTEK, DataMesh, DUNJIA, Deepvision, ATTRSENSE, DEXFORCE, Hina AI
- **Big data:** Gbase, Ningbo Shufang, Zshield. Inc, Shanghai Zhongyan, DATA GRAND, Stargraph, Oracle
- **Cloud computing:** Lenovo, Wangdiantong, Lixiaoyun, ZStack, UCloud, Bepin Global, AgotoZ, RAYVISION, T2Cloud, YunShan Networks, Lbyun, Cloudecker, CRM, SmartX, Udesk
- **Information security:** NSFOCUS, DBSEC, River Security, Netis, XDR SEC, Trustbe, Vackbot, Viewintech, Tensor Security, Hua Kong TsingJiao, Zhi Qi An, Serica Semiconductor, CertiK, Quan Zhi Tech, Guomin, Renzheng, Callisto Technology

## Model Layer

- Zhipu AI, iFlytek, Data Grand, Langboat Technology, Dipeak, Style3D, nyonic, HAIZHI, Baichuan, AI-Indeed, AISpeech, Mistral AI, Stepfun, Lenovo-AR, Zuoshi Meta Tech

## Platform Layer

- iFlytek, Zhipu AI, Zshield. Inc, FIT2CLOUD, Bkunyun, Dipeak, Wanka Online, Cardinal Operations, 4Paradigm, DMAI, dataloop, OSChina, OpenBayes, Lenovo Cloud Technology, Lenovo AR,, Ding OS, Ensonic, Jishi Shuzi, Moore Threads, Qunabox Group, Goldstream Investment, AI-Indeed, AISpeech, OpenCSG, CarbonSilicon AI, Hongshan Tech, Youdao, Zuoyebang, Ximmerse

## Application Layer (by sector)

- **Smart security:** Fullhan Microelectronics, Starsee, WATRIX.AI, DUNJIA, CHAITIN
- **Smart energy:** Airwing.ai, Qiuya Technology, Digitsvalue, Tellhow, MS Energy, Zshield Inc., Inossem, Lingyang Technologies, Jiatai, Heli Tech Energy, Zhuhai COSMX, WeLion New Energy, REFIRE, CATL
- **Intelligent manufacturing:** Lenovo, Hoteam Software, Tianfu, QZing Technology, Aqrose Technology, Deti Supply Chain, Zhenkunxing Industry Supermarket, Hai Robotics, AgileX Robotics, Django Robotics, J-Elephant, CyberInsight, Vincross, Feima Robotics, Yunji Technology, ORIGITECH, VisionNav, Elite Robots, IPLUSMOBOT, Sirius, ZANECON, Atomrobot, Direct Drive Tech, CASIVISION, Smarteyetec, AGVsz, ORISONIC, SUPCON, BMTEK, Ensonic, Jiangxing Intelligence, CAXA, DESIGN ORDER, Style3D, arrayed materials, GOOGOL, DataMesh, IndustrialNext, ZDIAI, SINSEGYE, KAYJA Optics, SKY LIMIT ENTERTAINIMEHT, Aquafarmtory, Master, Design Order, Hohem
- **Smart car:** Pony.ai, Zongmu Technology, Inceptio Technology, CIDI, Enjoy Move Tech, Juefx.com, KHAT, BuilderX, Smarter Eye, Nio, Shenjiaotong, QCraft, DeepWay, Lotus, Lingyi Zhika, Xpeng
- **Smart healthcare:** Lunit, Deepwise, Xbiome, Dipath, StoneWise, BioMap, Xellar, ClinBrain, Visual3D, Genome Wisdom, Bestyoo, Leapstack, UNIMED, Jianbao Tech, Baheal Intelligent Technology, MNCHIP, ADEN, Changmugu Medical, Dekai Medical, Huihe Healthcare, Edge Medical, Palline, Unionstrongtech, Subtle Medical, CarbonSilicon AI, Seekgene, Tantica, AlphaPrime, Ehome, Health Plus, ZD Medtech, Ornatus, Biosciences, Imsight Medical Technology, Milebot Robotics, Puncture Robotic, Abrobo, Chengyuan Biotech, Anxiang Smart Healthcare, Zhongnuo Hengkang, BrainNow Medical, Shanghai Zhitang, Zhenqin Intelligence, Huazhi Care, CARE, Dongruan Zhirui, YIBEI, Humansa, Baier Luoke, MoleculeMind, Cornerstone Robotics, Syneron Tech, X-imaging, Subtle Medical Inc., Healingovation, Aidite, Longwood Valley MedTech, Gareia
- **Smart government:** ChinaOly Technology, KnowDee Intelligence • **Smart finance:** Amarsoft, Bangsun Technology, AQUUMON, DataBurning, Micro Connect, Lenovo Finance, Lakala

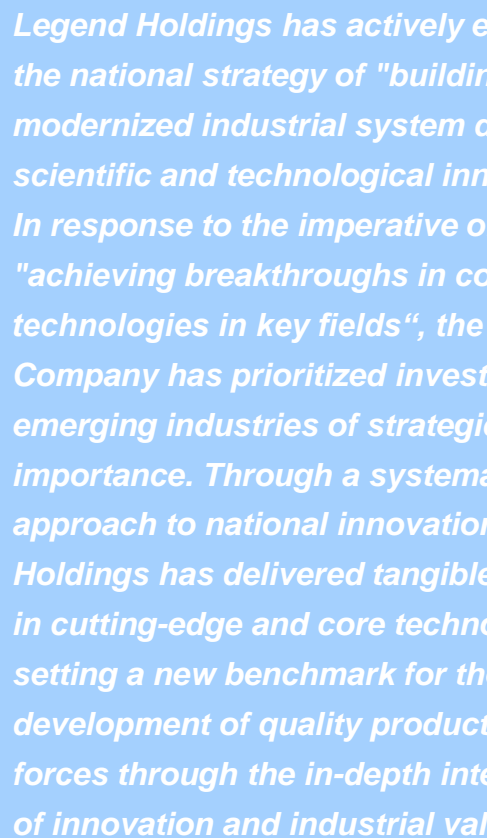


# 5.3 AI Empowerment: Building a multi-scenario empowered industrial ecosystem with an “AI+” strategy

*Driven by the "AI+" strategy, Legend Holdings Family Group has established a leading and exemplary role in multiple vertical fields*

AI + education	AI + healthcare	AI + transportation	AI + manufacturing	AI + ESG
<ul style="list-style-type: none"><li>• The Tianyi Smart Education Solution leverages technologies such as large models and big data, and integrates smart terminals such as large screens, PCs, tablets, and cell phones with platforms for teaching, learning, management, evaluation, and testing. This Solution supports efficient, intelligent teaching and management across all scenarios.</li><li>• Zhipu AI, in collaboration with Tsinghua University, has piloted an AI teaching assistant system, significantly enhancing teaching efficiency and improving overall learning experiences.</li><li>• .....</li></ul>	<ul style="list-style-type: none"><li>• Deepwise obtained China's first AI-powered lung cancer diagnostic certification. It also empowered hospitals with intelligent imaging data management through its medical imaging solutions.</li><li>• Aier Eye Hospital partnered with Lenovo to take the lead in the industry by locally deploying DeepSeek and leveraging Lenovo's AI AIO solution, setting a new benchmark for AI in hospital applications.</li><li>• .....</li></ul>	<ul style="list-style-type: none"><li>• Leveraging advanced computing and AI technologies, Lenovo Vehicle Computing provides leading full-stack automotive intelligence solutions, including smart cockpits, intelligent driving, automotive AI development, and deployment tools.</li><li>• Zhipu AI promoted the implementation of AI Native smart cockpit through a deep partnership with Qualcomm, offering customized on-device intelligent solutions to OEMs.</li><li>• .....</li></ul>	<ul style="list-style-type: none"><li>• Lenovo has developed a smart factory equipment management system, including equipment health monitoring, intelligent operation and maintenance plans, a multi-terminal emergency response system, maintenance knowledge graph, and intelligent parts management, to achieve closed-loop life cycle management for intelligent factories.</li><li>• KnowDee Intelligence, incubated by Lenovo, boasts the world's leading industry-oriented foundational multimodal large model (LMM), using AI to transform and upgrade the manufacturing industry, helping to reduce costs and increase efficiency.</li><li>• .....</li></ul>	<ul style="list-style-type: none"><li>• Lenovo collaborated with China's Ministry of Ecology and Environment to develop an AI-driven application that contributes technological solutions to global challenges such as climate change and biodiversity conservation.</li><li>• Lenovo is committed to creating green AI, inclusive AI, and responsible AI, and uses AI to reduce the carbon footprint of products, supports AI sustainable development with its green technologies such as liquid cooling, and ensures the trustworthiness of AI with its seven principles for responsible AI management.</li><li>• .....</li></ul>

