



**AsialInfo Technologies Limited**

(Incorporated in the British Virgin Islands with limited liability)

Stock Code: 01675

# Innovation and Transformation for Prosperous Future

Environmental, Social and  
Governance (ESG) Report  
2023







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# ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORT

ENVIRONMENTAL, SOCIAL AND  
GOVERNANCE (ESG) REPORT**ABOUT THIS REPORT****Guidelines for this Report**

Asialfo Technologies is pleased to publish the 2023 Environmental, Social and Governance (“**ESG**”) Report (“**ESG Report**” or this “**Report**”). This Report is prepared in accordance with the Environmental, Social and Governance Reporting Guide (“**ESG Guide**”) set out in Appendix C2 to the Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited (the “**Listing Rules**”) issued by The Stock Exchange of Hong Kong Limited (the “**Stock Exchange**”).

**Scope of this Report**

**Reporting scope:** Unless otherwise stated, the reporting scope covers the Group.

**Reporting period:** Unless otherwise stated, the reporting period is from 1 January 2023 to 31 December 2023 (the “**Reporting Period**”).

**Statement on this Report**

This Report is prepared based on the reporting principles of materiality, quantitiveness, balance and consistency in the ESG Guide and is disclosed in compliance with the requirements of “mandatory disclosure” and the provisions of “comply or explain”.

**MATERIALITY:**

During the year, the Group continued to conduct dialogue with various stakeholders to recalibrate and review the materiality issues that were in line with the macro trends as well as its own development, so as to provide critical responses and disclosures on issues that had significant impacts. The Board also confirmed the results of the materiality issues that were determined.

**QUANTITATIVENESS:**

The Group establishes data statistics mechanism for the measurable KPIs specified in the ESG Guide, and discloses the numerical calculation results in this Report and indicates the basis of calculation and statistical standard.

**BALANCE:**

This Report reflects objective facts and discloses both positive and negative indicators information.

**CONSISTENCY:**

This Report uses consistent methodologies as the previous ESG reports to allow meaningful comparisons of ESG data for the Reporting Period with historical data and future data. If adjustments are made to the methodologies, this Report explains the specific changes.

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORT

The Group attaches great importance to the contents of this Report and strives to ensure that all information and data derived from the original records or financial reports during the daily course of the Group. The Board reviews this Report to ensure that there are no false records, misleading descriptions or major omissions in its content.

### **Publishing of this Report**

This Report is published in both Chinese and English versions and can be accessed and downloaded on the “HKEX news” website of the Hong Kong Stock Exchange ([www.hkexnews.hk](http://www.hkexnews.hk)) and the official website of AsialInfo Technologies ([www.asiainfo.com](http://www.asiainfo.com)).

### **Advice and Feedback**

Thank you so much for reading this Report. Your valuable advice will provide continuous impetus for improvement of our sustainability and the quality of ESG reports. Please feel free to contact us via the following way.

Email: [aitech-boardoffice@asiainfo.com](mailto:aitech-boardoffice@asiainfo.com)



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### INTRODUCTION OF ASIAINFO TECHNOLOGIES

#### About Us

Since its establishment in 1993, AsialInfo Technologies Limited (short name: AsialInfo Technologies, stock code: 01675.HK) developed the market for 30 years and successfully listed its Shares on the Hong Kong Stock Exchange in 2018. As a leading provider of software products, solutions and services, AsialInfo Technologies has comprehensive full-stack digital and intelligent capabilities, including consulting and planning, product R&D, implementation and delivery, system integration, intelligent decision-making, data operation, and customer services, etc.

AsialInfo Technologies has advanced technologies in 5G, cloud computing, big data, AI, IoT and other fields, to provide end-to-end digital intelligence transformation services to customers in the communications, government affairs, finance, energy, transportation and postal industries and other industries.

AsialInfo actively participates in international standardisation organisations such as ETSI, 3GPP, and TMF, holding authoritative membership within the global communications industry. The company is also deeply engaged in the industrial Internet sector, serving as the vice-chairman unit of the China Industrial Internet Industry Alliance and as a member of the Global Mobile Operators Association (GSMA).

Adhering to the corporate vision of “becoming the most reliable digital intelligence value creator”, with full-stack digital intelligence capabilities as its core, AsialInfo Technologies is committed to innovating customer value and promoting the construction of Digital China. The Company adheres to its values and business development strategies, establishing an ecosystem with industry partners to aid enterprises in digital transformation and sustainable industrial development, thereby contributing to Digital China and the development of new infrastructure.

#### Corporate Purpose

Since its establishment in 1993, AsialInfo Technologies has adhered to the values of “Customer-focused, Results-oriented, Openness and Collaboration, Pursuit of Efficiency and Embracing Change.” It is committed to leading the Group forward with the corporate vision of “becoming the most reliable digital intelligence value creator.” The Directors and employees work with a responsible and professional attitude, striving to meet the diverse needs of customers with innovative and advanced technologies, and providing comprehensive and efficient digital intelligence services.

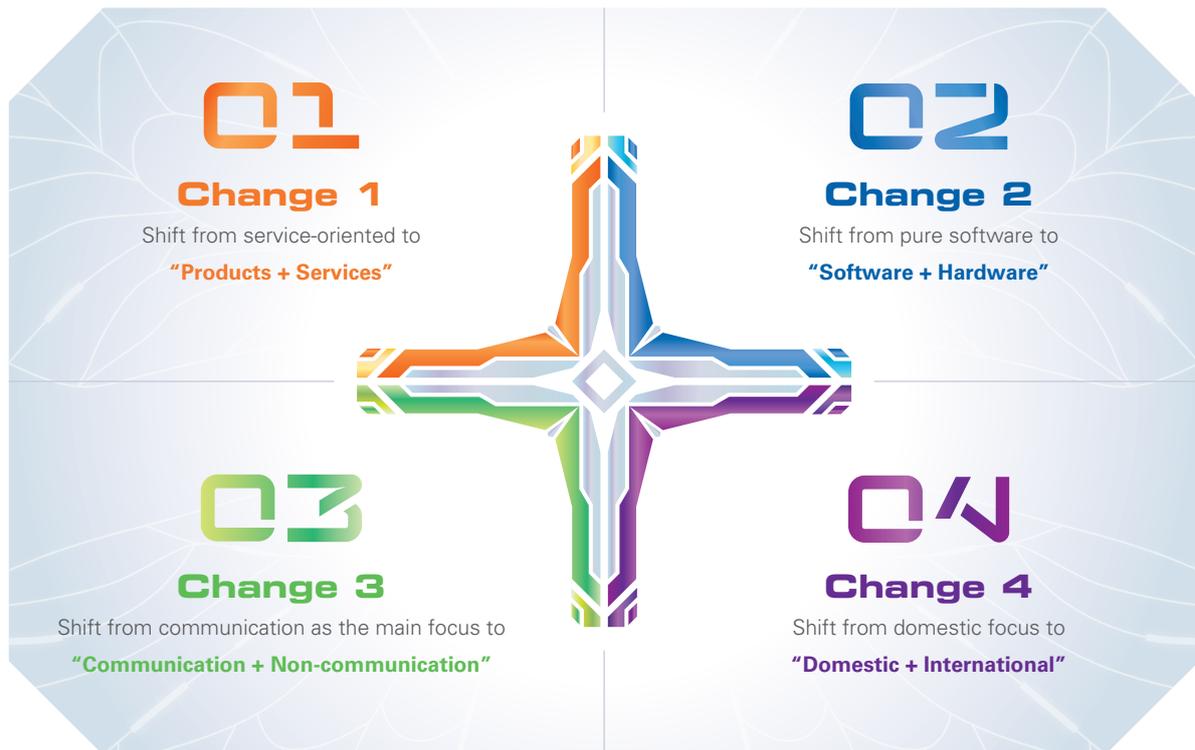


## ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORT

With the mission of “renewing customers’ value and promoting the China’s digital development based on full-stack capabilities for digital intelligence”, we actively engage with authoritative organisations in the global communications industry, gaining insights into industry trends, and delivering excellent services to our customers. The directors of the Company consistently monitor profit and income status to ensure that the Group’s business remains closely aligned with customer needs. In addition, we actively participate in various exhibitions, forums and summits, share data and information with industry colleagues, and jointly promote the vigorous development of China’s digital economy.

### Corporate Strategy

AsialInfo Technologies took the lead in proposing the core strategy of “Four Transformations” to promote the continuous business development of “One consolidation, Three developments” and achieve “Dual Leadership in Both Products and Services”. The Company maintains rapid development by prioritizing sustainable practices, investing in scientific research and innovation, exploring broader markets, and consistently maintaining its leading edge in the field of information technology.



### Corporate Culture

AsialInfo Technologies attaches great importance to the construction of corporate culture and strengthens the cohesion of the Company through culture as a link. We make unremitting efforts and conduct regular training to enable directors and employees to deeply understand and identify with the Group’s purpose, values and culture. At the same time, directors regularly receive the latest legal and regulatory information to ensure that the Company complies with laws and regulations during operations and avoids risks.

### Corporate Carbon Neutrality Target

Strive to realise complete carbon neutrality by 2028.

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Performance highlights in 2023

ENVIRONMENT:

Total clean energy usage  
(distributed photovoltaic  
generation) increased by  
**39.6%**  
compared with 2022

Office waste produced  
dropped by  
**31%**  
compared to 2022

Food waste produced  
dropped by  
**27%**  
compared to 2022

Wastewater discharge  
dropped by  
**16%**  
compared with 2022

Total electricity  
consumption of Beijing  
AsialInfo Plaza will be saved  
by **8.7%**  
compared with 2022



SOCIAL:

Total number of trainees increased by  
**10.9%** compared with 2022

Expenditure on R&D:  
RMB **1.095** billion

Percentage of Revenue for R&D:  
**13.88%**

Participate in International and Domestic Standards:  
**85**

Publish Academic Thesis:  
**28**

Number of new patents:  
**49**

Number of new software  
copy right:  
**167**



GOVERNANCE:

Female directors:  
**2**

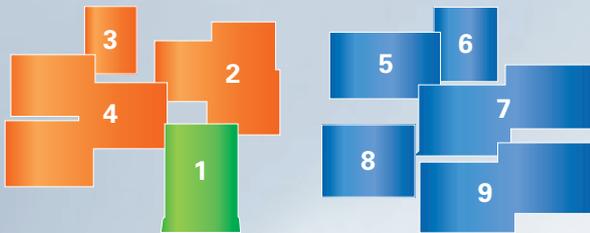
Percentage of female executives:  
**42%**

Professional ethics training coverage:  
**100%**



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## Awards and honours in 2023



## ESG

- 1 ESG "Best Technological Innovation Award"  
THE ASSET《財資》

## Enterprise Award

- 2 "Best mid-market cap – Gold Award"  
"Best Technology Company – Gold Award"  
"Best DEI (Diversity, Equity, Inclusion) Strategy – Silver Award"  
FinanceAsia 亞洲金融

- 3 Best IR Company  
HKIRA



- 4 **“Top 100 Private Enterprises in Beijing”**  
**“Top 100 Private Enterprises in Science and  
 Technology Innovation in Beijing”**  
**“Top 100 Private Enterprises in Social  
 Responsibility in Beijing”**  
*Beijing Federation of Industry and Commerce*

#### Technology innovation

- 5 **Postdoctoral Programme**  
*National Postdoctoral Management Committee, Human  
 Resources and Social Security Bureau*
- 6 **2023 Science and Technology Progress First Prize**  
*Chinese Association of Automation*

- 7 **Outstanding Innovative Software Products  
 2022–2023**  
**Top 100 most competitive companies in software  
 and information technology services in 2023**  
*China Electronic Information Industry Federation*
- 8 **“Dingxin Cup” First prize**  
*Institute of Cloud Computing and Big Data of the China  
 Academy of Information and Communications  
 Technology*
- 9 **ITU 5G Artificial Intelligence Challenge Winner**  
*ITU*

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORT

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### STEADY GOVERNANCE AND LEADING WITH RESILIENT

#### ESG Governance

As global competition continues to intensify, AsiaInfo Technologies acknowledges the significance of ESG considerations as pivotal for the long-term and stable development of enterprises. We have implemented a top-down ESG governance system and consistently adhere to the principles of ESG in our operations. The Board is the highest decision-making body of AsiaInfo Technologies and assumes the highest ESG governance functions. It is responsible for decision-making and supervising the company's various ESG work, including ESG governance strategy formulation, ESG risk management, ESG target review and other important matters.

In terms of specific promotion and implementation of ESG work, AsiaInfo Technologies established the ESG working group, which was composed of core staff from the Board Office, the Administration Department, the Strategy Department and other relevant departments. The ESG working group fully plays its role in daily operations, including implementing the Company's ESG governance strategy and approach, identifying and analysing ESG risks and opportunities, and tracking and reviewing the achievement of ESG objectives for reporting to be considered by the Board on a regular basis. Each functional departments and subsidiaries cooperate with the ESG working group and participate in the preparation of ESG reports and the implementation of specific ESG projects and plans.



#### THE BOARD

To decide and monitor ESG activities; to review ESG management strategy, ESG risks, ESG objectives, ESG reports, etc.



#### ESG WORKING GROUP

To implement ESG-related work (ESG governance strategy formulation, ESG risk management, ESG target management) as requested by the Board; to be responsible for preparing ESG reports; to report ESG-related work to the Board on a regular basis



#### VARIOUS FUNCTIONAL DEPARTMENTS AND SUBSIDIARIES

To participate in the preparation of ESG reports and assist in the collection of relevant information; to implement ESG objectives and related action plans

At the daily operational level, AsialInfo Technologies further enhanced the Company's decision-making and implementation mechanisms. It has established a corporate decision-making committee and set up six dedicated committees to manage Operations Management Committee, Technology Committee, Investment Committee, Digital Management Committee, Information Security Committee and Professional Ethics Committee, respectively, to ensure the implementation of ESG issues such as business ethics, information security, customer data and privacy protection in daily operations.

During the Reporting Period, the Board conducted the review and results of the materiality issues, reviewed reports on risk management efforts and offered constructive feedback and guidance, and provided informed perspectives on the advancement of ESG objectives. The Decision-Making Committee and its dedicated committees continue to carry out ESG-related governance work throughout the year to ensure the Company's compliance and sustainability in important areas. AsialInfo Technologies has established an overall ESG governance framework through the process mechanism of decision-making and execution at the Board and committee levels. Each committee performs its own duties and supports each other, laying a solid foundation for the Company's sustainable development.

### Board Statement

The Board assumes full responsibility for overseeing the company's ESG strategy and reporting. The Board, through regular reviews of ESG reports, updates on ESG work progress, and briefings on the implementation of board resolutions, evaluates, prioritises, and manages significant ESG-related matters. They also conduct reviews and assess progress regarding ESG key performance indicators and goals.

AsialInfo Technologies has integrated ESG factors into daily risk management work. During the Reporting Period, the decision-making committee will regularly review risks and ESG risk management and provide guidance on ESG work policies.