# 6.1 Intelligence powers future: Harnessing national strategic scientific and technological strengths to drive growth and advance self-reliance innovation



*Legend Holdings has actively embraced the national strategy of "building a modernized industrial system driven by scientific and technological innovation." In response to the imperative of "achieving breakthroughs in core technologies in key fields", the Company has prioritized investments in emerging industries of strategic national importance. Through a systematic approach to national innovation, Legend Holdings has delivered tangible results in cutting-edge and core technologies, setting a new benchmark for the development of quality productive forces through the in-depth integration of innovation and industrial value chains.*

1

## R&D-Driven Innovation

R&D expenses reached **RMB 15.8 billion**, up **7.34% year-over-year**, a new record high

2

## Nurturing emerging industries

Made **over 100** new and follow-on investments in emerging industries, with a total of **over 180** portfolio companies recognized as national specialized and innovative "little giants". During the Reporting Period, **13** portfolio companies successfully went public, **ranking first in the direct investment field of China's venture capital industry (excluding FOF)**

3

## Achieving breakthroughs in core technologies

Through independent technological breakthroughs, a core patent cluster has been formed. Centered around the Forward-looking Technology Research Institute **and by establishing an IP co-creation ecosystem with 19 top institutions, hundreds of core technologies have been explored**. Collaborative patent applications with universities have been filed, and technology innovation incubators and joint laboratories have been established. A two-way technology channel has been set up globally to facilitate the industrialization of advanced technologies in China. **In 2024, the total number of invention patents applied for reached 9**

4

## Transformation of traditional industries

By capitalizing on the synergies between cross-industry technological empowerment and the industrial ecosystem, Legend Holdings Family Group has transformed traditional industries, driving digital and intelligent transformation across sectors. This has injected significant momentum into the high-quality development of the real economy, empowering enterprises to improve R&D, production, and operational efficiency through cutting-edge technologies



selected as the Sixth batch of national

 <p><b>阿丘科技</b> Agrose Technology</p> <p>Applying cutting-edge artificial intelligence and machine vision technologies to the industrial field to empower global manufacturing enterprises</p>	 <p><b>实在智能</b> INTELLIGENCE INDEX</p> <p>A leading RPA enterprise providing an AGI large model + super-automation solutions</p>	 <p><b>AISPEECH 思必驰</b></p> <p>专注人性化的智能语音</p> <p>Provider of natural language interaction solutions</p>	 <p><b>世卓世科技</b> maas.com.cn</p> <p>China's leading innovative enterprise in artificial intelligence technology</p>	 <p><b>暗物智能</b> DARK MATTER AI</p> <p>Leading strong cognitive AI application developer</p>	 <p><b>江行智能</b> Jiangxing Intelligence</p> <p>Provider of next-generation intelligent cloud-edge IoT products and services</p>	 <p><b>杉数科技</b> Cardinal Operations</p> <p>Provider of AI operational decision-making optimization solution</p>	 <p><b>Ensonic</b> 睿声科技</p> <p>Industry-leading enterprise-level acoustic AI company</p>
 <p><b>ESWIN</b></p> <p>A provider of next-generation computing architecture chips and solutions based on RISC-V</p>	 <p><b>昆仑芯</b> KUNLUNXIN</p> <p>General-purpose AI chip maker</p>	 <p><b>SDMICRO</b></p> <p>Specialized in the development of driver chips for AMOLED display screens</p>	 <p><b>HYGON</b></p> <p>Computing chip product and system developer</p>	 <p><b>摩尔线程</b> MOORE THREADS</p> <p>dedicated to providing advanced infrastructure and one-stop solutions for accelerated computing globally</p>	 <p><b>META</b> 沐曦</p> <p>Provider of full-stack GPU chips and solutions for heterogeneous computing</p>	 <p><b>Rivai</b></p> <p>Delieve RISC-V high-end core processor solutions</p>	 <p><b>瑞数信息</b> RIVER SECURITY</p> <p>Dynamic security technology vendor</p>
 <p><b>Netis 天旦</b></p> <p>Big data-driven network performance management enterprise</p>	 <p><b>GAREA 普睿</b></p> <p>A high-tech enterprise specializing in the R&amp;D, sales, and value-added service of mobile medical products</p>	 <p><b>燧光</b> XIMMERSE</p> <p>Providing a systematic, professional, and top-notch digital training platform through leading spatial computing technology</p>	 <p><b>Style3D</b></p> <p>science-based company dedicated to offering 3D+AI tools</p>	 <p><b>中奥科技</b> ChinaOly Technology</p> <p>Provider of solutions such as digital rule of law and "public security brain"</p>	 <p><b>同心智医</b> SOPHMIND</p> <p>high-tech company and diagnosis and treatment platform that addresses the clinical needs of brain diseases and other major diseases</p>	 <p><b>天湫</b> Tianfu</p> <p>Chinese intelligent industrial software developer</p>	 <p><b>墨云科技</b> vackbot.com</p> <p>Leading network security service provider</p>
 <p><b>木牛</b> MUNIUI</p> <p>A developer of millimeter-wave radar technology and products</p>	 <p><b>lockin 鹿客</b></p> <p>A smart door lock enterprise</p>	 <p><b>XimpleTek</b></p> <p>A high-tech RF company</p>	 <p><b>SV SensTech</b> — 华景传感科技 —</p> <p>A high-tech enterprise in the R&amp;D, production and sale of MEMS sensor chips, modules and components</p>	 <p><b>玖克生能源</b></p> <p>A domestic leading aggregator service provider for distributed green energy</p>	 <p><b>AOSP</b> 龙焱能源科技</p> <p>Manufacturer and EPC service provider of high-efficiency CdTe thin-film solar cell technology in China</p>	 <p><b>臻驱科技</b> LEADRIVE</p> <p>A high-tech company dedicated to providing domestic power semiconductors and new energy vehicle drive solutions</p>	 <p><b>EDRIVE SPACE</b></p> <p>Specializing in the R&amp;D of spacecraft propulsion systems and electromechanical products</p>
 <p><b>拓璞</b> TOPNC</p> <p>Providing high-end industrial machine tools and core CNC technology and services for China's manufacturing industry</p>	 <p><b>众硅科技</b> SIZONE</p> <p>An advanced CMP equipment maker</p>	 <p><b>通嘉科技</b> GRAND HITEK</p> <p>Provider of dry vacuum pump equipment and system technical services for the semiconductor industry</p>	 <p><b>托伦精密制造 (江苏) 股份有限公司</b> TOLERANCE TECHNOLOGY (JANGSU) CO., LTD.</p> <p>A leading high-end assembly OEM supplier</p>	 <p><b>Lieth</b></p> <p>A supplier of second-hand photolithography, coating, and developing equipment integration services, and a provider of value-added services for equipment and entire production lines</p>	 <p><b>ELITE ROBOTS</b> 艾利特机器人</p> <p>Manufacturer of new-generation robots for human-computer interaction and collaboration</p>	 <p><b>ZDIA 震兑</b></p> <p>Dedicated to research on intelligent technology for maritime-related fields</p>	 <p><b>VisionNav Robotics</b></p> <p>A global leader in autonomous industrial vehicles (AMRs/AGVs) and logistics automation solutions</p>

selected as the Sixth batch of national



China's leading  
independently innovating  
biotechnology company



A medical devices and  
specialized service  
provider of organ  
transplants



Focusing on  
comprehensive  
solutions for sports  
medicine



An innovative cells  
therapy company for the  
entire value chain of cell  
medical health