### Board Diversity Structure

AsialInfo Technologies deeply appreciates the vital role of non-executive directors within the boardroom, injecting valuable industry experience and professional expertise. In order to ensure that the Company's interests are fully protected, the proportion of independent non-executive Directors on the Board of AsialInfo Technologies is as high as 30% (the Board includes 3 executive Directors, 5 non-executive Directors and 4 independent non-executive Directors with independent judgement).

The varied backgrounds and experiences of Board members are integral to the advancement of AsialInfo Technologies. We persist in adhering to the Board Diversity Policy, taking into account directors' skills, knowledge, experience, gender, and background during the nomination, selection, and appointment process. There are two outstanding female directors among the current directors, and the entire director team brings together professionals from different fields, covering professional capabilities in IT, marketing, human resources, finance, taxation, business management, risk management and other fields.

The Board of AsialInfo also includes two members with extensive experience in risk management: Mr. XIN Yuesheng and Mr. GE Ming. The prior experience that they respectively have gained in risk management within investment institutions and audit risk management has furnished AsialInfo Technologies with invaluable insights for enhancing its risk management endeavors.

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORT

### Stakeholder's Communication Channels and Major Expectation

The viewpoints of stakeholders from diverse backgrounds exert a significant influence on the Group's ESG initiatives. To ensure prompt understanding of the expectations and address the demands of various stakeholders, the Group has instituted a regular and diversified communication mechanism employing various methods. During the Reporting Period, the Group communicated with the identified major external stakeholders, as follows:

Stakeholders	Expectations and Requirements	Communication Channels
 <b>Shareholders</b>	Financial performance Information disclosure Information security management Investors interaction and communication ESG Governance	General meeting Annual report, financial statements and announcements Results release meetings and road shows The Company's website
 <b>Staff</b>	Employment management Safety and health Staff training and development	CEO direct contact line Staff satisfactory survey The Company's online forum Training activities
 <b>Customers</b>	Product R&D and Innovation Product support-based services capacity Privacy security Tackling climate change	Customer satisfactory survey Product release meetings and exhibitions Customer communication platform
 <b>Suppliers</b>	Procurement policy Fair transaction Supply chain management	Annual assessment Tendering and bidding activities Purchasing activities
 <b>Business partners</b>	Product R&D and Innovation Product support-based services capacity Intellectual property protection	Communication through meetings Public events

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Stakeholders	Expectations and Requirements	Communication Channels
 <b>Government and regulatory bodies</b>	Compliance with laws and regulations Anti-corruption Community investment Achieving high energy efficiency Environmental protection Tackling climate change Information security management	Government-enterprise cooperation projects Special reporting Regular supervision
 <b>Media</b>	Information disclosure Industry co-development	Press conference Media interview New media such as MicroBlog and WeChat
 <b>Investors or financial institutions</b>	Financial performance Customer privacy protection Investors interaction and communication	Annual report, financial statements and announcements Results release meetings and road shows The Company's website
 <b>Community and the public</b>	Community charity Improving the community environment Open and transparent information	Community charity activities Open house New media such as MicroBlog and WeChat

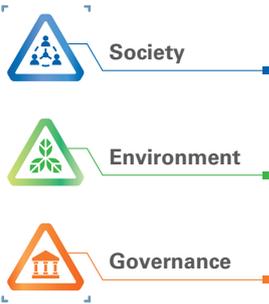
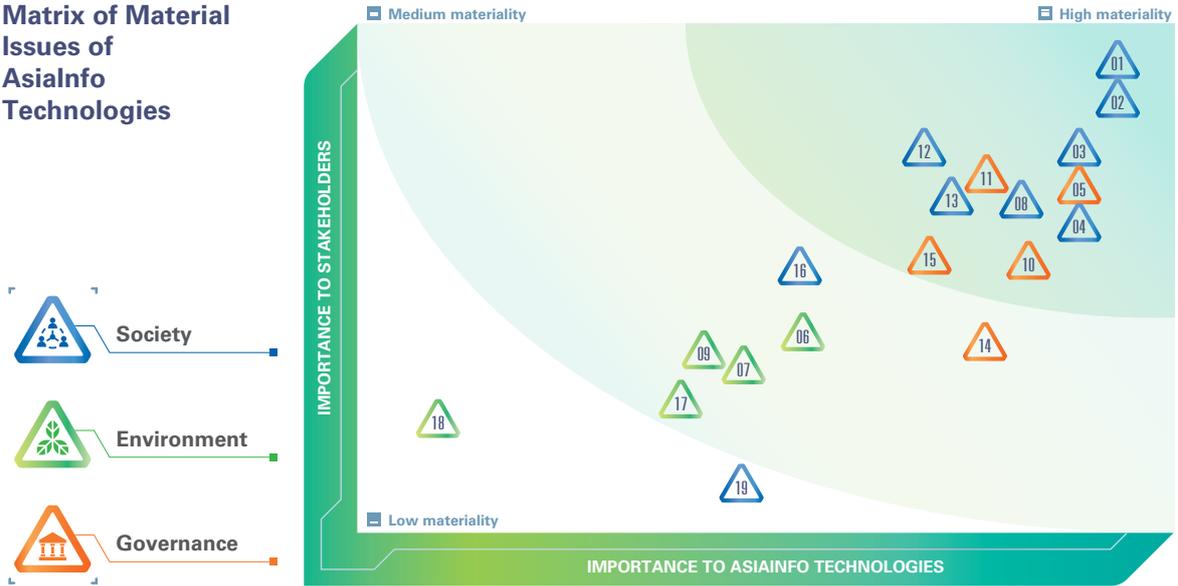
### Materiality Issue

During the Reporting Period, based on the domestic and international ESG report preparation standards and the mainstream ESG rating indices in the capital market, the Group updated and reviewed the materiality issues previously assessed from the two perspectives of "materiality to Asialfo Technologies" and "materiality to stakeholders" through consolidating the communication with various stakeholders.

Based on the results of the material issues review, the Group identified a total of 11 issues of high materiality, including 3 environmental issues, 5 social issues and 3 governance issues. This Report will provide a focused response to the issues of high materiality identified.

**ENVIRONMENTAL, SOCIAL AND  
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**Matrix of Material  
Issues of  
AsialInfo  
Technologies**



No.	Issue	Corresponding chapter
01	Customer data and privacy protection	Information Security Management
02	Information security management	Information Security Management
03	Technology R&D and Product Innovation	Product innovation and services
04	Employment management	Create a Happy Workplace
05	Intellectual property protection	Product innovation and services
06	Improving energy efficiency	Use of Clean Energy
07	Renewable energy use	Use of Clean Energy
08	Employees development and training	Employee development and growth and communication
09	Coping with climate change	Responding to climate change
10	ESG governance	ESG governance
11	Anti-corruption	Business Ethics and Anti-corruption
12	Product quality	Product innovation and services
13	Occupational health and safety	Occupational health and safety
14	Interaction and communication with investors	Stakeholder's Communication Channels and Major Expectation
15	Risk management	ESG risk management
16	Supply chain management	Responsible Supply Chain Management
17	Resources utilisation and management	Use of Clean Energy
18	Pollutants emission and management	Emissions Management
19	Community investment	Create Social Value

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORT

### ESG Risk Management

AsialInfo Technologies always insists on putting risk identification and management first in corporate governance. The Group has formulated a series of systems such as the “AsialInfo Technologies Comprehensive Risk Management System” and the “AsialInfo Technologies Internal Control System”. It also clarified the risk management level authority and working mechanism, and formulated a four-tier risk management organisational structure and seven specific work process steps. The Board and its Audit Committee serve as the foremost leadership and decision-making entities overseeing AsialInfo’s comprehensive risk management. They establish the Company’s overarching risk management objectives, management principles, and risk tolerance, and are tasked with endorsing risk management strategies and significant risk mitigation measures.

#### Four-tier Risk Management System



## ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORT



During the Reporting Period, AsiaInfo Technologies carried out two internal control evaluations and risk management tasks for key business links, improved a comprehensive risk management system that combines supervision, auditing, and internal control, and further strengthened the company's risk management level. Through the formed risk map, we can guide the development of future supervision, auditing and comprehensive risk management work, forming a closed management loop; in early 2023, a special group called the 'Risk Management Dashboard' was established, relying on IT capabilities to further optimize and enhance the risk management system.

The ESG risks were also included in the Group's risk management process. During the Reporting Period, the Group combined the internal control risk matrix with ESG risk to form an ESG risk matrix, and formulated risk response measures for major ESG risk points. It has genuinely embraced a consistent focus on enhancing the effectiveness of ESG management within the framework of internal control management.

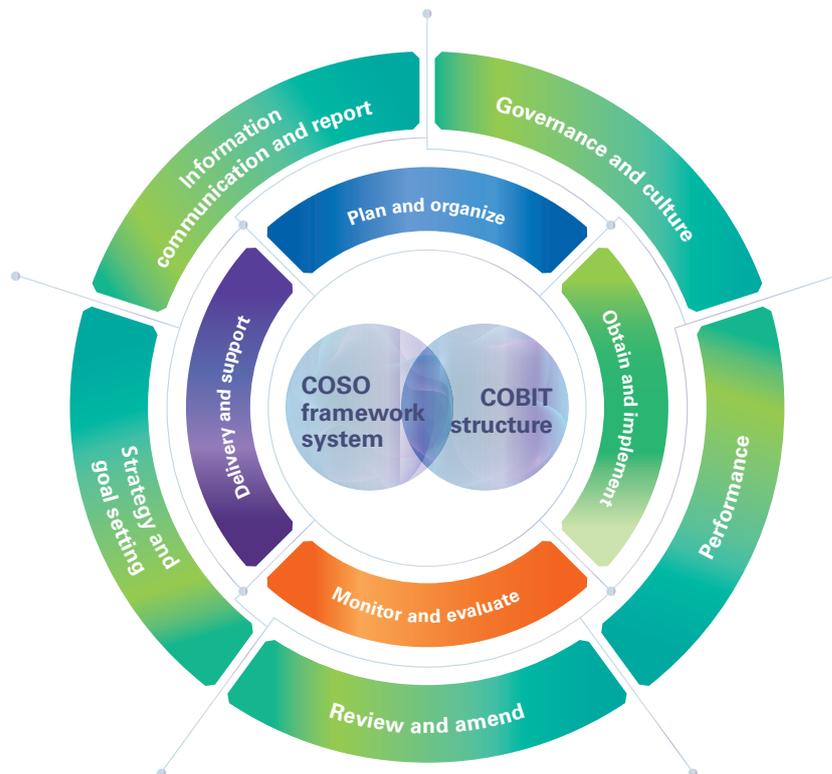


## ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORT

### Special Internal Control System of AsialInfo Technologies

Leveraging its IT technology advantages, AsialInfo Technologies integrates the COSO framework system and COBIT architecture<sup>1</sup> to build a risk management system with AsialInfo's characteristics:

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>▲ Recruit IT audit professionals to build a system that integrates internal control management objectives.</li> </ul>  | <ul style="list-style-type: none"> <li>▲ Focus on front-end project management, pay attention to the delivery and support of products and services during daily visits and surveys, and actively communicate with front-line workers for suggestions.</li> </ul>   |
| <ul style="list-style-type: none"> <li>▲ Further strengthen the emphasis on information security and focus on IT information security management.</li> </ul>  | <ul style="list-style-type: none"> <li>▲ Execute risk controls, address issues comprehensively, leverage the expertise of specialists, and offer constructive and rational recommendations in reshaping the business management system to mitigate internal control risks.</li> </ul>                            |
| <ul style="list-style-type: none"> <li>▲ Regularly assess the quality of IT processes and their compliance with control requirements based on existing business process internal control management and compliance monitoring.</li> </ul> | <ul style="list-style-type: none"> <li>▲ Stabilise the core of governance and culture, insist on updating and improving the risk management system, continue to focus on declaration of conflicts of interest, repair management loopholes, and enhance the value recognition of the company culture.</li> </ul> |



<sup>1</sup> COBIT is a framework for managing corporate IT. It is designed to ensure optimal coordination between various business units and IT and coordinate them together to achieve business goals.

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORT

### Three Lines of Defence for risk management of AsialInfo Technologies

#### FIRST LINE OF DEFENCE

Each back-office functional department, business unit and operation and human resources management department monitors the daily operation and management risks, performs risk analysis and reporting

#### SECOND LINE OF DEFENCE

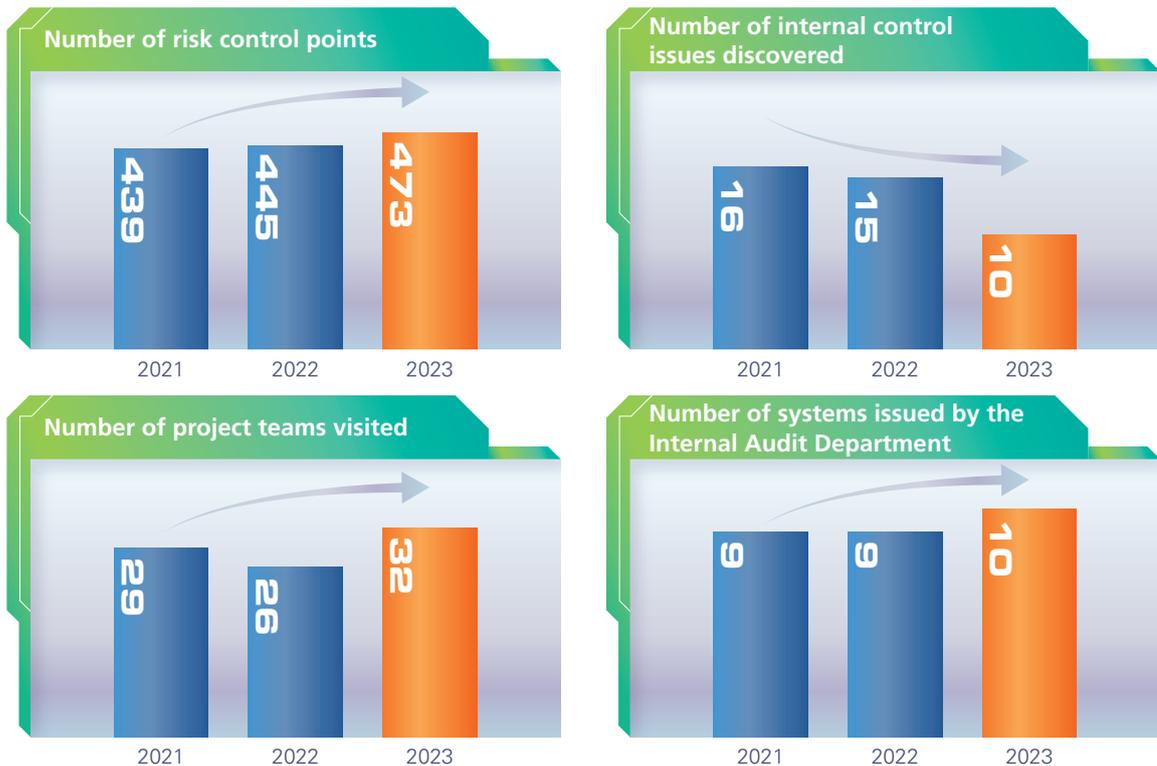
Being supervised and managed by internal audit department through internal control evaluation, audit, flight inspection, monitoring and supervision to facilitate internal optimisation

#### THIRD LINE OF DEFENCE

External audit department assists the Company to further identify and control risks through annual internal control, IT and financial report audits

Under the framework of the three lines of defense, AsialInfo Technologies' risk management and control system has gradually matured this year. During the Reporting Period, the internal control risk structure was the top priority of the core defense line and played the role of referee among the three lines of defense. The Group has incorporated information system auditing into its risk management strategy, and in the process of implementing the internal control 2.0 system, it has strictly complied with the "AsialInfo Technologies Comprehensive Risk Management System V2.0" and "AsialInfo Technologies Internal Control System V2.0" and other guiding regulations issued by AsialInfo and system. This ensures the quantification of risk information in operational management, assisting senior management and operational leaders in receiving timely warning signals and monitoring risks. This effort enhances the group's management efficiency while meeting regulatory requirements for information-based risk management and control.

The Group's internal audit work has improved its results year by year, with outstanding progress in various indicators:



Internal monitoring plays an important role in the risk management process:

Internal monitoring, as a crucial component of the internal audit and control work within our group, has seen significant improvement and enhancement this year. We successfully completed the supervisory investigation project and punished those who violated regulations and disciplines. We have facilitated improvements in areas such as pre-sales project approval and management by these monitoring efforts. In addition, we have compiled a cadre responsibility audit management plan and updated integrity posters to further strengthen the dissemination of a culture of integrity.

Customer site inspections, as another crucial aspect of internal monitoring, have also yielded significant results. In 2023, AsialInfo's internal audit department carried out a special audit of customer on-site information security, inspecting 23 projects in 6 provinces and 5 business divisions, covering a total of 1,121 people. We utilise various methods such as telephone interviews, questionnaire surveys, and on-site investigations for our visits. The aim is to enhance employees' awareness of safety production and examine the implementation of safety production systems. The efforts provide a solid guarantee for ensuring the safety and stability of customer sites.

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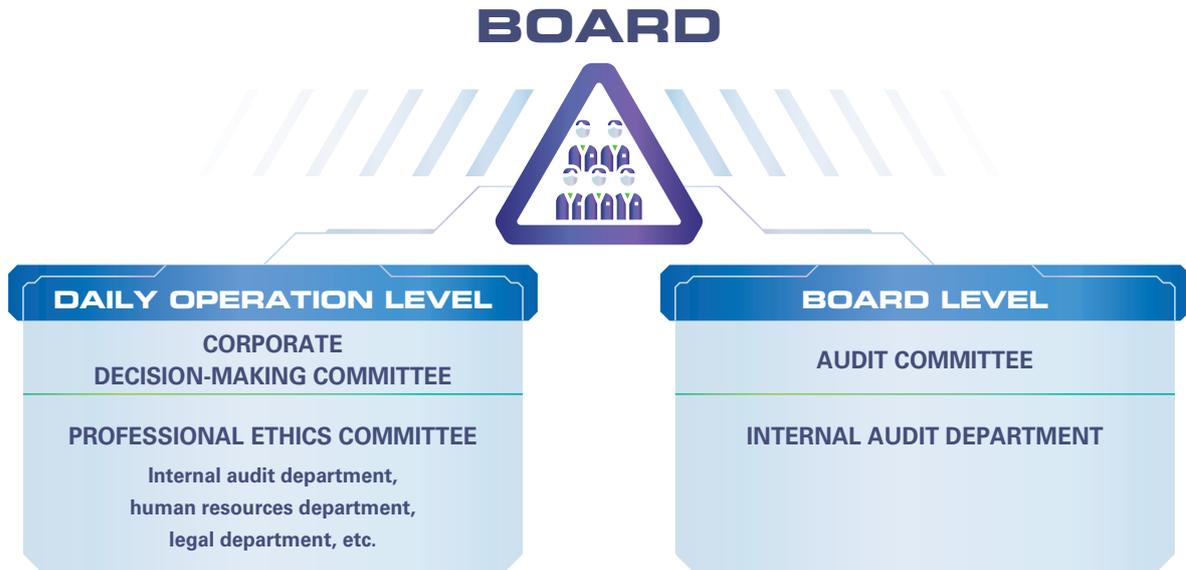
### Business Ethics and Anti-corruption

AsialInfo Technologies deeply ingrains the principles of integrity in business and ethical operations into its corporate culture. Business ethics and professional integrity are mandatory training topics for all employees. The Group strictly abides by the relevant laws and regulations that have a significant impact on it, including the Anti-Unfair Competition Law of the PRC (《中華人民共和國反不正當競爭法》) and the Anti-Money Laundering Law of the PRC (《中華人民共和國反洗錢法》), and consciously implements international conventions including the United Nations Convention against Corruption. In order to strengthen the internal compliance management of AsialInfo Technologies, the Group has formulated the AsialInfo Technologies Professional Ethics Code (《亞信科技職業道德規範》), AsialInfo Technologies Conflict of Interest and Reporting Implementation Rules (《亞信科技利益衝突及申報實施細則》) and other integrity and compliance management policies. Specific management requirements were proposed in such policies regarding the “prohibition of bribery and corruption, prohibition of accepting benefits, offering benefits, conflict of interest management, information confidentiality, prohibition of any form of fraudulent and dishonest acts”. During the Reporting Period, when cooperating with suppliers, the Group strictly abides by all regulations of the “AsialInfo Technologies Supplier Letter of Undertaking on Integrity” (《亞信科技供應商廉潔承諾函》) and “Letter of Undertaking on Compliance” (《合規承諾函》); the Group did not violate any anti-corruption-related laws and regulations in relation to the prevention of bribery, extortion, fraud and money laundering.

AsialInfo Technologies understands that corporate business ethics and the professional integrity of all employees are closely intertwined. This is because establishing an atmosphere of honesty and trust within the company is vital to ensuring the healthy internal development of the enterprise, which is an effective measure for upholding business ethics. The Group has formulated the Employee Labour Discipline Management Rules (《員工勞動紀律管理制度》), established a monitoring mechanism and conduct regular annual audit activities. Simultaneously, the Group specifies the basis for punishment for corresponding violations of rules and disciplines. For behaviours that violated the professional ethics of AsialInfo Technologies, the Company will impose sanctions or terminate the employment based on the severity of the circumstances. If the activities are violating the laws, the Company will bring them to national jurisdictions for trial in accordance with the law.

The Group is committed to upholding the principle of “abiding by the law, strictly adhering to the law, and holding accountable those who violate the law” in matters concerning business ethics and anti-corruption. From a management perspective, the Group relies on a three-level professional ethics management system consisting of the Board of Directors, the Company’s Decision-making Committee and the Professional Ethics Committee. The Board has the ultimate responsibility for business ethics. The Ethics Committee serves as the leading body for employee professional ethics development and compliance management. It is composed of company executives and relevant functional departments.

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Ethics Management Framework of AsialInfo Technologies

AsialInfo Technologies’s supervision mechanism not only helps to identify potential risks and problems, but also ensures the legality and transparency of business activities. The Group has not only formulated AsialInfo Technologies Complaint and Whistle-blowing Management System (《亞信科技投訴舉報管理制度》), to better supervise internal employees, but also developed the corresponding AsialInfo Technologies Whistle-blower Protection System (《亞信科技舉報人保護制度》) to protect the interest of whistleblower. At the same time, the Company has set up an integrity email address: AI\_AC@asiainfo.com, to ensure that the principles of integrity and fairness permeate throughout the Company. AsialInfo Technologies guarantees that every case will be investigated, and the investigation and settlement time of the case will not exceed 3 months. During the audit process, we pay special attention to the cultivation of an atmosphere of integrity and strive to establish employees’ internalised values of integrity, including emphasizing moral standards in training and education, promoting the improvement of ethical risk awareness, and motivating employees to voluntarily abide by the Company’s professional ethics guidelines.

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORT

AsialInfo Technologies is committed to addressing key issues such as conflicts of interest and cost control through a variety of means, including diverse compliance promotions, strengthening the integration of monitoring and internal controls, implementing integrity investigation questionnaires, and publicly disclosing disciplinary results to all employees. This comprehensive approach ensures the effective implementation of corrective measures, establishing and maintaining a culture of integrity within the company. With the support of the Group's clear policies and sound systems, during the reporting period, the Internal Audit Department and the School of Management successfully jointly implemented and completed professional ethics training for all employees, and conducted in-depth cooperation with resources such as Sunshine Integrity and the Anti-Fraud Alliance to ensure Comprehensive coverage of internal and external training. In 2023, AsialInfo Technologies trained a total of 1,169 full-time employees, demonstrating the Company's firm investment in human resource development. In the same year, we successfully facilitated over 13,000 permanent employees to complete the internal disclosure of close relatives and external interests, further enhancing transparency and credibility within the Company. For any internal personnel found to violate professional or business ethics, we will uphold the principle of fairness and take decisive action to ensure the overall interests of the company group and its partners are not compromised.

### Connected Transaction Management

AsialInfo Technologies strengthens mechanism protection and system construction to ensure that connected transactions do not damage the legitimate rights and interests of the Company and non-connected Shareholders. The internal audit department of our company is responsible for reviewing the adequacy and reasonableness of related transactions and internal monitoring procedures. The review results are then submitted to independent non-executive directors for annual review. In accordance with the "Company Law of the People's Republic of China" (《中華人民共和國公司法》) and other laws and regulations, the Group formulated the "AsialInfo Connected Transaction Management System V2.0" (《亞信科技關連交易管理制度V2.0》) based on its own actual conditions, established a list of connected persons, and carried out a series of compliance actions before connected transactions, including inspections and review and approval, and at the same time strengthen compliance education for relevant personnel. In the event of initiating long-term related transactions, relevant personnel will continuously review the circumstances and changes under such transactions to ensure that the declaration, announcement, annual review, and decision-making processes involving related parties and related transactions are conducted properly and in accordance with independent shareholder approval.



Poster

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORT

Leveraging its IT technology advantages, AsialInfo Technologies has developed a comprehensive online approval system for related transactions, which features the unique characteristics of our group. Additionally, we have established a database for related parties, which is regularly maintained and updated. This platform has opened up the whole process control link and effectively implemented the company's relevant systems. The departments involved include: business, sales, procurement, accounting, finance, internal control, Board office, etc. It also hires external third-party institutions to conduct annual independent review of connected transactions.

In 2023, all of the Group's connected transactions were conducted in accordance with relevant system regulations, fulfilling corresponding decision-making procedures and information disclosure obligations.

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### NETWORK AUTOMATION AND LEADING WITH RESPONSIBILITY

With the release of the country's "14th Five-Year Plan for Digital Economy Development", all walks of life are actively carrying out digital and intelligent transformation. Advanced technologies such as 5G communication, big data, cloud computing, and artificial intelligence have permeated every aspect of production and daily life, emerging as the hottest topics and pathways to the future. As an enterprise with technological advantages in the traditional communications industry, AsialInfo Technologies is well aware of the social responsibility of technological innovation. We grasp the opportunities of the current era and are steadily progressing towards a comprehensive transformation encompassing "Products + Services", "Communications + Non-communications", "Software + Hardware", and "Domestic + International" domains. Through continuous research and development and innovation, we continuously improve the quality of products and services and fully ensure information security. We engage in various collaborations with external organisations in the market, delivering innovative digital products and services to clients from various industries. This initiative has received widespread acclaim and demonstrates our commitment to fulfilling our social responsibility in driving the nation's digital economic development.

#### Product innovation and services

AsialInfo Technologies is rooted in algorithm, 5G communication, big data, cloud network, AI and other technical fields, and regards technological innovation as the corporate vitality. We actively protect both our own and others' intellectual property rights, prioritize information security and privacy management, deliver valuable professional services, and consistently maintain high-quality product standards. This approach aids customer enterprises in need to accelerate their digital transformation.

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORT

In 2023, AsialInfo Technologies launched a number of advanced products. These products not only demonstrate AsialInfo Technologies's leading position in the technology field, but also bring unprecedented experiences to users.



### CASE:

#### Internal Generation of Computing Power Network Product Series

In terms of network technology, AsialInfo has launched a series of internal generation of computing power network products, including internal generation of computing power 5G base stations, internal generation of computing power 5G MEC, and internal generation of computing power 5G core networks. These products deeply integrate computing power with the network, provide users with more efficient and intelligent network solutions, and create a new chapter in network technology. The deployment of AsialInfo's self-developed 5G wireless private network equipment has greatly reduced communication time and greatly improved debugging efficiency and collaboration efficiency.

At the same time, the key technology and applied technology of the internal generation of computing power network received recognition from the Chinese Association of Automation for achievement appraisal and won the First Prize for 2023 Sci-Tech Progress, issued by the Chinese Association of Automation. The Trusted Operation Transaction Platform for Computing Networks won 2023 Future Star Award from Trust Technology.



Certificate of Achievement Appraisal for Key Technology and Applied Technology of Internal Generation of Computing Power Network



ENVIRONMENTAL, SOCIAL AND  
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## CASE:

## Database 8.0 Product

In the field of database technology, AsialInfo Technologies has also demonstrated strong strength. Our Database 8.0 products have achieved major upgrades of two features: put “Hyper-converged Architecture” into production from laboratory, and stream computing has been upgraded to “Hyper-converged Streaming Real-time Warehouse”. It reflects AsialInfo Technologies’s profound foundation in database technology. Database won the “2023 Xinchuang Outstanding Contribution Award” and was also awarded the 2023 Galaxy Benchmark Case.



Database won the “2023 Xinchuang Outstanding Contribution Award” and was also awarded the 2023 Galaxy Benchmark Case

AsialInfo Technologies also has three major product systems and industry solutions: “IT”, “digital intelligence” and “cloud network”, covering all-round needs from infrastructure to application level, providing users with one-stop solutions. In finance, energy, transportation, or manufacturing industries alike, AsialInfo Technologies offers tailored solutions to support users in taking firm strides toward digital transformation.

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORT

### Intellectual Property Management and Performance

As society's awareness of intellectual property protection continues to grow, corporate intellectual property efforts are transitioning from a focus on quantity to a focus on quality. Particularly in the communications industry, intellectual property protection has consistently remained at the forefront compared to other industry. AsialInfo Technologies is well aware of the social responsibility of protecting intellectual property rights, which is not only the legal protection of technology, but also the asset protection of technology. Effective management of intellectual property rights can drive scientific research innovation, safeguard technological value, and serve as the foundation for sustainable development in both the market and the Company. In 2023, AsialInfo Technologies steadily advanced its intellectual property efforts. The Group formulated comprehensive internal policies for intellectual property protection management, such as the "Management Measures on Patent Applications" and "Management Measures on Patent Incentives", established a comprehensive system for intellectual property declaration, maintenance, and application, we emphasize enhancing the quality of invention patents and increasing the licensing rate. At the same time, the Group applied for software copyrights, published academic papers, and integrated technology and patents into international and domestic standards. The Company closely collaborates with professional intellectual property agencies to ensure that each application document meets high standards, thereby providing solid protection for the Company's innovative achievements. In addition, AsialInfo Technologies also actively participates in industry exchanges and cooperation on intellectual property, and jointly promotes the application and development of intellectual property with other enterprises, research institutions and academia.