Engaging in the R&D,  
production and sale of  
biological reagents in molecular,  
protein, and cells



A professional  
manufacturer of in vitro  
diagnostic devices and  
reagents



A high-tech manufacturer  
of vascular intervention  
medical treatment



A multinational  
pharmaceutical company  
for high-end prescription  
drugs



A provider of medical non-  
invasive diagnostics and  
related services



A CRO service provider  
for early-stage drug  
development



A leader in the medical  
mass spectrometry  
industry



A medical service  
provider of iPSC-derived  
cell therapy products



A medical manufacturer of  
dental imaging equipment  
and digital service  
platforms



A service provider of  
intelligent solutions for  
life sciences



A manufacturer of  
automated suturing  
devices & energy-based  
surgical products



A company independently  
developing microwell  
chips and digital droplet  
platforms



A provider of overall  
solutions for life  
sciences with upstream  
raw materials



A high-tech company  
specializing in liquid  
metal materials



A manufacturer  
specialized in the  
production of high-  
purity quartz devices



An intelligent  
manufacturer with the  
ability to produce color  
and black photoresists



# 6.3 Facilitated the public listing of 13 portfolio companies, ranking first in the direct investment field of China's venture capital industry (excluding FOF)

One out of every 10 companies that has received primary market investment and went public is a member of Legend Holdings Family Group

- 1

Horizon Robotics


- 2

Black Sesam


- 3

Pony.ai


- 4

INST


- 5

Teemsun


- 6


REFIRE


- 7

Dmall Inc.


- 8

Yonz Technology


- 9

Qunabox Group


- 10

Zhongrui Electronic Technology


- 11

LOTUS


- 12

Snowky Electric


- 13

Aidite



Note: 1. The above information lists the details of Legend Holdings' facilitation of listed companies within the period from January 1, 2024, to December 31, 2024.

## 6.4 Our approach to fostering emerging industries: taking Embodied AI as an example

*Through investment and cooperation, Legend Holdings Family Group has built an Embodied AI ecosystem covering investment, R&D, manufacturing, application and other aspects.*

*In the future, with the deep integration of AI large models and robotic hardware, Legend Holdings will further expand its footprint in this field.*



### Independent R&D and innovation

- The Lenovo Daystar Bot series, independently developed by Lenovo, has successfully rolled off the production line at the Hefei industrial base, marking Lenovo's entry into intelligent robot manufacturing with its new in-house robotics manufacturing capability. This series features an innovative six-legged design, exceptional stability and low-noise operation, enabling it to adapt to various complex terrains. Its application scenarios continue to expand.



### Investment strategy

- Legend Holdings Family Group is actively investing in the field of Embodied AI and has cumulatively invested in nearly 40 companies, including LimX Dynamics, DEXFORCE, Robot Era, Direct Drive Tech, Daimon Robotics, and others. These companies specialize in areas such as bipedal robots, humanoid robots, robotic arm operations, and wheel-legged robots, each with unique technological advantages.



### Mass production and application expansion


- Lenovo's "Bright Plan" and other ecosystem service initiatives provide one-stop, multi-dimensional Manufacturing-as-a-Service (MaaS) support to its portfolio companies. These initiatives have helped portfolio companies, such as Direct Drive Tech, to achieve efficient production of Embodied AI robots (at 1/20th the cost of in-house production) and improve performance, accelerating the transition of products from the lab to market applications.




# 6.4.1 Legend Holdings Family Group has invested in a total of nearly 40 Embodied AI companies

 <p>A global commercial service robotics company</p>	 <p>Provider of AI in orthopedics and surgical robotics solutions</p>	 <p>Surgical robot designer, developer and manufacturer</p>	 <p>Developer of high-end rehabilitation robots and comprehensive intelligent rehabilitation solutions</p>	 <p>A national high-tech enterprise focusing on surgical robots and intelligent diagnostic and treatment equipment</p>	 <p>Medical rehabilitation robotics company</p>	 <p>Pioneer and leader in robot-assisted surgical navigation</p>
 <p>Medical robotics developer</p>	 <p>Specializing in robotics R&amp;D in the fields of surgery, rehabilitation, and clinical therapeutics</p>	 <p>Focusing on the development of hair transplant robots, aiming to create a complete process solution around the entire process of hair detection, diagnosis, treatment, and maintenance</p>	 <p>Dedicated to applying cutting-edge AI and machine vision technologies to the industrial field to empower global manufacturing enterprises</p>	 <p>Pioneer and leader in autonomous case-handling robot systems</p>	 <p>Robot chassis manufacturer and mobile robot system solutions provider</p>	 <p>Intelligent robot maker</p>
 <p>A unicorn in commercial vehicle intelligent driving</p>	 <p>UAV hardware and software integrated solutions and one-stop geospatial data solutions provider</p>	 <p>Intelligent robot developer</p>	 <p>Developer of commercial robot application and technology</p>	 <p>Globally leading provider of autonomous industrial vehicles and intralogistics automation solutions</p>	 <p>Industry-leading expert in high-speed robotics</p>	 <p>Leading brand in AMR (Autonomous Mobile Robots)</p>

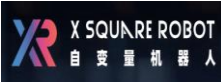
# 6.4.1 Legend Holdings Family Group has invested in a total of nearly 40 Embodied AI companies



A high-tech enterprise dedicated to driving technology innovation through robotics, and providing intelligent solutions for construction industry



High-tech company specializing in intelligent text robots




Focusing on developing a "General Embodied AI Model", providing general foundation models for robots



Specializing in the technical research and product development of AI and special robots



Manufacturer specializing in new-generation robots for human-computer interaction, and a rapidly growing leading international collaborative robotics company




A global leader in the autonomous mobile robot field



Robot actuator developer and manufacturer




Developer and manufacturer specializing in sports intelligent and biped robots



World-leading developer of multi-modal haptic embodied intelligence




Intelligent robot developer



Emerging technology company developing technology and products including embodied intelligence and general-purpose humanoid robots



Technology service provider in AI and new materials



Researcher and developer of intelligent perception and control technologies for humanoid robots and full-system integration




High-tech enterprise specializing in R&D and the production of high precision harmonic gearboxes and planetary gearboxes




High-tech AI company leading frontier 3D vision solutions with Sim2Real AI technology



Focusing on algorithm R&D for core robotics components, robot perception, localization, and navigation



New-generation cognitive and decision-making AI company



Dedicated to planning and implementing solutions to one-stop indoor and outdoor smart factory logistics



# 7 Remained committed to fulfilling corporate social responsibilities

*Legend Holdings consistently fulfills its corporate social responsibilities and attaches great importance to ESG-related work, striving to make a greater contribution to Chinese modernization*



- Lenovo has retained a MSCI AAA rating for the three consecutive years (the only organization in China's non-green industries with this rating). It has set a 2050 net-zero target across its entire value chain and was certified by SBTi, making it the only Chinese technology company selected for in the UN's Net-Zero Guidelines. It has achieved operational emissions reduction through zero-carbon and low-carbon smart parks while driving value chain decarbonization through supply chain collaboration. It has contributed to society's low-carbon transition with solutions such as liquid cooling technology (server PUE  $\leq 1.1$ , the lowest globally), providing sustainable technological support for inclusive AI.
- Levima Advanced Materials, a High- and New-Technology Enterprise (HNTE) and National Green Factory, leads the green industries through the application of green technologies. It has expanded into green industries such as EVA photovoltaic adhesive film materials, biodegradable plastics, lithium-ion battery separator materials, electrolytes, additives, and POE photovoltaic adhesive film materials, contributing to the Beautiful China initiative and carbon peaking and carbon neutrality.
- ZQET Group is expanding its presence in the Photovoltaic Power Industry, launching a 20GW High-Efficiency Solar Cell Smart Manufacturing Project in Ma'Anshan. It has adopted the industry-leading TOPCon high-efficiency battery manufacturing technology. The first phase production capacity of 5GW N-type high efficiency TOPCon cells has successfully commenced productions. Its key technical indicators are leading in the industry.
- The Legend Star CEO Training Program has been running for over 16 years, enrolling a total of 1,364 founders of startup enterprises. Among the trainees of the 17th CEO Training Program, technology companies stand out, with frontier technologies and healthcare enterprises making up over 72%, high-tech enterprise accounting for 59%, and specialized and innovative enterprises representing 50%.