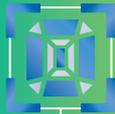
During the Reporting Period, AsialInfo achieved the following intellectual property performance:



## ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORT

### Successful Industry Collaboration to Shape a Stellar Reputation

In 2023, Asialfo Technologies engaged in a variety of collaborative projects with other enterprises and institutions within the industry across multiple technological domains. These projects further demonstrate Asialfo Technologies's strength in technological research and development, as well as its excellent product technology. Moreover, they have brought tangible benefits to its partners and users. As a service company that leads the digital transformation with technology during the "14th Five-Year Plan" period, Asialfo Technologies will solidify technology, realise the application of technology in a wide range of scenarios, and improve service levels by continuously deepening cooperation with leading enterprises in various industries. At the same time, it contributes digital affordable technologies in key areas such as communications, transportation, medical care, and new energy, promotes innovative development of the industry, and sets new industry benchmarks.



## 2023 TOP COOPERATION CASES

### Leading innovation in the communications industry

Asialfo worked closely with China Mobile to jointly build a "new generation digital intelligence cloud native business operation system" to promote intensification and efficient development of communication industry. This system not only improves customer experience, but also sets a new benchmark for the future development of the communications industry.



### Smart transportation to make convenient future

In the field of smart transportation, Asialfo joined hands with China Railway Signal & Communication Engineering Bureau Group and China Railway First Group Electric Engineering Co., Ltd. to help Chongqing build the largest smart high-speed rail hub in Southwest China based on the concept of "integrated station, city, and scenery". This innovative project not only improves the intelligence level of high-speed rail stations, but also provides new ideas and directions for the development of smart transportation.



Chongqing East Railway Station

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORT

### Medical health to safeguard life

AsialInfo joined hands with a provincial company of China Unicom to help a provincial health commission establish a unified platform for appointment registration, and making it more convenient for ordinary people to seek medical treatment. The platform not only integrating medical care, medical insurance, and medical services, but also has the technology of cracking down on scalpers that provides strong protection for fairness and order of medical health industry.



### Empower Small and Micro Enterprises to inject new vitality into the market

AsialInfo helped China Telecom to release the “ICT Integration Services for Small and Micro Enterprises”, helping small and micro enterprises grow rapidly with an efficient and flexible service model. This service not only reduces the operating costs of small and micro enterprises, but also injects new vitality into the prosperity and development of the market.



### New energy field to help green development

AsialInfo joined hands with CGN, CHN Energy Investment Group and others to jointly promote the development of new energy industry. By building the 5G private network wind farm and distributed photovoltaic operation and maintenance platform, AsialInfo provides strong support for the efficient and safe use of new energy and helps the world achieve green development goals.



### Unmanned driving to lead Industry 4.0

In the field of unmanned driving, AsialInfo, in conjunction with China Broadcast Network and ROCK-AI, combined 5G private network products with unmanned driving technology to assist a head mining enterprise in Xinjiang to put the “5G computing power endogenous private network + unmanned driving solution” into implementation, improving the operation efficiency of unmanned mining trucks and reducing operating costs, and also set a new milestone for the development of the Industry 4.0 era.



Intelligent Mining

ENVIRONMENTAL, SOCIAL AND  
GOVERNANCE (ESG) REPORT**Digital Intelligence Industrial Park to build smart future**

AsialInfo, together with Liangjiang Investment Group and Chongqing Mobile, assisted Liangjiang Collaborative Innovation Zone in building the operations management system of the digital intelligence park. The system efficiently supporting the investment promotion, property services and operation management of the park with its advanced technology and concept. It demonstrates the huge potential of digital and intelligent transformation in the field of park management.



Intelligence Industrial Park

**Safe production to protect lifeline**

Chongqing Shuzhi Luoji launched the "Monitoring and Control System for Major Hazard Sources" based on the edge AI all-in-one machine created by AsialInfo, providing a strong guarantee for the safe production of hazardous sources such as chemical factories. The application of this system not only strengthens production safety and social governance, but also contributes to the safety and stability of the entire society.



"Monitoring and Control System for Major Hazard Sources" was selected by the Ministry of Industry and Information Technology List of typical application cases of advanced computing in 2023

**Database Migration to Empower Enterprise Upgrades**

Based on AsialInfo's Database, China Mobile successfully completed the low-cost migration and transformation of the CRM global database in 11 cities of the province. The success not only showcases Database's high performance and compatibility but also provides strong technical support for the upgrading and transformation of enterprise databases.



Database

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## 2023 TECHNOLOGY AWARDS:

- ▲ “Mobile big data public service platform and its application” won the “third prize for science and technology progress” of CIE Science and Technology Award
- ▲ RPA communication business process management platform “2023 China’s most innovative AI products/solutions TOP30”
- ▲ Both of “Research on Off-peak Scheduling of Computing Network Resources” and “Innovative Solutions for Computing Power Grid Trading Model” were rated as “Outstanding Cases of Leading Computing Cloud Services”
- ▲ Metaverse Business Hall/Intelligent Operation and Maintenance” won TM Forum DTWA 2023 catalyst project award
- ▲ 2023 Top 100 Digital Technology Solution Providers
- ▲ Top 50 Data Middleware Platforms of 2023
- ▲ AIGC virtual digital human solution of intelligent customer service “AISWare AI² GC” ranked Second in the Top 100 Outstanding Cases of Artificial Intelligence in 2022
- ▲ AISWare AIMap GIS Platform won ‘Most Innovative Product of 2023
- ▲ Database won “China’s Leading Brand in Data Innovation Database of 2023”
- ▲ Application of “Research on Off-peak Scheduling of Computing Network Resources” won Top 10 Benchmark in the 2023 Computational Power Application Case List by Communication World
- ▲ 5G Private Network Product Wins the Editor’s Choice Award at the MWC Shanghai Exhibition by Communications Industry Report
- ▲ The Trusted Operation Transaction Platform for Computing Networks won 2023 Future Star Award from Trust Technology
- ▲ The 5G Private Network Boosts Enterprise Digital Transformation Solution won the ‘Digital Innovation Practice Award’ from China’s Digital and Software Service Industry”
- ▲ The Data Exploration and Analysis Platform Selected for the “2022–2023 Outstanding Innovative Software Products List”
- ▲ Database won the ‘2023 World Computing Congress Special Exhibition Outstanding Achievement’ Award”
- ▲ Liangjiang Collaborative Innovation Zone Smart Park (Phase II) won the first prize of the Second “Dingxin Cup” Digital Transformation and Application Competition
- ▲ “5G + Smart Thermal Power Digital Transformation Practice” won the second prize of the Second “Dingxin Cup” Digital Transformation and Application Competition
- ▲ “Digital Transformation of Metaverse Business Hall Based on Digital Native”, “Digital Transformation Case of ecloud Customer Service Management System” and “Intelligent High-speed Data Convergence Platform Solutions Based on Database” won the third prize on three tracks, namely “Digital Native New Entity”, “Business Integration and Innovation”, and “Information Technology Application and Innovation”.
- ▲ Shanghai Big Data Asset Platform was selected as the first among the “Five Best Application Cases of Big Data Intelligence in 2023”
- ▲ AsialInfo and Tianjin Mobile won the “Most Innovative Application of AI & Automation” of FutureNet Asia 2023
- ▲ Collaboration with Tsinghua University on “Computing Power Endogenous Network” won the First Prize for 2023 Sci-Tech Progress” Issued by the Chinese Association of Automation
- ▲ The Blockchain Team Wins Second Prize in Track One (Original Vulnerability Demonstration and Reproduction Competition) and Third Prize in Track Three (Blockchain Security Solution Capture the Flag Competition)
- ▲ Two products, AsialInfo edge intelligence and 5G private network base station won the 2023 FRENCH DESIGN AWARD GOLD AWARD and French Design Award respectively
- ▲ The AISWare PaaS Platform Project won the Third Prize in Scientific and Technological Advancements from the China Institute of Communications
- ▲ Selected as a Benchmark and Excellent Case in Two Database Projects
- ▲ AISWare PEC Edge, a privacy computing all-in-one machine won the “2023 Golden Purple Bamboo Award for Excellent Product Technical Solution”
- ▲ 700MHz Band Wind Power 5G Private Network Project with Full Core Networks Sunk into Local Areas was selected as Golden Purple Bamboo Award “Top 10 Benchmark Cases of 5G + Lighthouse Applications”
- ▲ Database won the ‘2023 Outstanding Contribution Award’ from the Innovation and Creativity Committee”

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORT

### Responsible products

AsialInfo Technologies strictly complies with the relevant laws and regulations, including the Product Quality Law of the People's Republic of China (《中華人民共和國產品質量法》), Advertising Law of the People's Republic of China (《中華人民共和國廣告法》), Network Security Law of the People's Republic of China (《中華人民共和國網絡安全法》) and Data Security Law of the People's Republic of China. Internally, AsialInfo Technologies has formulated stringent internal evaluation systems and established a comprehensive quality management system and developed the R&D Project Performance Evaluation Plan (《研發項目績效考核方案》) to ensure the quality of R&D products and processes meets requirements. No major violations of relevant laws and regulations that affect its business operations occurred during the Reporting Period.

AsialInfo Technologies (China) and AsialInfo Technologies (Nanjing) Co., Ltd. have completed ISO 9001 quality management system certification, and the subsidiary of the Group, namely iResearch has also completed ISO 9001 quality management system certification, effectively ensuring quality management. At the same time, AsialInfo Technologies (China) has also obtained ISO 20000 IT service management system certification, ISO 14001 environmental management system certification, ITSS Information Technology Service Operation and Maintenance Standard Conformity Certificate (Level 2), ITSS Information Technology Service Data Center Service Capability Maturity Model (Level 2), CMMI-Maturity Level 5, Information security service qualification — Information system security integration service qualification (Level 2) (CCRC), Information security service qualification — Software security development service qualification (Level 2) (CCRC), Excellent Level of Cloud Management Service Capability Assessment Certificate", Information system construction and service capability level certificate (CS4), DCMM Data Management Capability Maturity (Party B) Robust Level (Level 3) and other series of professional and technical field service qualification certificates. These certificates fully guarantee the reliable quality of the products and services provided by the Group. During the Reporting Period, the Group was not involved in product recycling issues due to the nature of the business. The Group has not received any complaints in relation to the Group's products or services.

### Information Security Management

As a provider of software products and services, AsialInfo Technologies always puts information security at the core of enterprise operations. Information security involves protecting customer data externally, as well as protecting data within the enterprise. AsialInfo Technologies recognises that information security is a crucial component for the sustainable development of enterprises. Therefore, we have established a dedicated information security management system and formulated various regulations. In addition to applying our own research and innovative products and continuously improving the technical capabilities of the IT department, we also strengthen awareness training on information security for all employees.

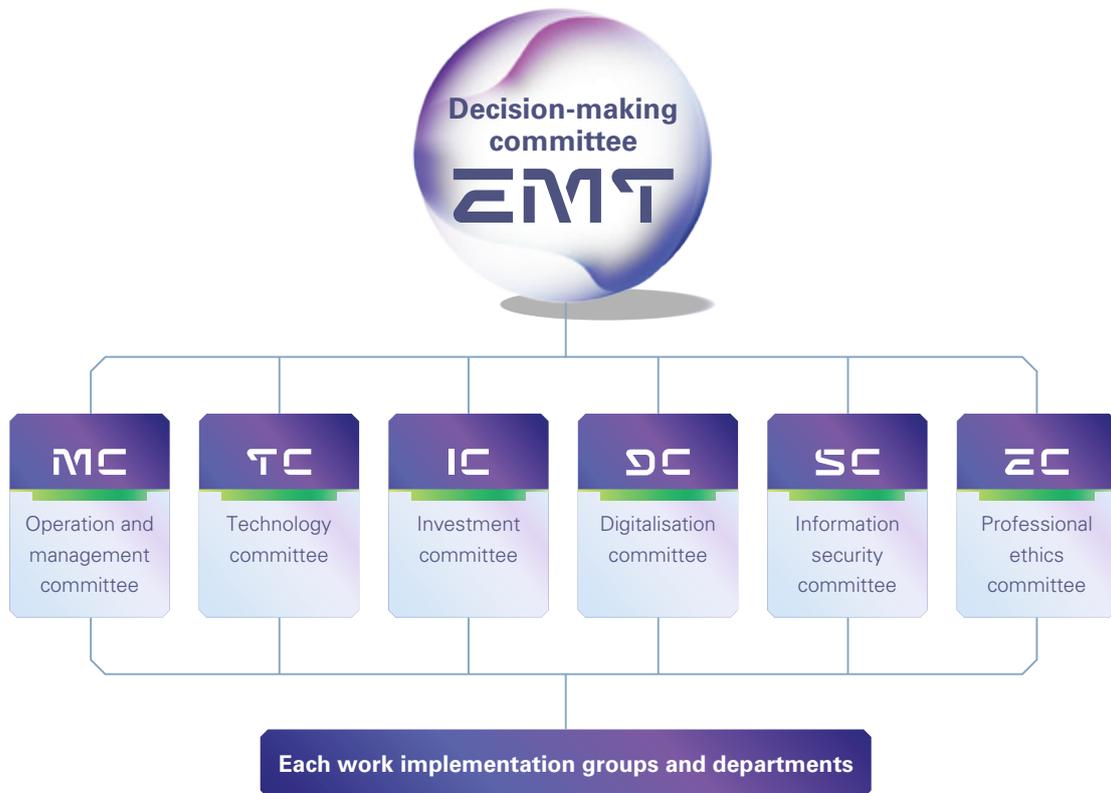
The Group has strictly complied with the relevant laws and regulations, including Network Security Law of the People's Republic of China (《中華人民共和國網絡安全法》), Data Security Law of the People's Republic of China, Personal Information Protection Law of the People's Republic of China (《中華人民共和國個人信息保護法》), Provisions on the Administration of Mobile Internet Applications Information Services (《移動互聯網應用程序信息服務管理規定》), ensuring comprehensive compliance across all company operations. To achieve this, AsialInfo Technologies has developed the "AsialInfo Technologies Customer Data Security Management Measures" (《亞信科技客戶數據安全管理辦法》) and the "AsialInfo Technologies Information Security Production Management System" (《亞信科技信息安全生產管理制度》), aimed at providing rigorous protection for customer data. At the same time, the introduction of AsialInfo Technologies Staff Information Security Manual (《亞信科技員工信息安全手冊》) and "AsialInfo Technologies Major Information Security Incident Handling Procedure" (《亞信科技重大信息安全事件處置流程》) further clarify the responsibilities and response measures of employees in information security, ensuring swift and effective handling of major information security incidents.

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORT

It is worth mentioning that in 2022, AsialInfo Technologies released a series of management systems including the AsialInfo Technologies Information Security Red Line (《亞信科技信息安全紅線》) and AsialInfo Technologies Backend System — Super Project Documentation and Code Administration Measures (《亞信科技後台系統即超越計劃文檔及代碼管理辦法》), complementing these are the newly added “AsialInfo Technologies Information Security Production Management System” (《亞信科技信息安全生產管理制度》) and the “Major Information Security Incident Handling Procedure of AsialInfo Technologies,” (《亞信科技重大信息安全事件處置流程》) introduced this year. The implementation of these regulations further enhances the institutional safeguards for information security within AsialInfo Technologies, providing even stronger protection for the privacy and security of customer data.

### Information security management organisational structure

AsialInfo Technologies has established an organisational structure with the Company’s decision-making committee as the highest decision-making body, and an information security committee under which the core members are members of the information security department. The committee is structured into both higher and lower tiers. At the upper level, it comprises senior leaders of the company along with heads of key departments, ensuring alignment of the information security strategy with the company’s overarching goals. Meanwhile, the lower-level implementation team consists of representatives from diverse business units and functional departments, tasked with executing and implementing information security measures at a more granular level.



## ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORT

In 2023, AsialInfo not only improved the information security organisational structure, but also strengthened the information security system. We have released two new important systems, namely the “AsialInfo Information Security Production Management System” and the “AsialInfo Major Information Security Incident Disposal Process”, which provide clearer guidance and operational specifications for the Company’s information security work. At the same time, we also revised four systems, including AsialInfo Technologies Information Security Reward and Penalty Management System (《亞信科技信息安全獎懲管理制度》), “AsialInfo Technologies IT Asset Management System” (《亞信科技IT資產管理制度》), AsialInfo Technologies Office Terminal Usage Management System (《亞信科技辦公終端使用管理制度》) and “AsialInfo Anti-Virus Management System” (《亞信科技防病毒管理制度》) to ensure the timeliness and adaptability of the information security management system.

### ISO 270001 Certification System

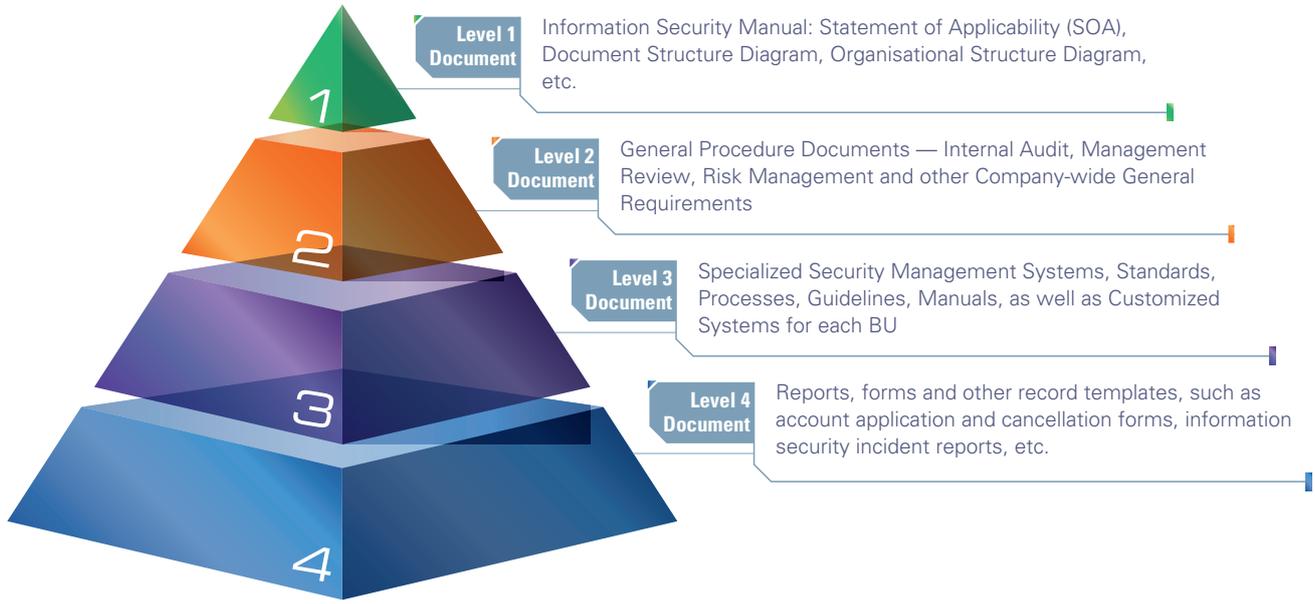
AsialInfo Technologies’s information security efforts have not only garnered recognition from clients and stakeholders but have also successfully passed various core certifications, including privacy security, cloud security, and network security. The competence and proficiency in our work are widely acknowledged. These certifications not only affirm AsialInfo’s professional capabilities in the field of information security, but also recognise its unremitting pursuit of technological innovation and excellent quality.

Since 2015, AsialInfo Technologies has successfully passed third-party certification audits every year on the basis of fully implementing the ISO 27001 information security management system. This system covers 100% of all subsidiaries and affiliated platforms of the group, providing solid institutional safeguards for the continuous and stable development of AsialInfo Technologies in the field of network security.

The Group has integrated the ISO 27001 standard with its own business practicalities to establish a four-tier information security management system structure.



## ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORT



The information security management manual is a first-level system document that coordinates the management of all security system documents and guides and instructs all information security management work;



## ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORT

### Information Security Education and Training

AsialInfo Technologies attaches great importance to information security education and training. The Company carefully plans and holds large-scale information security training activities every year to deepen employees' understanding of the importance of information security. In 2023, AsialInfo Technologies carried out publicity via email on 11 occasions, information tribe pop-up window on 19 occasions, significantly improved employees' information security awareness. In addition, the Company also organised full-staff network defense security training and examination on 1 occasion, full-staff annual information security training and examination on 1 occasion, to ensure that every employee has access to comprehensive and systematic information security knowledge and skills training. New employees must also undergo rigorous information security training upon joining, ensuring that they develop good information security habits from the outset. These measures not only effectively enhance employees' awareness and skill levels in information security but also lay a solid foundation for the company's information security efforts.

As a leading IT company in China, AsialInfo is equally strict in its management of software genuineness. The Company always maintains strict monitoring of employees' illegal use of software and resolutely maintains the genuineness of the Company's software authentication. In the past year, the Company successfully avoided major security incidents and properly handled 45 general information security incidents, effectively ensuring the Company's information security. AsialInfo Technologies is committed to maintaining a safe and stable information environment to ensure the smooth operation of the Company's business.

### Customer Privacy Data Security

The Group attaches great importance to data and privacy security and has a complete institutional system to support and protect information security. In 2023, we further strengthened our efforts in information privacy and security. Through upgrades and enhancements to our IT systems, we successfully implemented watermarking and operational log security features for 12 core OA systems. To ensure the security of the system, we have conducted strict vulnerability management, including a total of 9 penetration tests and vulnerability scans before protecting the network, 4 quarterly vulnerability scans for application systems, and 4 quarterly vulnerability scans for hosts. Additionally, we issued 89 warnings for high-risk vulnerabilities, finalized the development and deployment of the risk management platform, and introduced penetration testing services. To further strengthen protection, we replaced our antivirus software and deployed perimeter network security appliances, network awareness appliances, honeypots, application firewalls, mailbox guard appliances, and zero-trust workspace systems.

AsialInfo Technologies prioritizes the protection of customer privacy data, considering customers as its foremost service targets. This protection process encompasses all business lines and subsidiaries of AsialInfo Technologies to ensure systematic and consistent information security management. AsialInfo Technologies will continue to optimize this process to ensure the security and privacy of customer data and provide customers with a better and safer service experience.

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORT

During the Reporting Period, the Group effectively protected customer data and privacy security through regular security inspections and other methods:

On-site inspection of customer projects	Signing of Virtual Private Network, VPN confidentiality agreement	Signing of internal information security confidentiality agreement	Signing of IT Information Security Confidentiality Agreement	Signing of special security commitment letter for network protection by all staff	Commercial leakage risk scanning and code analysis and processing
<b>23</b>	<b>21</b>	<b>86</b>	<b>25</b>	<b>1</b>	<b>12</b> issues

### Responsible Supply Chain Management

Responsible supply chain management can ensure the sustainability of the supply chain, thereby assisting the sustainable development of enterprises, and is a key factor in the long-term operation of enterprises. The Group strictly complies with the Bidding Law of the People's Republic of China (《中華人民共和國招標投標法》), Regulation on the Implementation of the Bidding Law of the People's Republic of China (《中華人民共和國招標投標法實施條例》), Measures for the Administration of Government Procurement by Non-Bid Procurement Methods (《政府採購非招標採購方式管理辦法》) and other laws and regulations, and has formulated the AsialInfo Technologies Supplier Management Norms (《亞信科技供應商管理規範》) and AsialInfo Technologies Procurement Management — Supplier Management Process (《亞信科技採購管理 — 供應商管理流程》) and Supplier Selection (Procurement) Process (《供應商選擇(採購)流程》) as internal systems for supplier access and audit, information maintenance, selection and use, regular and irregular evaluation and monitoring works.

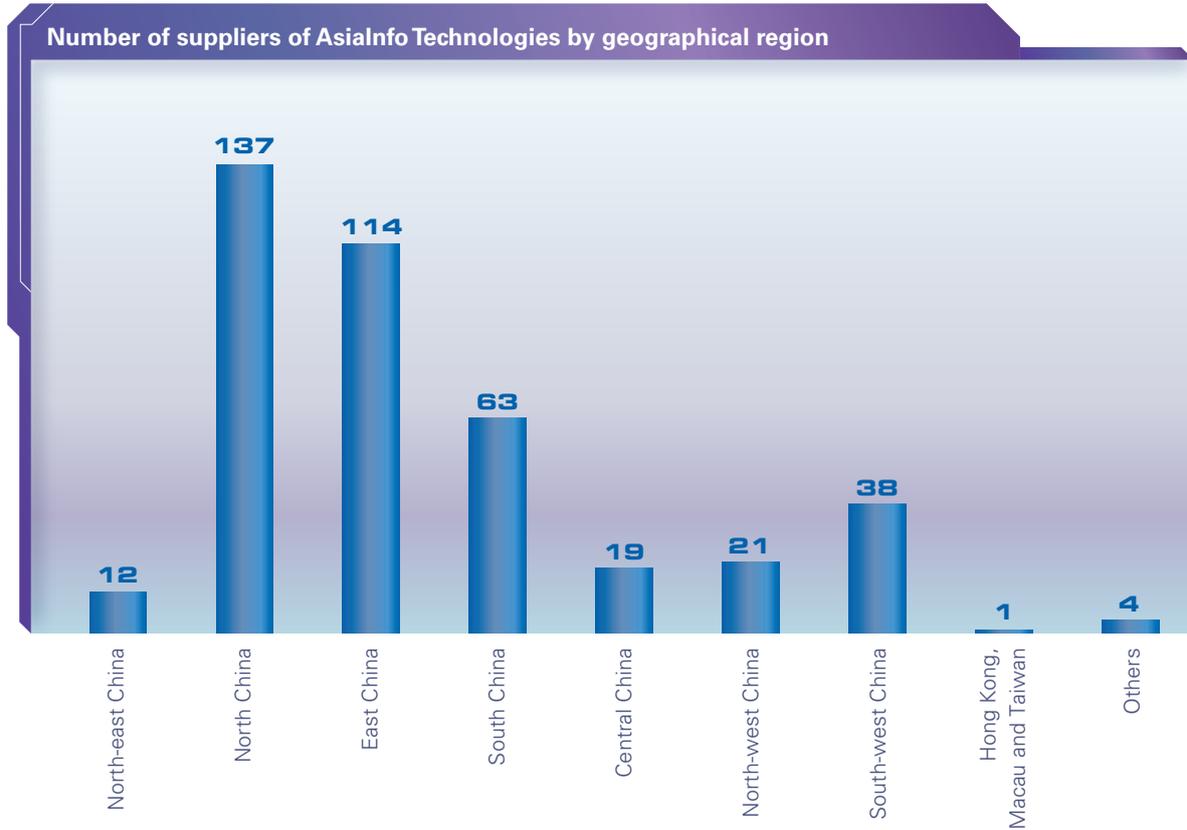
In order to prevent the environmental and social risks in the supply chain and create a fair and clean cooperation environment with suppliers, during the procedures of selection and evaluation, the Group requires suppliers to enter into commitment documents such as the Letter of Undertaking on Environmental and Occupational Health and Safety Management (《環境和職業健康安全管理承諾書》), the Letter of Undertaking on Integrity (《廉潔承諾函》) and to provide the Notice of Stakeholders (《相關方告知書》), setting out requirements on environmental protection, occupational health, employment, integrity and compliance.

During the Reporting Period, the Group employed a total of 409 suppliers (including project procurement and technical outsourcing). All suppliers were under stringent selection in accordance with the Supplier Selection (Procurement) Process (《供應商選擇(採購)流程》).

Type of Risk	Environmental risk Precautionary Measures
<b>Environmental risk</b>	<ul style="list-style-type: none"> <li>Reviewing whether suppliers pass the certification for ISO 14001 environmental management systems, giving priority to suppliers with this qualification</li> <li>Setting out clauses on environmental protection in the text of contracts, supervising suppliers to pay attention to environmental protection and low-carbon production and encouraging suppliers to give priority to pollution-free production technology, facilities and equipment</li> <li>Terminating cooperation with suppliers whose pollutant discharge and waste disposal fail to meet standards or regulation</li> </ul>
<b>Social risk</b>	<ul style="list-style-type: none"> <li>Reviewing whether suppliers possess the certification OHSAS 18001 or ISO 45001 occupational health and safety management systems, giving priority to suppliers with this qualification</li> <li>Requiring suppliers to be fully responsible for personal injuries, equipment damages, property losses and other safety accidents in the operation/construction process</li> <li>Requiring suppliers to appoint site safety responsible person at the construction site to identify risk and implement safety operation plan only after obtaining the approval from relevant department</li> <li>Requiring suppliers to ensure the legality of employment and comply with employment-related laws and regulations in which the Group operates</li> </ul>
<b>Fair procurement</b>	<ul style="list-style-type: none"> <li>Requiring suppliers and contractors to enter into the Letter of Undertaking on Integrity and the Letter of Undertaking on Compliance and commit to adopt effective internal measures to intensify education on laws, disciplines and business ethics, resolutely oppose and reject commercial bribes and meet requirements on compliance management, otherwise they will be refused to cooperate with</li> </ul>

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORT

The number of suppliers of AsialInfo Technologies by geographical region during the year is as follows:



### 5

## PRACTICING LOW-CARBON AND LEADING WITH GREEN

“Green mountains and clear waters are as valuable as gold and silver,” emphasizing that sustainable development relies on environmental and nature conservation. AsialInfo Technologies firmly supports the national “3060 carbon peak and carbon neutrality” policy and the initiative to build a “Beautiful China”. As a green and low-carbon practitioner, the Group has officially released a green goal for carbon emission reduction: striving to achieve comprehensive carbon neutrality by 2028. Guided by the carbon neutrality goal, AsialInfo fully identifies climate risks, responds to climate change, and practices clean energy use from its own operational perspective. While engaging in green operations, AsialInfo leverages its advantages in software research and innovative technology to develop two core products: a 5G private network and an integrated energy smart control platform. These initiatives aim to facilitate low-carbon development and green transformation in society.