# 8 Outlook



*Remain true to our original aspiration and forge ahead*

## Development Direction and Goals

- Develop new quality productive forces, using technological innovation as the core driving force to promote high-quality development
- Leverage breakthroughs in artificial intelligence technology and deepen the layout of fully stacked artificial intelligence, as well as promote the deep integration of artificial intelligence with the real economy

## Industry Cultivation and Innovation

- Through the three-level linkage of "technological innovation - achievement transformation - industrial upgrading", cultivate strategic emerging industries to grow rapidly
- Focus on digital economy and green transformation dual tracks, strengthen the construction of computing power infrastructure, and promote R&D in green and low-carbon technologies to build a green computing industry benchmark

## Industry Ecosystem Construction

- Build an ecosystem for "diversified-industries operation + industrial incubations and investments"
- Increase R&D investment, encourage early investment and small-scale investment, strengthen the industrialization of scientific and technological achievements, help break through key core technologies, and build a secure industrial chain

## Enhance Comprehensive Capabilities to Cope with External Changes

- Strengthen the dynamic risk management mechanism, implement precise optimization of asset portfolios, and ensure sound and healthy cash flow
- Deepen the "talent powerhouse" project, build a talent team for the artificial intelligence era
- Implement the ESG development concept, and continue to contribute Lenovo solutions in areas such as rural revitalization, education equity, and carbon neutrality



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**1**

**Business Overview**

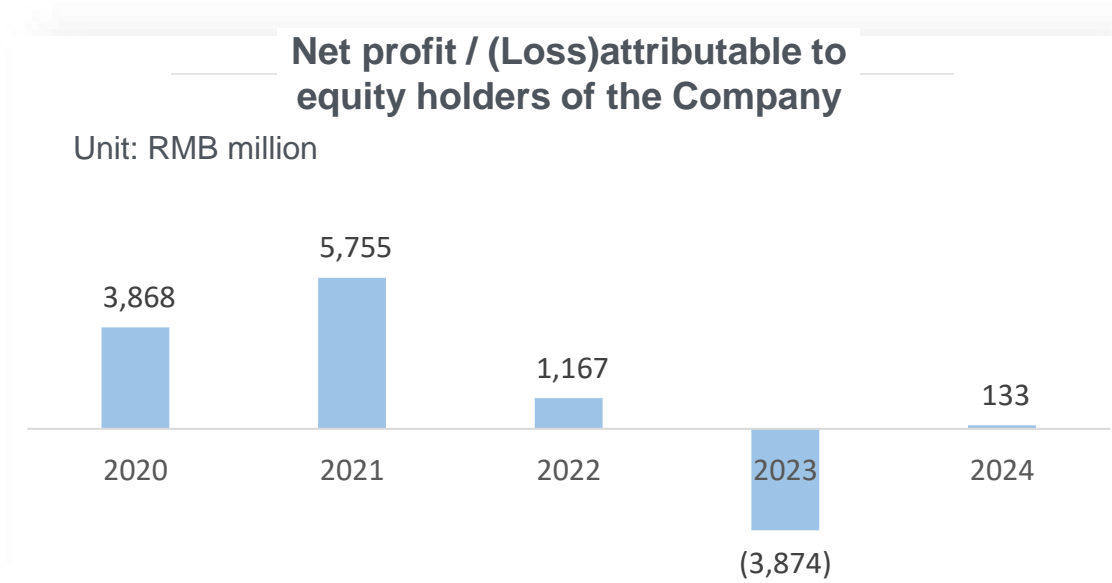
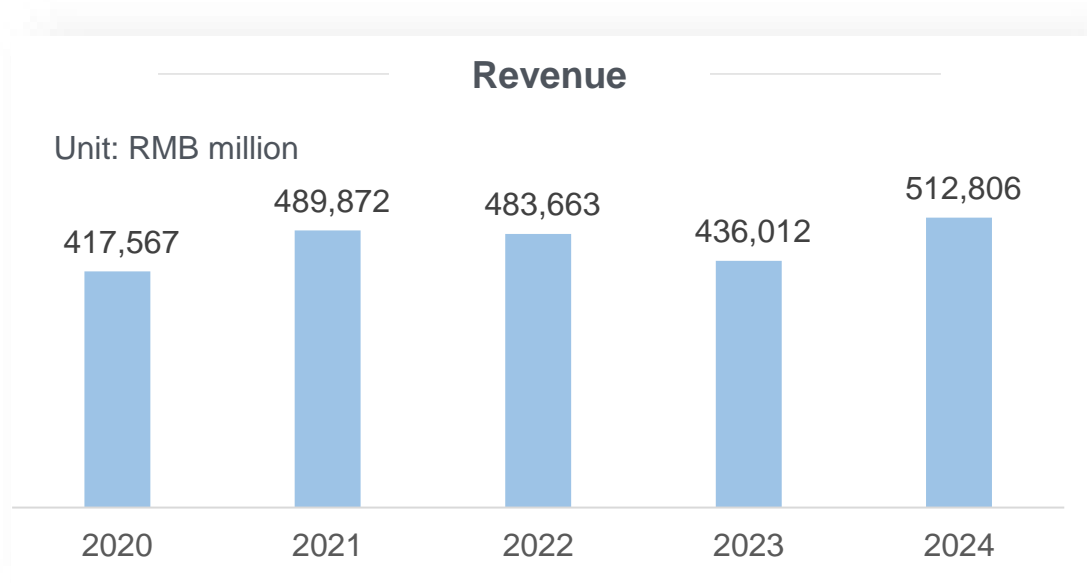
**2**

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**Appendix**

# 9 Revenue and profit structure



Net profit / (loss) attributable to equity holders of the Company (by segment)

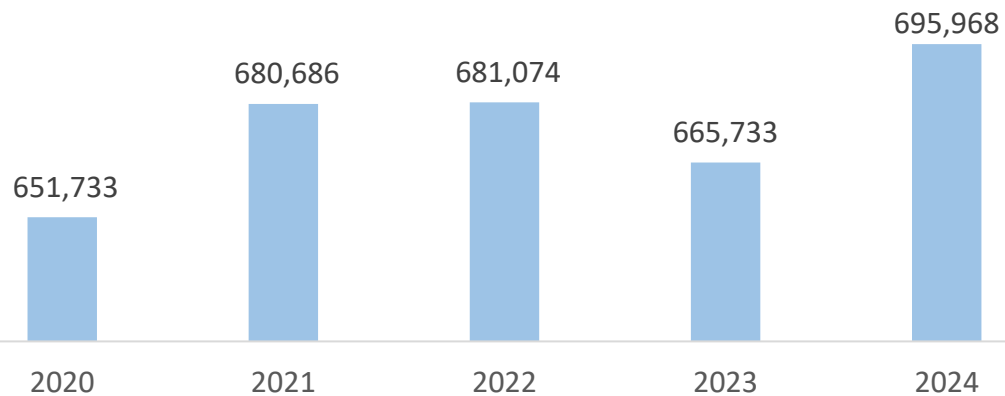
	2024	2023	Change in amount	Change%
Diversified-industries Operation	3,963	3,078	885	29%
Lenovo	3,440	1,982	1,458	74%
Levima Group	70	228	(158)	(69%)
Joyvio Group	(648)	(448)	(200)	N/A
BIL	1,101	1,316	(215)	(16%)
Industrial incubations and investments	(2,216)	(5,574)	3,358	N/A
Unallocated	(1,614)	(1378)	(236)	N/A
Net profit/(loss) attributable to equity holders of the Company	133	(3,874)	4,007	N/A