## Responding to Climate Change

AsialInfo Technologies actively responds to the target of 1.5°C set out in the Paris Agreement and the “Dual Carbon Goal” of the PRC, and carries out climate change-related work.

### Climate Risk Governance

AsialInfo Technologies attaches great importance to climate change-related works. As a provider of software product and services, it always maintained the “issue on responding to climate change” as an issue with high materiality, and constantly improved the identification and management of climate change-related risks in the risk matrix.

The highest responsible body for the Group’s climate risk work is the Board, and specific work is implemented by the ESG working group. The ESG working group regularly conducts research on climate-related topics, discusses risk identification and management, and reports regularly to the Board. The Board provides strategic guidance based on understanding climate risk management. In addition, in order to ensure the effectiveness of climate risk management and governance, the Group’s ESG working group will also oversee the implementation of climate risk response-related work.

### Climate Strategy

AsialInfo Technologies firmly believes that while climate change brings risks, it also presents potential opportunities. AsialInfo Technologies is steadily promoting low-carbon development by taking effective measures based on fully identifying risks. Utilizing scientific research and innovation, the Group’s Energy Business Division has consistently crafted fresh products and services to aid client companies in their transition towards low-carbon practices. These offerings have been effectively implemented, paving the way for new market prospects and additional revenue streams for the Group. Therefore, AsialInfo will unhesitatingly adhere to the climate strategy in the future, continue to explore new ideas, identify risks and opportunities, and provide green and intelligent services and solutions for itself and its partners.

### Identifying and Responding to Climate Change Risk

During 2023, the Group proactively identified and analyzed various physical and transformation risks related to climate change based on the Task Force on Climate-related Financial Disclosures (TCFD), and assessed their financial impacts. We also formulated climate risk management methods and response measures in a timely manner.

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORT

### Climate change risk identification and response

Type of Risk	Specific Risk	Description of Risk	Countermeasures
 <b>Physical risk</b>	<b>Acute risk</b>	Extreme weather conditions, such as hurricanes and rainstorms, may interrupt the daily operations of data centres or companies, affecting the continuity of operation	<p>Formulate evacuation plans for emergencies;</p> <p>Organise evacuation drills for flood control purposes regularly;</p> <p>Develop a remote office platform to ensure the normal and orderly operation of the company</p>
	<b>Chronic risk</b>	Chronic risks such as heat, drought, and rising sea levels may increase the total energy consumption and costs of a company's office building or data centre, resulting in higher overall operating costs	Deploy security personnel in each project to inform the corresponding security measures and actively communicate about the situation
 <b>Transformation risk</b>	<b>Policy and legal risk</b>	With the increasing materiality of addressing climate change, the government and listing regulators will introduce more stringent requirements on disclosure of environmental information and supervision for enterprises, which may increase the compliance risks faced by enterprises	<p>Constantly strengthen the search for and interpretation of various regulatory policies to ensure that our operations fully meet regulatory requirements;</p> <p>Actively explore low-carbon operation models and reduce our own GHG emissions by improving the efficiency of energy and increasing the proportion of clean energy</p>

Type of Risk	Specific Risk	Description of Risk	Countermeasures
	<b>Technical risk</b>	Driven by the “Dual Carbon” policy, the demand for low-carbon technologies will gradually increase. Failure to master core green technologies or failure in investing in green technologies may lead to the setback of the core competitiveness of enterprises	Strengthen the research and development and personnel training of products related to low-carbon technologies, and actively carry out various energy conservation and emission reduction practices with its own low-carbon technologies
	<b>Market risk</b>	As customers are concerned about the low-carbon properties of products, if green and low-carbon technologies and services are not provided in a timely manner, the market share may decline, thus affecting the operating income	Actively carry out research on products and technologies related to low-carbon;  Introduce the enterprise’s low-carbon concept to customers’ products and technologies
	<b>Reputational risk</b>	If an enterprise fails to disclose the progress of its goals or key measures to the public in a timely manner after releasing the “Dual Carbon” objective or sustainable development strategy, investors and the public may cast doubts, which will further affect the reputation of the enterprise	In addition to releasing green targets for emission reduction, AsialInfo Technologies actively carries out various emission reduction practices and discloses them to the public in a timely manner

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORT

### Climate change goals and actions

In 2023, AsialInfo Technologies has already carried out green carbon reduction work and steadily worked towards the goal of carbon neutrality. Specific actions include installing a comprehensive energy smart management and control system in the AsialInfo Building and using distributed photovoltaic generation.

#### DISTRIBUTED PHOTOVOLTAIC GENERATION TO UTILIZE CLEAN ENERGY

The Group installed photovoltaic panels on the top floor of AsialInfo Plaza in Beijing and connected to the power supply system of the plaza after inversion and confluent, and are eventually used in the data centre room, air conditioning and lighting system of the office area and other power-consuming equipment of the plaza. During the Reporting Period, AsialInfo's distributed photovoltaics generated a total of 152,000 kilowatt-hours of electricity, representing an increase of 39.6% from 2022, reducing greenhouse gas emissions by 86.7 tons, significantly improving the effectiveness of clean energy use.



Photovoltaic facilities on the top floor of AsialInfo Technologies Plaza

#### BUILDING A COMPREHENSIVE ENERGY SMART MANAGEMENT AND CONTROL PLATFORM

The Group built a comprehensive energy smart management and control platform in AsialInfo Technologies Plaza in Beijing. The system monitors the building's energy consumption and resource consumption at any time, analyzes and predicts the load in real time, and adjusts unit usage to reduce labor costs and manage energy consumption in a refined manner to achieve energy conservation and emission reduction.



Comprehensive energy smart management and control platform of AsialInfo Technologies Plaza

### GHG Emissions

During the Reporting Period, the greenhouse gas (GHG) emissions of AsialInfo Technologies's major subsidiaries are as follows:

GHG emissions (scope 1 and scope 2)	Unit	2023
Vehicle emissions and natural gas emissions (scope 1)	Tonnes of carbon dioxide equivalent	<b>474.27</b>
Electricity emissions (scope 2)	Tonnes of carbon dioxide	<b>5,580.93</b>
Total GHG emissions	Tonnes of carbon dioxide equivalent	<b>6,055.2</b>
Total GHG emission density	Tonnes of carbon dioxide equivalent/revenue of RMB10,000	<b>7.67</b>

### Use of Clean Energy

AsialInfo Technologies actively engages in energy conservation, efficient resource utilisation, and emission reduction efforts to enhance energy and resource efficiency. The Group strictly abides by the "Energy Conservation Law of the People's Republic of China" and other laws and regulations and formulates the "AsialInfo Technologies Environmental Protection Management System". Through the comprehensive energy smart management platform, the Group establishes the energy management ledger to carry out meticulous management of energy. Through the statistical data on energy utilisation, the Group ensures the efficient utilisation of energy, water resources, paper, and other resources.

#### Energy, resource management and usage

As a supplier of software products and services, AsialInfo Technologies is used in work parks and buildings. The energy used by the Group includes three types: purchased electricity, gasoline (mobile source), and natural gas, of which purchased electricity is the Group's main energy consumption and is not involved in using other energy.

In terms of water resources, the Group consumes running water from the municipal pipe network and is not involved in obtaining suitable water sources. Due to the nature of the business, AsialInfo Technologies does not involve industrial water consumption or other large-scale use of water resources.

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORT

For the consumption of major resources by the Group during the Reporting Period, please refer to the table below:

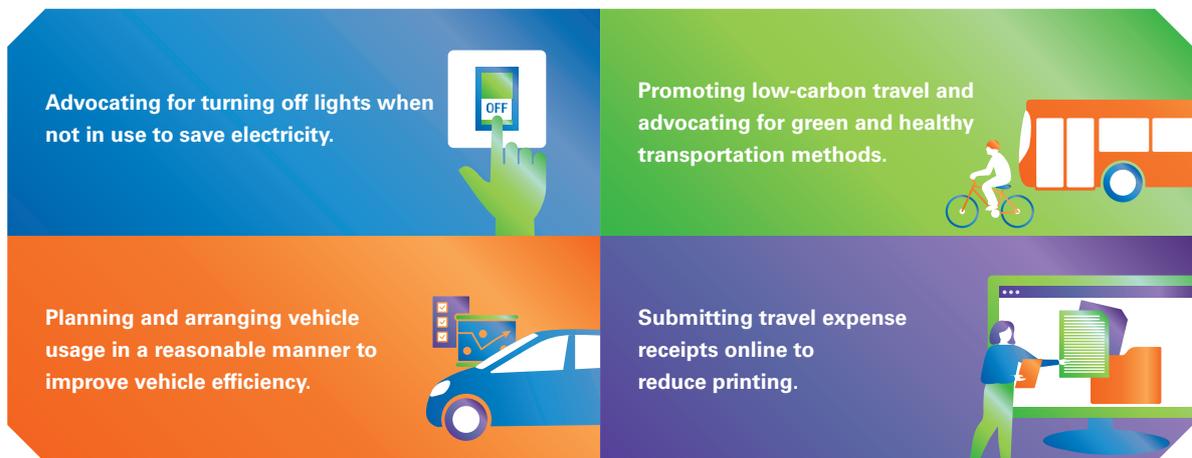
Resource consumption <sup>2</sup>	Unit	2023
<b>Total water consumption</b>	tonne	<b>49,820</b>
<b>Total water consumption intensity</b>	tonne/revenue of RMB10,000	<b>0.0631</b>
<b>Paper consumption</b>	kg	<b>7,078</b>
<b>Paper consumption intensity</b>	kg/revenue of RMB10,000	<b>0.0090</b>

For the consumption of major energy by the Group during the Reporting Period, please refer to the table below:

Energy consumption	Unit	2023	
<b>Indirect Energy</b>	Total electricity consumption	'000 kWh	<b>9,786</b>
	Electricity consumption intensity	kWh/revenue of RMB10,000	<b>12.40</b>
<b>Direct Energy</b>	Total fuel consumption (vehicle)	L	<b>23,218</b>
	Total natural gas consumption	m <sup>3</sup>	<b>194,599</b>
	Total direct energy consumption	'000 kWh	<b>2,320</b>
	Direct energy consumption intensity	kWh/revenue of RMB10,000	<b>2.94</b>

### Low-carbon office initiative, Green actions for all employees

AsialInfo actively promotes employees to participate in green and low-carbon actions, low-carbon office and low-carbon travel, advocates green and low-carbon work concepts, and transforms everyone's lifestyle, advocates green and low-carbon work concepts to transform everyone's lifestyle, and promotes and reduces the use of energy and resources in the office through online bill signing and reimbursement, paperless office, office area promotion and other actions:



<sup>2</sup> Data on resources use only covers AsialInfo Technologies (China), Inc., AsialInfo Technologies (Nanjing), Inc., Guangzhou AsialInfo Technologies, Inc. and Hunan AsialInfo Software Co., Ltd., all of which are major operating subsidiaries of the Group.

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORT

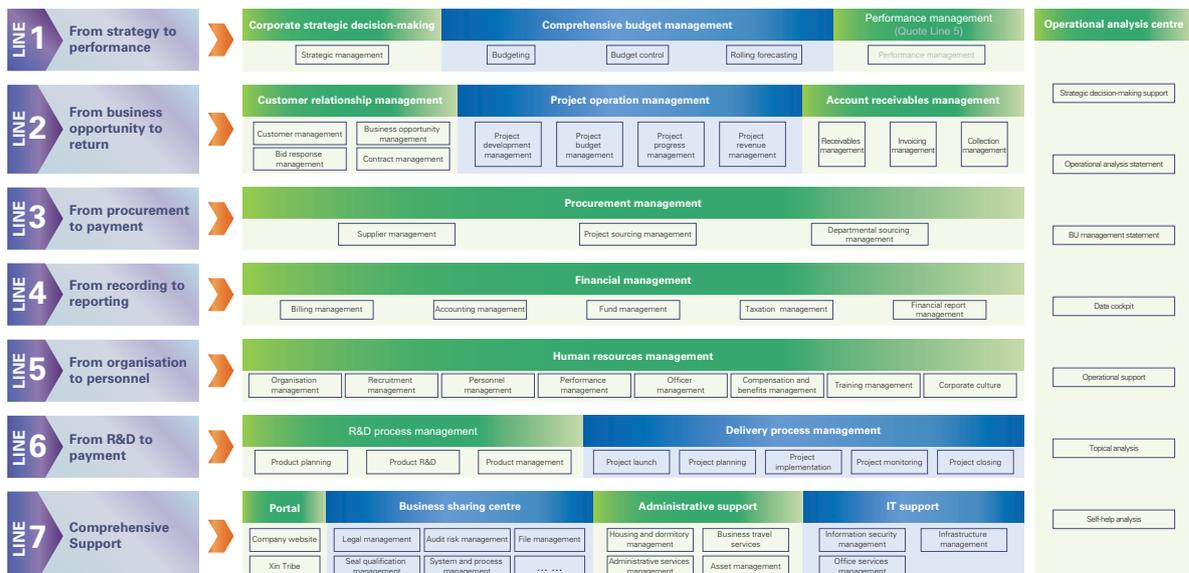
### Super Project

The economic benefits of a company stem from management efficiency, which should be closely aligned with the actual circumstances of the enterprise. All considerations should be based on practical realities. Based on this concept, AsialInfo Technologies proposed the “Super Project” with the goal of reducing costs and increasing efficiency. Leveraging the Company’s self-developed management system, equipped with its own organisational structure, personnel composition, business processes, control matters, and management characteristics, we create and improve a set of refined digital management solutions that are 100% suitable for AsialInfo Technologies. The system involves seven major lines:



This system encompasses all departments, including procurement, finance, human resources, research and development, projects, administration, and IT, in the daily operations of the group. It ultimately contributes to economic analysis, manages various affairs from an economic benefits perspective, and digitizes business processes to achieve online management. This embodies AsialInfo’s pragmatic and efficient management style.

Leveraging AsialInfo’s own digital intelligence technology advantages, the system successfully achieved a paperless office by the end of 2023, saving approximately 620,000 electronic invoices and 160,000 reimbursement forms, with annual cost savings of approximately RMB300,000.



## ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORT

### Highlights

In 2023, the 5G private network product and comprehensive energy smart management and control platform created by AsialInfo have been recognised by the market, both annual order and revenue exceed RMB200 million.

AsialInfo further developed a distributed photovoltaic shared operation and maintenance platform, that is “Xihe Xingyuan”, which based on the concept of real-time simulation and interaction at the distributed photovoltaic power station level, equipment level, and string level, focused on scenarios, values, and operation and maintenance, to create a distributed photovoltaic visualisation digital intelligent operation and maintenance platform and help customers quickly achieve the goals of precise photovoltaic management and efficient operation and maintenance.