# 10 Assets and liabilities structure (1/2)

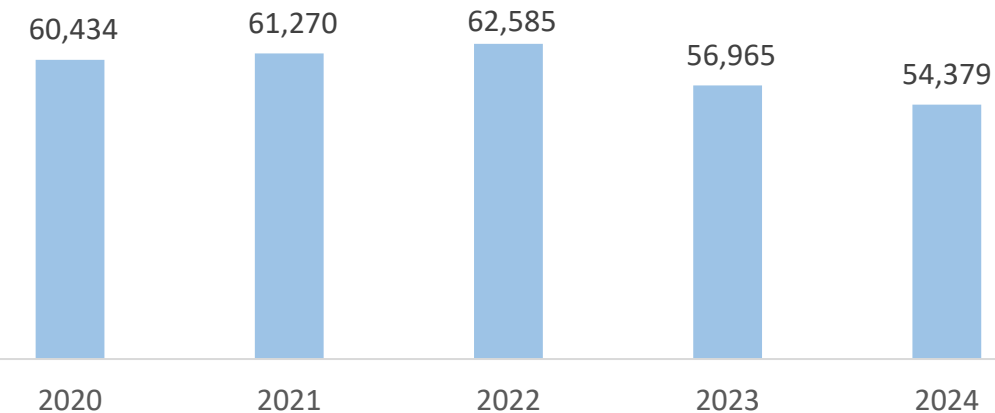
## Consolidated total assets

Unit: RMB million

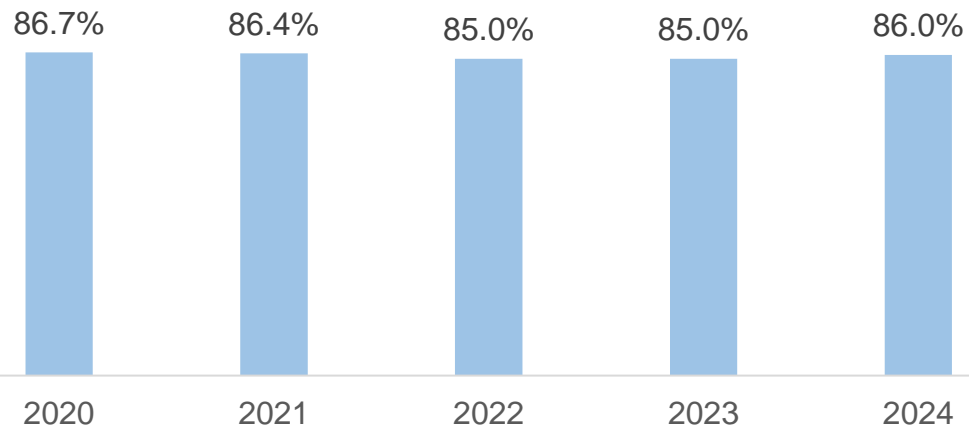


## Equity attributable to equity holders of the Company

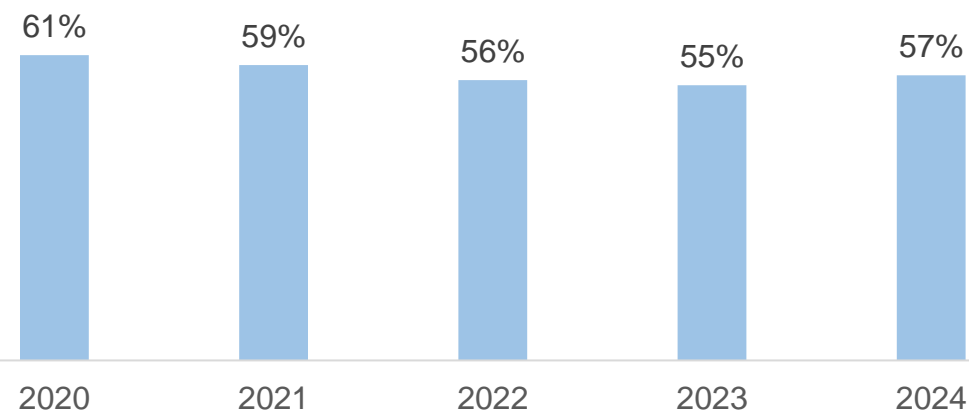
Unit: RMB million



## Asset-liability ratio



## Total debt to capital ratio\*

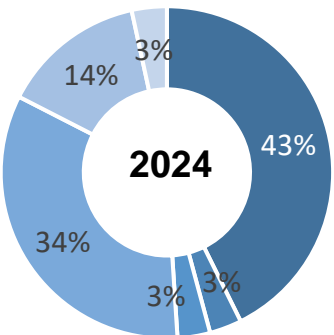


Note: Total debts to total capital ratio=total debts/ (total debts + total equity)

# 10 Assets and liabilities structure (2/2)

Asset allocation

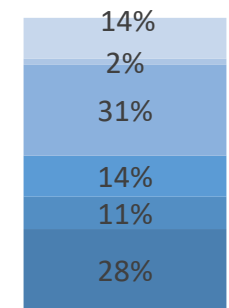
- Lenovo
- Levima Group
- Joyvio Group
- BIL
- Industrial incubations and investments
- Unallocated & Elimination



Cash at bank and on hand

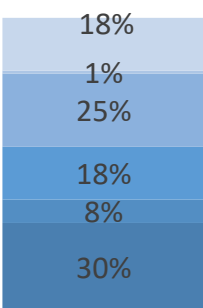
- RMB
- CHF
- USD
- EURO
- HKD
- Others

RMB 63.8 billion



2023

RMB 66.8 billion

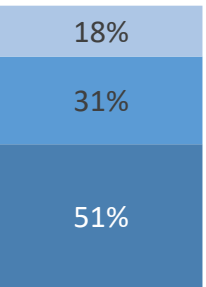


2024

Interest-bearing liability structure (by currency)

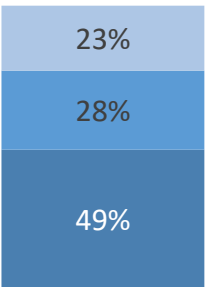
- RMB
- USD
- Others

RMB124.5 billion



2023

RMB 131.2 billion

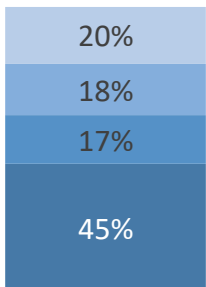


2024

Interest-bearing liability structure (by maturity)

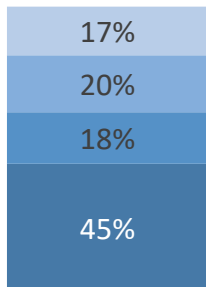
- Within 1 Yrs
- 1-2 Yrs
- 2-5 Yrs
- Over 5 Yrs

RMB124.5 billion



2023

RMB 131.2 billion



2024

Note: Cash at bank and on hand include cash and cash equivalents, bank deposits and restricted funds



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# Legend Holdings Family Group's AI footprint

## Underlying Layer



昆仑芯  
KUNLUNXIN

General-purpose AI  
chip maker



地平线  
Horizon Robotics

Self-driving AI chip  
provider



眸芯  
MOLCHIP

AIOT, SOC and AI  
solution provider



黑芝麻智能  
BLACK SESAME  
TECHNOLOGIES

Self-driving AI chip  
designer

zkosemi

Maker of optoelectronic  
devices, optical engines  
and high-end integrated  
optoelectronic chips