The park’s comprehensive energy platform is based on customer scenarios and carries out monitoring and analysis around the actual energy equipment in the scenario, as well as intelligent prediction and planning and dispatch. In the future, we will expand a series of climate change-related functions such as carbon emission accounting and carbon emission analysis to provide customers with better green transformation services.

In 2023, AsialInfo has successfully completed its tough battle and realised the construction of wind farm with full coverage of 5G private network in 700MHz band.



## 2023 HIGHLIGHTS

### CGN Chongqing

The integrated energy management system in the park achieves unified data collection and energy analysis, including analysis of time-of-use electricity prices, user vehicle usage predictions, pipeline loss analysis, etc. This system enables comprehensive data analysis and management, forming intelligent scheduling control, AI strategy push, ensuring efficient system operation, and increasing management efficiency by around 15%.

### Collaborating with Jingneng Technology, AsialInfo Technologies participates in the Carbon Neutral Association’s Dual Carbon Building initiative

The dual-carbon building comprehensive energy management platform enables monitoring and analysis of building energy consumption, ground source heat pump systems, and light storage, direct and flexible systems. Through unified standard data collection, unified intelligent control, energy monitoring and control, intelligent dispatching control, carbon analysis and early warning planning and other technical means, intelligent monitoring, dispatching and automated control can be realised to improve energy management efficiency, reduce energy consumption, save energy and reduce carbon emissions.



ENVIRONMENTAL, SOCIAL AND  
GOVERNANCE (ESG) REPORT**Zero-carbon service areas of Hainan Province  
Communications Investment Holding Co., Ltd.**

The zero-carbon service areas smart energy management platform supports the monitoring of energy consumption in the service area, analysing the monitoring of equipment such as photovoltaic systems, charging piles, lighting, and air conditioning. It achieves intelligent scheduling and control based on energy usage and equipment operation. By utilising carbon calculation warnings and establishing a carbon analysis strategy management model, annual energy consumption is reduced by approximately 10%, resulting in a yearly CO<sub>2</sub> emissions reduction of about 650 tons. Green electricity is fully utilized, thus achieving the goal of “zero carbon.”

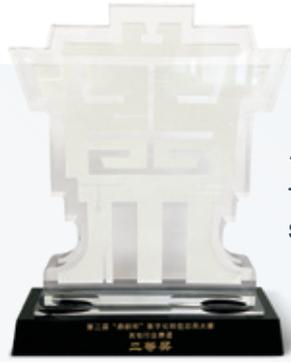
**Join hands with China Broadcast Network to help  
Guangdong Guangning Guangbei Wind Farm**

To provide 5G wireless communication system for Guangning Guangbei Wind Farm and provide 24-hour uninterrupted communication, data transmission and other business bearings. By adopting 5G power private network core network self-developed by AsialInfo, realizing the digitalisation and intelligence of field production and operation management. AsialInfo takes the lead in trying to match the 5G private network of wind power with edge data acquisition, operation and inspection process control, operation safety management and remote diagnosis and troubleshooting to ensure healthy operation of equipment.

**Distributed photovoltaic shared operation and  
maintenance platform “Xihe Xingyuan”**

AsialInfo Technologies’s “Xihe Xingyuan” distributed photovoltaic shared operation and maintenance platform provides an integrated solution and service for distributed photovoltaic systems (commercial + residential) by offering edge data collection and AI intelligent operation and maintenance. This platform helps distributed customers achieve precise management and efficient operation and maintenance of photovoltaic systems quickly.



ENVIRONMENTAL, SOCIAL AND  
GOVERNANCE (ESG) REPORT2023  
AWARDS

**“5G + Smart Thermal Power Digital Transformation Practice” Won the Second Prize**

**The Best Service Product Award of “Wind Power Leader” in 2023 (the third session)**



**Benchmark Demonstration Cases of Technological Innovation in the 5G Industry Application Sector for the Year 2023, Guangdong Province**

AsialInfo Technologies insists on scientific and technological cooperation with research institutes, platform institutions, government think tanks, and other academic organisations within the industry. It continuously publishes white papers for various industries every year to explore guidance and sustainable paths for technology's future development across various sectors. This is achieved by combining industry insiders' theories and practices with insights from experts and peers, paving the way for the sustainable development of enterprises in various industries.

ENVIRONMENTAL, SOCIAL AND  
GOVERNANCE (ESG) REPORT

## CASE:

### “White Paper on Green and Digital Intelligence Development in the Energy Industry” jointly written by AsialInfo and the China Academy of Information and Communications Technology

In 2023, the White Paper on Green and Digital Intelligence Development in the Energy Industry (hereinafter referred to as the “White Paper”) was released, which was jointly written by AsialInfo and experts from the Industry and Planning Research Institute of the China Academy of Information and Communications Technology. Based on the domestic carbon peaking and carbon neutrality goals and the vigorous development of digital intelligence technologies, the White Paper has illustrated the development tendency and transformation path in the future of the energy industry from the perspectives of energy substitution, industrial value chain transformation, infrastructure synergy, and integration of intelligence and big data, with the practical achievements of enterprises like AsialInfo as its supplementary.



#### Emissions Management

The Group strictly complied with the Law of the PRC on the Prevention and Control of Atmospheric Pollution (《中華人民共和國大氣污染防治法》), Law of the PRC on the Prevention and Control of Water Pollution (《中華人民共和國水污染防治法》), Law of the PRC on the Prevention and Control of Environmental Pollution by Solid Waste (《中華人民共和國固體廢物污染環境防治法》) and Regulation on the Administration of the Recovery and Disposal of Waste Electrical and Electronic Products (《廢棄電器電子產品回收處理管理條例》) and other laws and regulations. It has formulated the Environmental Protection and Management System of AsialInfo Technologies and the Procedure on Prevention (《亞信科技環境保護管理制度》) and set out strict regulations on emissions of various pollutants to ensure that all pollutants meet the emission standards.

Due to the nature of our business, the Group is not involved in the significant influence of pollutants. Major pollutants discharged in the operation of the Group include hazardous and non-hazardous wastes in the office, air pollutants generated by using of vehicles. During the Reporting Period, the Group continued to promote the certifications of international standardized energy management systems and environmental management systems. During the Reporting Period, the Group did not violate any relevant laws and regulations that have a significant impact on the Group.

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORT

### Waste Management

AsialInfo strictly complies with the Treatment and Control of Solid Waste (《固體廢棄物防治控制程序》) formulated by the Group to regulate the management of wastes continuously. The solid wastes generated in the operation of the Group are those all generated from our daily work in the office; and do not involve large-scale waste discharge, including hazardous wastes (waste fluorescent tubes and waste toner cartridges) and non-hazardous wastes (waste batteries and office domestic wastes). For hazardous wastes, the Group engages qualified companies for centralised recycling and disposal; and for non-hazardous wastes, office domestic wastes, and waste batteries produced by the Group are recycled and disposed of by qualified third-party treatment companies.

The Group adheres to the waste classification management to improve the efficiency of resource recycling. The Group placed waste containers for classification and recycling in the office building and posted slogans for waste classification to encourage employees to classify domestic wastes, thus improving the efficiency of waste disposal. During the Reporting Period, the treatment rate of domestic wastes reached 100%.



### Wastewater Management

Due to the nature of its business, AsialInfo Technologies does not involve industrial sewage and sewage treatment. All sewage is office domestic sewage. It can effectively reduce the sewage discharge of the Group by reducing the use of water resources.

The statistics below show the information of emissions of the Group during the Reporting Period<sup>3</sup>:

Pollutant Emission	Unit	2023
<b>Air pollutant emissions<sup>4</sup></b>		
CO emission	kg	119.76
NO <sub>x</sub> emission	kg	6.03
SO <sub>x</sub> emission	kg	0.35
PM <sub>2.5</sub> emission	kg	0.72
PM <sub>10</sub> emission	kg	0.75
<b>Non-hazardous waste produced<sup>5</sup></b>		
Office domestic wastes <sup>6</sup>	tonnes	73.7
Kitchen wastes	tonnes	59.2
Waste battery	tonnes	0.029
Waste battery recycled	tonnes	0.03
Total non-hazardous waste emissions	tonnes	133
Intensity of non-hazardous waste emission	kg/revenue of RMB10,000	0.17
<b>Hazardous waste produced</b>		
Waste fluorescent tube	tonnes	2.313
Waste fluorescent tube recycled	tonnes	2.214
Waste toner cartridge	tonnes	0.062
Waste toner cartridge recycled	tonnes	0.058
Total hazardous wastes produced	tonnes	2.375
Intensity of hazardous wastes produced	kg/revenue of RMB10,000	0.003

<sup>3</sup> During the Reporting Period, the Group was not involved in packaging materials.

<sup>4</sup> Air pollutant emissions are emissions from vehicles owned by the Group, including emissions from vehicles owned and operated by the Group, and are calculated with reference to the Technical Guide for Air Pollutant Emission Inventory for Road Motor Vehicles (Trial)(《道路機動車大氣污染物排放清單編製技術指南(試行)》).

<sup>5</sup> With reference to the definition in Basel Convention, non-hazardous wastes of the Group include computers, digital communication circuits and devices, servers, printers, etc. All electronic wastes are auctioned off by the Group.

<sup>6</sup> During the year, AsialInfo Technologies continued to improve the collection process of domestic waste data. The continuous improvement of data collection indicators resulted in an increase in data this year.

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORT

### 6

## CARING FOR EMPLOYEE AND LEADING WITH WARMTH

### Create a Happy Workplace

The Group strictly complies with the relevant laws and regulations that have a significant impact on it, including the Labour Law of the PRC (《中華人民共和國勞動法》), Labour Contract Law of the PRC (《中華人民共和國勞動合同法》), Social Insurance Law of the PRC (《中華人民共和國社會保險法》), Regulations on Prohibition of Child Labour (《禁止使用童工規定》). Meanwhile, the Group formulated the AsialInfo Technologies Staff Manual (《亞信科技員工手冊》), the AsialInfo Technologies Social Recruitment Management System (《亞信科技社會招聘管理制度》) and other internal policies, and clearly stipulates the requirements related to equal employment and diversity recruitment and respect and protect the legitimate rights and interests of all employees. During the Reporting Period, the Group did not violate laws and regulations related to remuneration and dismissal, recruitment and promotion, working hours, holidays, equal opportunities, diversity, anti-discrimination and other benefits and welfare.

To prevent forced labour, the Group stringently complies with regulations of the Labour Law of the PRC and ensures that every employee can only work during normal working hours as required in the local laws and regulations and the AsialInfo Technologies Staff Manual (《亞信科技員工手冊》). In addition, in accordance with the Implementation Measures for Paid Annual Leave for Employees of Enterprises (《企業職工帶薪年休假實施辦法》), AsialInfo Technologies has formulated the AsialInfo Technologies Staff Vacation Management Regulations (《亞信科技員工假期管理規定》), which guarantees employees' entitlement to vacation on national statutory holidays, marriage leave, maternity leave (or paternity leave), bereavement leave, annual leave and sick leave and regulates employees' vacation time and the procedures for vacation applications. In addition, the Group conducts stringent third-party background investigations to verify the identity of candidates in strict accordance with the AsialInfo Technologies Background Investigation Management Norms (《亞信科技背景調查管理規範》), so as to avoid the occurrence of child labour. Since its establishment, the use of child labour and forced labour has not occurred, so the steps to eliminate relevant non-compliance are not applicable to the Group.

The Group strictly complies with the critical laws and regulations, including the Labour Law of the PRC (《中華人民共和國勞動法》), Labour Contract Law of the PRC (《中華人民共和國勞動合同法》), Social Insurance Law of the PRC (《中華人民共和國社會保險法》) and Regulations on Prohibition of Child Labour (《禁止使用童工規定》). Meanwhile, the Group formulates and implements the internal policy, including the AsialInfo Technologies Staff Manual (《亞信科技員工手冊》) and the AsialInfo Technologies Social Recruitment Management System (《亞信科技社會招聘管理制度》), which clearly stipulate the relevant requirements for equal employment and diverse recruitment to ensure that the legitimate rights and interests of all employees are fully respected and protected.



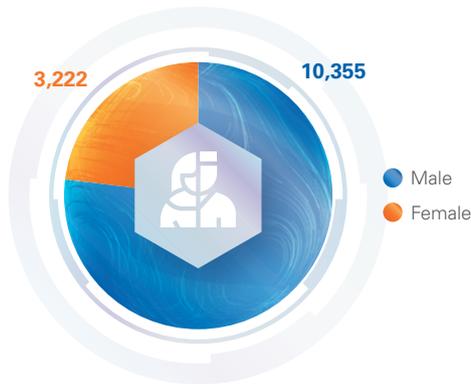
Some photos of benefit activities

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORT

During the Reporting Period, the Group always adhered to the ethical and legal red lines and did not violate any laws and regulations related to salary, dismissal, recruitment, promotion, working hours, holidays, equal opportunities, diversity, anti-discrimination and other treatment and benefits.

As of the end of the Reporting Period, the total number of full-time employees of the Group was 13,577, of which:

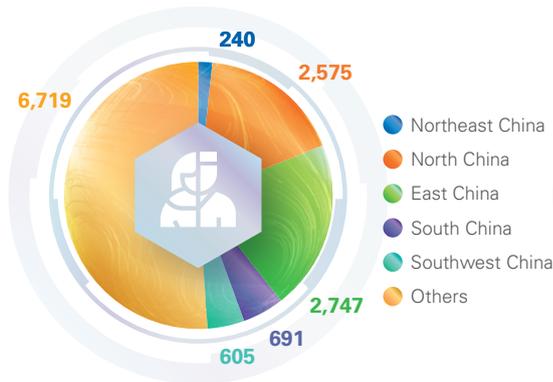
### BY GENDER OF EMPLOYEES



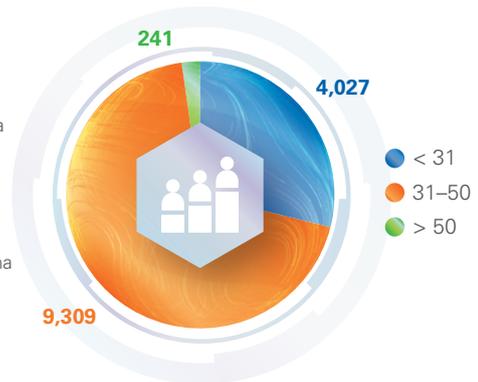
### BY EMPLOYMENT TYPE



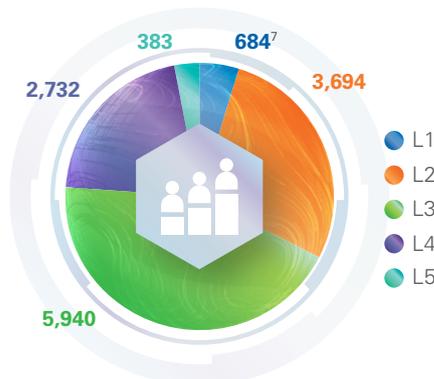
### BY GEOGRAPHICAL REGION



### BY AGE GROUP



### BY RANK



<sup>7</sup> There are 144 disabled employees among all the employees, with no rank classification

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORT

During the Reporting Period, the Group's human resources department improved the quality of its human resources business through multiple measures such as independent recruitment, optimising the "Job Map", focusing on core talents, and increasing talent training. The specific data of employee turnover in 2023 are as follows:

Category	Turnover rate <sup>8</sup>
<b>By gender</b>	
Male	12.03%
Female	11.30%
<b>By age group</b>	
< 31 years old	16.81%
31–50 years old	9.76%
> 50 years old	10.37%
<b>By geographic area</b>	
Southwest China	13.22%
South China	10.56%
East China	11.10%
Northeast China	5.83%
North China	13.79%
Others	11.67%

### Occupational health and safety

AsialInfo Group has always regarded the safety and health of employees as one of the core values of the company and has deeply integrated it into ESG practices. A safe and healthy working environment is not only the basic rights and interests of employees, but also an important cornerstone for promoting the steady and sustainable development of enterprises. The Group strictly complies with all occupational health and safety related laws and regulations, including "Law of the People's Republic of China on Work Safety", "The Fire Control Law of the People's Republic of China", "Law of the People's Republic of China on the Prevention and Treatment of Occupational Diseases" and "Measures for the Administration of Occupational Health Examination". During the Reporting Period, the Group did not violate any laws and regulations relating to the occupational health and safety.