爱芯元智

AI vision processor  
chip developer



思澈科技

Specializing in embedded  
AIOT chip design and  
application development

图灵子  
TURING

NOTHING DIFFICULT  
没有解决不了的困难

China's first optical  
quantum  
chip and optical quantum  
computer company

IZ铸科技

CIM-based AI chip designer



M<sup>2</sup> SEMI  
超摩科技

Leading high-  
performance Chiplet  
CPU designer



寒武纪

Specialist in AI chip  
R&D and technological  
innovation



后摩智能  
HOUMAI

Global leader in CIM-  
based autonomous  
driving chips



沐曦

Provider of full-stack  
GPU chips and solutions  
for heterogeneous  
computing

HYGON

Computing chip  
product and system  
developer

芯驰 SemiDrive

Leading intelligent  
automotive-grade chip  
company



中科创客

Core builder of AIoT  
ecosystem

SINGGO

Intelligent driving chip  
developer and software  
development platform

berxel

VCSEL chip designer  
and developer



UPhoton  
聚光科技

Integrated 3D sensing  
solution provider



AlpsenTek  
— 锐思智芯 —

Vision sensor  
technology leader



TacSense

High precision, ultra-  
flexible pressure sensor  
solution provider



ADAPS PHOTONICS

Sensor chip developer



钛方科技  
Taifeng Technology

Research and  
practitioner of intelligent  
tactile technology



思特威电子科技

CMOS image sensor  
chip provider



iM

Leading company in  
advanced gas sensors and  
artificial olfactory solutions



联想

Global leading server  
provider



SJSEMI  
盛合晶微半导体(江阴)有限公司

Silicon wafer  
manufacturer serving  
global customers



Core chip and solution  
provider of mobile  
communication  
microbase station



Aurasemi

Developer of analog  
and digital-analog  
hybrid chips



此西科技

High energy efficiency  
computing solutions  
provider



芯来科技  
NUCLEI

Specializing in professional  
RISC-V processor IP and  
solutions

ESWIN

Provider of integrated  
circuit products and  
services



RiVAI

Provider of high-end  
RISC-V core processor  
solutions



SPACEMIT  
进迭时空

Developer of next-  
generation high-  
performance RISC-V CPUs



蓝芯算力  
LANXIN COMPUTING

Designer of high-  
performance chips for  
data centers



INFINIGENCE  
无问芯言

Provider of full-stack  
solutions for the AI 2.0 era



NCC  
微纳核芯

Specialist in AIoT  
SoC chips



RESNICS  
益思芯科技

Provider of storage and  
network data processor  
chip solutions



京微齐力  
HERCULES MICROELECTRONICS

Developer of general FPGA  
chips and next-generation  
heterogeneous programmable  
computing chips



XYQ  
华翎量子

High-tech company  
specializing in quantum  
computing



芯盟科技

Developer and  
manufacturer of AI chips



LIMX  
DYNAMICS

AI robotics company



ROBOTERA  
星动纪元

Humanoid robotics  
company partly owned  
by Tsinghua University



ULTICHIP  
微芯通讯技术(南京)有限公司

Provider of small cell  
base stations and  
chipsets for telecoms



XinpleTek

Developer of high-  
performance, high-  
quality RF front-end  
chip modules

# Legend Holdings Family Group's AI footprint

## Technical Layer



Intelligent manufacturing company specializing in vision inspection



Specializing in the digitization and intelligence of offline spaces



Leading company in gait recognition technology



Provider of comprehensive solutions for intelligent vision inspection



Technology startup specializing in industrial appearance inspection



Dedicated to researching digital twin technology and integrating it into various industries



High-tech company specializing in the development of machine vision technology



Technologically innovative company focusing on intelligent vision for home appliances



Industry-leading AI company



High-speed and high-definition 3D visual product and solution provider



Listed company with industry-leading intelligent speech interaction and AI



Renowned intelligent text processing enterprise



One-stop service provider covering writing, rewriting, publishing and monitoring



Industry-leading cognitive intelligence company



Provider of natural language interaction solutions



Provider of "device plus cloud" solutions and "infrastructure plus cloud" services



Cloud-based smart retail service provider



Cloud-based infrastructure software provider



High-tech enterprise offering SaaS-based, cloud-based mobile sales management services



Provider of one-stop cloud resource services and global converged CDN services



Integrated cloud desktop solution leader



China's first public cloud company listed on the SSE STAR Market



SaaS-based cloud-based mobile sales management service provider



Leading provider of IT infrastructure and solutions for hyper-converged storage and virtualization



The world's first cloud based after-sales service platform



Provider of SDN software and cloud-based data center networking solutions



End-to-end cloud IT solution provider



China's first AI-centric private cloud enterprise



Cloud rendering pioneer in China



Provider of full-stack domestic database products and services



Company specializing in intelligent data analysis and data security



Provider of integrated digital solutions for customer experience management and precise marketing



Developer of advanced cloud computing software and data processing system



High-performance cryptographic chip developer



One-stop cybersecurity product and service vendor



Cybersecurity vendor specializing in XDR



Leading domestic data security service provider



Big data-driven network performance management enterprise



Provider of financial-grade privacy computing technology and products



Dynamic security technology vendor



Leading security validation enterprise in China



Innovative cybersecurity company



Leading network security service provider



Provider of big data-powered security technology based on modern cryptography and game theory



World-leading blockchain security company



# Legend Holdings Family Group's AI footprint

## Technical Layer



wenjuan.com

Digital services and solutions provider



Comprehensive security solutions provider



Visual cloud computing service platform



Customized security solutions provider



Semiconductor manufacturing, R&D, and processing company



Renowned intelligent text processing enterprise in China



Leading company in vertical industry large models in China



Driving digital transformation across finance, energy, manufacturing, and government



Driving digital and intelligent industry transformation



Supplier of compression products and solutions from algorithms to chips



Provider of full-stack cloud-native security solutions



Committed to innovative end-to-end identity authentication solutions



Data security products and solutions provider



AI-driven auto safety service provider



Provider of embodied intelligence solutions for general-purpose robots



Comprehensive large-scale AI interview solutions provider



Leading domestic database enterprise



R&D and service provider of big data technology and systems



Integrated cloud platform and cloud services provider

# Legend Holdings Family Group's AI footprint

## Platform Layer



Listed company with industry-leading intelligent speech interaction and AI



Company specializing in intelligent data analysis and data security



China's leading machine intelligence research institute



China's leading opensource software company



Platform-centric AI solution provider and enterprise-level end-to-end AI product developer



Leading strong cognitive AI application developer



Big data engine integrating computing and AI



Leading Cloud-HPC SaaS platform



Major service provider of Android-based Internet ecosystem standards and commercialization



AIoT operating system provider



Data infrastructure and operating system provider



Industry-leading enterprise-level acoustic AI company



Advanced AI decision-making technology company in China



The latest open-source information and technology sharing platform



Leading developer of intelligent technology for AI knowledge



Digital twin application support platform



Intelligent collaborative office platform and private cloud builder



A leading company in intelligent office and RPA solutions



Developer of Open Source Large Language Models



Developing a general-purpose intelligent agent that enables refined operations



A service provider of intelligent transformation solutions and self-developed supermodels



Focused on industrial-grade aPaaS to enable enterprises' digital transformation



Provide advanced infrastructure and one-stop solutions for accelerated computing globally



FMCG marketing service provider



Company creating an ecosystem of Large Language Models



Technology company specializing in new drug discovery and development



5G technology developer



A leading Intelligent learning company in China



Online Education Product Provider



A leading company in digital training in the era of spatial computing

# Legend Holdings' Family Group's AI footprint

## Model Layer

 <p>智谱·AI</p> <p>Leading developer of intelligent technology for AI knowledge</p>	 <p>科大讯飞 IFLYTEK</p> <p>Listed company with industry-leading intelligent speech interaction and AI</p>	 <p>达观数据 DATA GRAND</p> <p>Big data engine integrating computing and AI</p>	 <p>达观数据 DATA GRAND</p> <p>Renowned intelligent text processing enterprise in China</p>	 <p>澜舟科技 langboat</p> <p>Industry-leading cognitive intelligence company</p>	 <p>Style3D</p> <p>Digital R&amp;D solutions provider in garment manufacturing</p>	 <p>NYONIC</p> <p>AI-based large model company</p>	 <p>海致</p> <p>High-tech enterprise specializing in cognitive intelligence technology innovation</p>	 <p>百川智能 BAICHUAN AI</p> <p>An artificial intelligence company to build the foundation for China's foremost large model</p>
 <p>实在智能 INTELLIGENCE INDEX</p> <p>A leading company in intelligent office and RPA solutions</p>	 <p>科大讯飞 IFLYTEK</p> <p>Listed company with industry-leading intelligent speech interaction and AI</p>	 <p>达观数据 DATA GRAND</p> <p>Renowned intelligent text processing enterprise in China</p>	 <p>妙笔 内容营销机器人</p> <p>One-stop service provider covering rewriting, rewriting, publishing and monitoring</p>	 <p>澜舟科技 langboat</p> <p>Industry-leading cognitive intelligence company</p>	 <p>思必驰 AISP3CH</p> <p>Provider of natural language interaction solutions</p>	 <p>联想</p> <p>Provider of "device plus cloud" solutions and "infrastructure plus cloud" services</p>	 <p>慧策   旺店通</p> <p>Cloud-based smart retail service provider</p>	 <p>ZStack 云轴科技</p> <p>Cloud-based infrastructure software provider</p>
 <p>红圈CRM®</p> <p>High-tech enterprise offering SaaS-based, cloud-based mobile sales management services</p>	 <p>AgotoZ</p> <p>Provider of one-stop cloud resource services and global converged CDN services</p>	 <p>VDIBOX</p> <p>Integrated cloud desktop solution leader</p>	 <p>UCloud 优刻得</p> <p>China's first public cloud company listed on the SSE STAR Market</p>	 <p>励销云</p> <p>SaaS-based cloud-based mobile sales management service provider</p>	 <p>smart MAKE IT SIMI</p> <p>Leading provider of IT infrastructure and solutions for hyper-converged storage and virtualization</p>	 <p>联保云</p> <p>The world's first cloud-based after-sales service platform</p>	 <p>YunShan Networks</p> <p>Provider of SDN software and cloud-based data center networking solutions</p>	 <p>BESPIN GLOBAL</p> <p>End-to-end Cloud IT solution provider</p>
 <p>T<sup>2</sup>CLOUD 云途膳</p> <p>China's first AI-centric private cloud enterprise</p>	 <p>RAYVISION 视云</p> <p>Cloud Rendering Pioneer in China</p>	 <p>GBASE®</p> <p>Provider of full-stack domestic database products and services</p>	 <p>志翔科技 ZSHIELD INC</p> <p>Company specializing in intelligent data analysis and data security</p>	 <p>众言科技 ZHONGYAN TECHNOLOGY</p> <p>Provider of integrated digital solutions for customer experience management and precise marketing</p>	 <p>数方信息 Shuangxin Information Technology</p> <p>Developer of advanced cloud computing software and data processing system</p>	 <p>华芯半导体 SINOSEMIC</p> <p>High-performance cryptographic chip developer</p>	 <p>NSFOCUS</p> <p>One-stop cyber security product and service vendor</p>	 <p>未来智安 XDR SEC</p> <p>Cybersecurity vendor specializing in XDR</p>
 <p>全知科技 QUAN ZHI TECH</p> <p>Leading domestic data security service provider</p>	 <p>Netis 天目</p> <p>Big data-driven network performance management enterprise</p>	 <p>蓝象智联</p> <p>Provider of financial grade privacy computing technology and products</p>	 <p>瑞数信息 RIVER SECURITY</p> <p>Dynamic security technology vendor</p>	 <p>CERTIK</p> <p>Leading security validation enterprise in China</p>	 <p>观成科技 VIEWINTECH</p> <p>Innovative cybersecurity company</p>	 <p>墨云科技 vackbot.com</p> <p>Leading network security service provider</p>	 <p>华控清交 HUA KONG TSINGJIAO</p> <p>Provider of big data powered security technology based on modern cryptography and game theory</p>	 <p>知其安 ZHI QI AN</p> <p>World-leading blockchain security company</p>



# Legend Holdings' Family Group's AI footprint

## Technical Layer

 <p><b>MS ENERGY™</b> 美克生能源 安心绿色生活，美好即克发生</p> <p>Leading safe, low-carbon and green energy provider in China</p>	 <p><b>志翔科技</b> ZSHIELD INC</p> <p>Intelligent data analytics and data security company</p>	 <p><b>CINOSSEM</b> 英诺森</p> <p>Provider of digital solutions for the energy sector</p>	 <p><b>领鞍科技</b></p> <p>PV tracker control system company</p>	 <p><b>数禺科技</b> AI 赋能工业·智造未来</p> <p>Industrial software service provider with the core underlying technology for CAD/CAE integration</p>	 <p><b>J-TECH CNC TECHNOLOGY CO., LTD.</b> 嘉泰数控科技股份有限公司</p> <p>Compressed-air energy storage system developer</p>	 <p><b>COSMX</b></p> <p>One of the world's top four suppliers of lithium-ion polymer batteries</p>	 <p><b>中飞艾维</b> airwing.ai</p> <p>Leading company in drone-based patrol systems for power cables</p>	 <p><b>WELION</b> 卫蓝新能源</p> <p>High-tech enterprise specializing in R&amp;D and production of solid-state lithium-ion batteries</p>
 <p><b>道一</b></p> <p>Leading virtual power plant operator in China</p>	 <p><b>泰豪</b> TELLHOW</p> <p>Leading solution provider in the energy Internet industry in China</p>	 <p><b>合力(天津)能源科技股份有限公司</b> HeLi Tech Energy Co., Ltd.</p> <p>Tech-oriented oil service company specializing in technology for oil and gas development</p>	 <p><b>Fulhan</b></p> <p>Video-centric chip designer and developer</p>	 <p><b>StorSee</b></p> <p>Listed company with industry-leading intelligent speech interaction and AI</p>	 <p><b>银河水滴</b> WATRIX.AI</p> <p>Gait recognition technology leader</p>	 <p><b>DUNJIA</b></p> <p>Technologically innovative company focusing on smart home vision hardware</p>	 <p><b>Lunit</b></p> <p>Medical AI enterprise in assisted diagnosis of and treatment for tumors</p>	 <p><b>深睿医疗</b> deepwise</p> <p>AI-powered online healthcare solution provider</p>
 <p><b>XBIO ME   未知君</b></p> <p>Leading AI+BT-based microbiome drug developer</p>	 <p><b>AI PATHOLOGY ANALYTICS</b></p> <p>Provider of digital solutions for AI pathology analytics</p>	 <p><b>望石智慧</b> STONEWISE</p> <p>AI-driven drug R&amp;D company</p>	 <p><b>BioMap</b> 百图生科</p> <p>Bio-computing engine-driven platform for innovative drug discovery</p>	 <p><b>Xellar</b> biosystems</p> <p>Wet lab AI biotech company</p>	 <p><b>ClinBrain</b> 柯林布瑞</p> <p>Leading medical big data service provider in China</p>	 <p><b>维卓致远</b></p> <p>Comprehensive digital surgery platform</p>	 <p><b>志诺维思</b> GENOME WISDOM</p> <p>Multi-modal medical AI big data company</p>	 <p><b>易复诊</b></p> <p>Multi-modal medical AI Leading high-tech "Internet + healthcare" enterprise in China</p>
 <p><b>Leapstack</b> 浅略</p> <p>Insurtech company specializing in health insurance risk management</p>	 <p><b>同心智医</b> UNIMED</p> <p>High-tech company and diagnosis and treatment platform that addresses the clinical needs of brain diseases and other major diseases</p>	 <p><b>健保科技</b> JIANBAO TECHNOLOGY</p> <p>Leading company in China's commercial insurance TPA field and PBM industry</p>	 <p><b>BSmartD</b> 智慧·医生·管理·未来</p> <p>Smart medtech company</p>	 <p><b>微纳芯</b> MNCHIP</p> <p>The world's leading provider of rapid in-vitro diagnostic devices and reagents</p>	 <p><b>ADEN</b> 艾登</p> <p>Comprehensive DRG/DIP solution provider</p>	 <p><b>长水谷</b> 人工智能赋能骨科</p> <p>Provider of AI in orthopedics and surgical robotics solutions</p>	 <p><b>德开医药</b></p> <p>Leading online pharmacy enterprise in China</p>	 <p><b>汇禾医疗</b> HuiHe Healthcare</p> <p>Cardiovascular implant developer</p>
 <p><b>EDGE MEDICAL®</b> 精锋医疗</p> <p>World-leading and fast-growing surgical robot company</p>	 <p><b>蓬莱数据</b> PALLINE</p> <p>Healthcare management solution provider</p>	 <p><b>强联智创</b> 智享新生 领创未来</p> <p>Intelligent cerebrovascular disease diagnosis and treatment solutions provider</p>	 <p><b>深透科技</b> SUBTLE MEDICAL</p> <p>Leading medical imaging software company</p>	 <p><b>碳硅智慧</b> CarbonSilicon AI</p> <p>AI infrastructure and service enterprise in drug discovery</p>	 <p><b>寻因生物</b> SEEKGENE</p> <p>Technology company that independently develops single-cell technology</p>	 <p><b>腾辰</b> TANTICA</p> <p>Biotech company that develops new-generation in-vitro diagnostic technology and products for tumors</p>	 <p><b>AURORA*</b> 耀乘</p> <p>Provider of clinical R&amp;D solutions of life sciences</p>	 <p><b>Ehome</b> 伊鸿健康</p> <p>Innovative provider of testing products and services for primary healthcare</p>

# Legend Holdings Family Group's AI footprint

## Application Layer



Provider of digital healthcare services



Developer of high-end rehabilitation robots and comprehensive intelligent rehabilitation solutions



Provider of solutions adapted to end-usage and production processes



Synthetic biology and gene & cell therapy company



China's leading provider of overall smart healthcare solutions



AI-powered medical imaging enterprise



Medical rehabilitation robotics company



Innovative MedTech company



Developer of AI-assisted diagnostic system for internal medicine



Specializing in areas such as minimally invasive spine treatment, 3D-printed orthopedic implants, smart orthopedic surgeries and AI



Innovative neuro-medical imaging company



AI enterprise with smart medical treatment and chronic disease management as its core



Dedicated to research on brain-computer interfaces, AI, virtual reality and other cutting-edge technologies



Pioneer and leader in robot-assisted surgical navigation



Dedicated to research on the integration of neuroscience and AI and related applications



Dedicated to the R&D, equipment innovation and services of precision radiotherapy technology



MedTech company offering digital services



Medical robotics developer



Specializing in developing and making automated equipment for assisted reproduction



Top AI-powered protein design platform in China



Specializing in robotics R&D in the fields of surgery, rehabilitation, and clinical therapeutics



World-leading high-tech manufacturing enterprise



Provider of 3D-based intelligent manufacturing software service



Chinese intelligent industrial software developer



Provider of latest-generation of cloud platform for digital supply chain



Provider of industrial AI vision and intelligent analytics services



Service platform of one-stop flexible intelligent supply chain



Digital industrial supplies & service platform



Pioneer and leader in autonomous case-handling robot systems



Robot chassis manufacturer and mobile robot system solutions provider



Intelligent robot maker



Provider of intelligent manufacturing and smart storage service



Provider of industrial AI technology and solutions



Intelligent robot developer



Developer and maker of industrial drone product and system



Developer of commercial robot application and technology



Technology company in complex, precision and smart manufacturing



Provider of autonomous industrial vehicles and intralogistics automation solutions



Manufacturer of new-generation robots for human-computer interaction and collaboration



Global leader in intelligent mobile robots



Developer of AMR software, hardware and cloud service



The world's first autonomous aerial construction platform based on wind-induced stability control



Industry-leading expert in high-speed robotics



Robot actuator developer and maker



Technology startup in industrial appearance inspection



# Legend Holdings Family Group's AI footprint

## Application Layer



Provider of high-speed high-definition 3D products and solutions



Dedicated to planning and implementing solutions to one-stop indoor and outdoor smart factory logistics



Developer of non-invasive testing products using electromagnetic ultrasonic and ultrasonic guided-wave acoustic technologies



Leading supplier of products and solutions for industrial automation, digitalization and intelligence



High-tech company in machine vision



Industry-leading provider of enterprise-level acoustic AI service



Provider of next-generation intelligent cloud-edge IoT products and services



Chinese independent industrial software developer



The first company in the industry to establish an industrial intelligent design technology system



Digital R&D solutions provider in garment manufacturing



High-tech enterprise specializing in the R&D and application of thin film and high-throughput material preparation systems



Important leader in intelligent instruments and equipment in China and worldwide



Specializing in applying digital twin technology to various industries



Provider of new-generation advanced manufacturing technology services for production lines



Dedicated to research on intelligent technology for maritime-related fields



Industrial control infrastructure provider



High-tech enterprise specializing in the R&D, production and sales of precision optical systems and equipment



Supplier of credit risk management system solutions for the banking industry



Dedicated to the development and applications of big data basic software



Provider of digital wealth and asset management solutions



Digital operation solutions provider



Innovative financial platform acting as a bridge between Chinese SMEs and global capital



Provider of comprehensive and high-quality fintech services for enterprises



Provider of solutions such as digital rule of law and "public security brain"



Provider of enterprise-level evolutionary neural networks for companies



AI self-driving technology provider



Autonomous Driving Technology and Operations Company



Core technology company focusing on V2X, autonomous driving, and high-performance perception



Specializing in intelligent automotive high-performance computing software platforms and autonomous driving software products



Specializing in AI technology in intelligent driving



The first domestic OEM production and supply enterprise for passenger vehicle air suspension systems



Full-stack autonomous driving solutions provider



Developer specializing in intelligent remote control systems for construction machinery



Supplier of automotive intelligent products and secure mobility solutions



Enterprise specializing in intelligent electric vehicles and smart mobility



Provider of universal Autonomous driving solutions and technologies



Specializing in manufacturing high-performance luxury vehicles



Provider of truck hardware for autonomous driving software companies



Manufacturer of intelligent new energy trucks



Provider of Integrated Urban Transportation Solutions



A cultural technology company providing ultimate immersive experience



An industry-leading AI+ synthetic peptide drug development platform



Leader in intelligent automation for life sciences



An industry-leading intelligent network security company



A provider of business consulting, IT system implementation and content services in credit risk management



# Legend Holdings' Family Group's AI footprint

## Application Layer



China's advanced distributed green energy aggregation service provider



A leading hydrogen energy technology company with a global vision



A globally leading new energy innovation technology company



A precision fermentation company focused on synthetic biology



A company committed to building a digital transformation community



SUBTLE MEDICAL  
AI medical imaging company



A company focused on the R&D and manufacturing of intelligent diagnosis and treatment equipment



A leading Chinese Smart EV company



A company specializing in AI intelligent imaging equipment



A leading third-party payment institution in China



A high-tech enterprise engaged in the R&D, sales, value-added business management and operation of mobile medical products



# Thanks for your attention

Presenter name

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