In terms of occupational health and safety, the Group always adheres to high standards and strict requirements. It regularly reviews and updates various safety-related systems such as the "Safety Production Responsibility System" and the "Emergency Incident Handling Measures" to ensure their alignment with international best practices. We have set the goal of zero major accidents in occupational health and safety, and we are implementing a series of effective measures to promote the achievement of this goal.

<sup>8</sup> Turnover rate = Number of employee turnover in this category/Total number of employee in this category

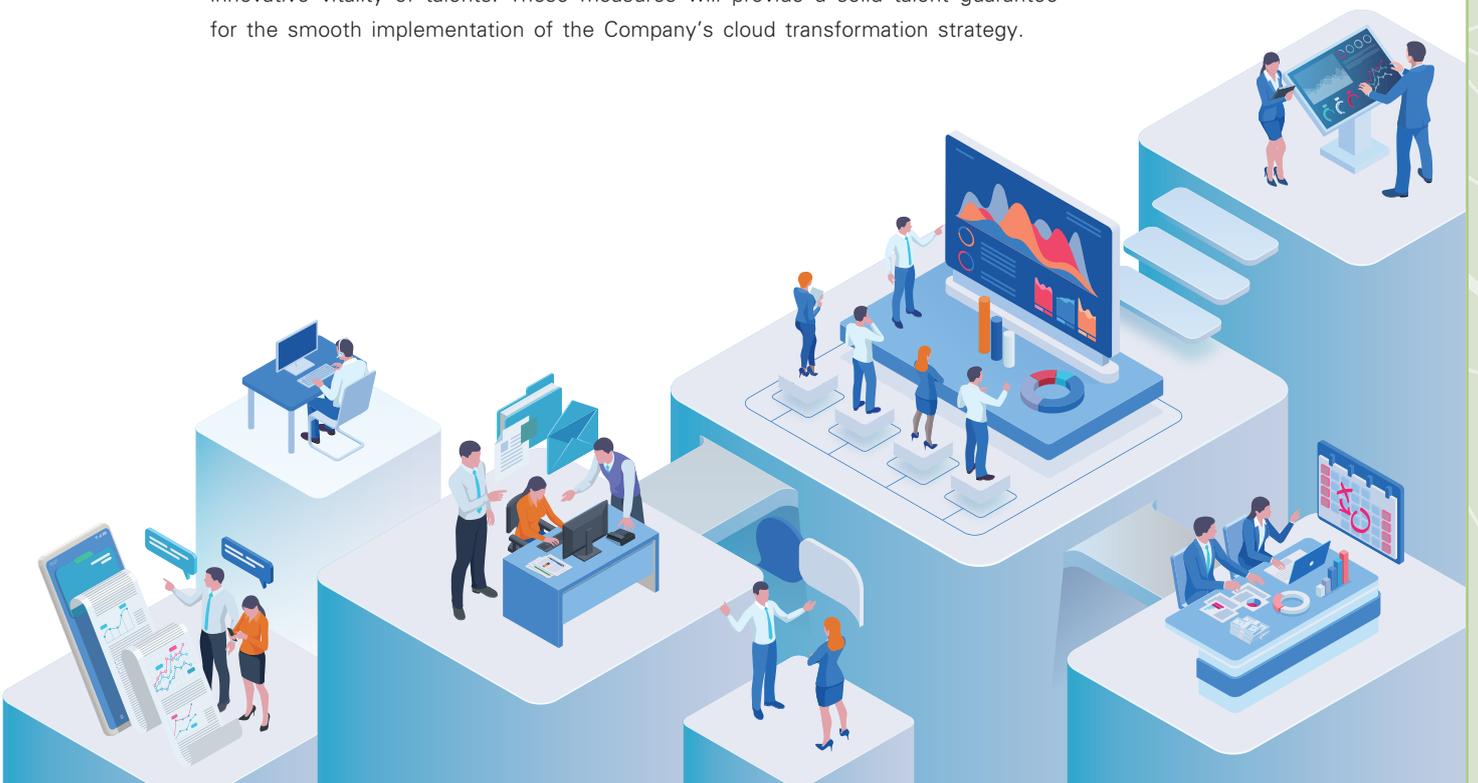
In 2023, the Group successfully obtained ISO 45001 certification for its occupational health and safety management system, marking a milestone for AsialInfo Technologies in achieving international standards in occupational health and safety management. This certification demonstrates the Group's professionalism and systematic approach in the field of occupational health and safety, providing a solid foundation for further improving occupational health and safety performance in the future.

In 2023, there were no work-related fatalities in the Group and the work-related fatality rate remained at 0% (there were no work-related fatalities in the Group in 2022). Compared with 2022, the number of lost working days due to work injuries has dropped from 250 employee/day to 108 employee/day, representing a decrease of 56.8%, which demonstrates the effectiveness and continuous improvement results of AsialInfo in occupational health and safety management.

#### Employee development and growth and communication

AsialInfo Technologies prioritizes talent development, values the personal growth of its employees, continuously enhances the company's training framework, and endeavors to offer employees opportunities for self-realisation and career advancement. This commitment effectively enhances employees' professional skills, empowering each individual to explore their potential and cultivate a fulfilling life.

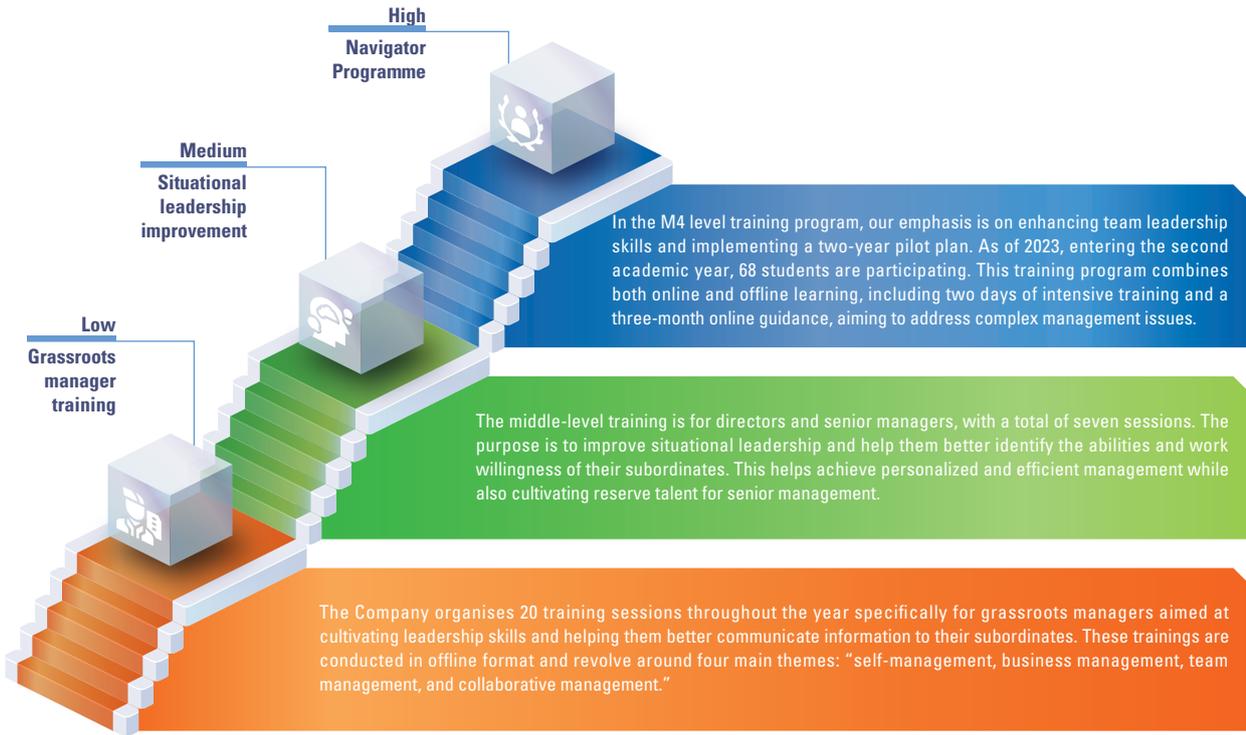
The Group provides employees with a wealth of job rotation training opportunities and a dual-channel promotion system that combines management and expertise. We have established a complete three-level management training structure, aiming to open up a broader career development path for employees and maximize the innovative vitality of talents. These measures will provide a solid talent guarantee for the smooth implementation of the Company's cloud transformation strategy.



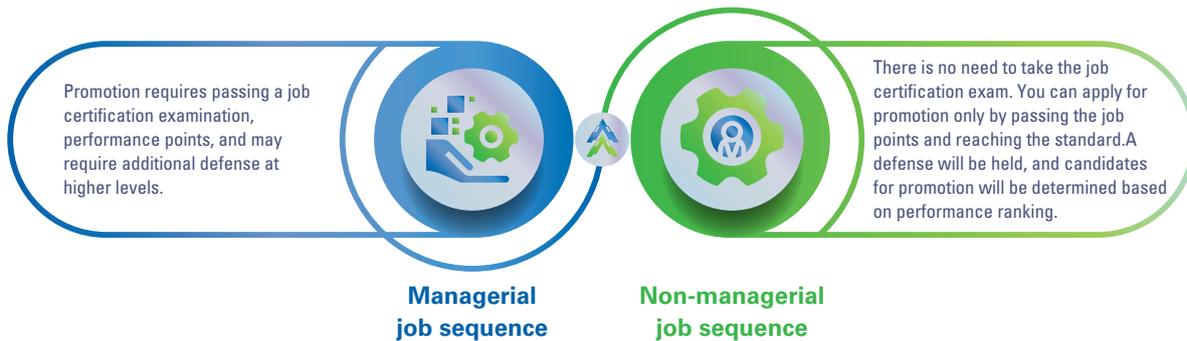
## ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORT

### Three-tier training architecture

Adopt a high-medium-low tiered management training programme:



### Dual-channel promotion system



### Joint Training and Talent Echelon Building

AsialInfo actively cooperates with third-party educational institutions, and the Senior Navigator Program is a successful joint training program. Additionally, we offer external certification training such as NPTP and CISP, prioritizing access for full-time contract workers and outsourced employees. We also provide training based on the needs and requests of interns.

At the same time, the Group's talent echelon building plan is in active progress. For senior talents, we will conduct a talent inventory in 2022 and will launch corresponding policies and systems in 2023. For general employees, we are in the process of building a talent pool, which includes tagging and digitizing talent profiles, to construct a more comprehensive talent map.

Based on the value concept of respecting every employee, AsialInfo Technologies is committed to creating a working environment full of vitality and opportunities. We deeply understand that the personal development of employees is crucial to the long-term development of the company. Therefore, we continue to improve our training system to provide employees with the best platform to realise their self-worth and career development.

During the Reporting Period, the Group organised a total of 161 sessions of various trainings for 12,795 employees, accounted for 94.2% of total number of employees, with total training time of 157,054 hours, and the total training time of employees increased by 10.9% compared to 2022.

Number and percentage of trainees by gender and rank:

Category	Trainees (Headcount)	Percentage <sup>9</sup>
<b>By gender</b>		
Male	9,899	77.37%
Female	2,896	22.63%
<b>By rank</b>		
L1	461	3.60%
L2	3,582	28.00%
L3	5,717	44.68%
L4	2,677	20.92%
L5	358	2.80%

<sup>9</sup> Trainees rate in this category = Number of trainees in this category/Total number of trainees

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Average training hours of trainees by gender and rank:

Category	Average hours (H) <sup>10</sup>
<b>By gender</b>	
Male	11.95
Female	10.33
<b>By rank</b>	
L1	8.33
L2	9.95
L3	11.69
L4	14.78
L5	12.47

### Employee Care and Communication

AsialInfo Technologies infects employees with warmth, unites employees with warmth, cares for their physical and mental growth, and promotes the sustainable development of talents. The Group believes that employees are the company's most valuable asset and the core driving force for its sustainable development. We not only provide employees with high-quality welfare protection, but also always pay attention to their safety and health status and radiate it to employees' families, truly humane care and management, and provide the best possible protection and care to employees and their families. We have developed a series of employee care plans, including regular health examinations, psychological counseling, family care and a variety of team activities. These measures are aimed at ensuring that employees can enjoy life's pleasures outside of work, thereby enabling them to better engage in their work.

At the same time, AsialInfo Technologies firmly advocates gender equality and diversity inclusion. We know that a diverse and inclusive team can inspire more innovation and bring broader development space to the Company. Therefore, we consistently adhere to the principles of fairness and impartiality in recruitment, promotion, and compensation, providing equal development opportunities for all employees. We also encourage employees to show their unique personalities and respect their cultural background and way of thinking, so that every employee can find his or her own sense of belonging in the AsialInfo Technologies family.

<sup>10</sup> Average training hours of trainees in the relevant category = Total number of training hours of trainees in the specific category/Number of trainees in the specific category

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORT

AsialInfo Technologies has always attached great importance to the care and development of female employees. In 2023, we carefully planned and held a series of activities specifically for female employees, aiming to enhance their sense of belonging, improve their quality of life, and encourage them to display their talents and charm. Interesting projects, including pot throwing on Goddess' Day, antique photography, DIY handicraft production, etc., allow female employees to relax and enjoy life after their busy work. At the same time, the "Rose Books" reading activity leads female employees into the world of books, broadening their horizons and cultivating good reading habits. Additionally, we also pay attention to the physical and mental health of female employees and specifically carry out health science lectures on female HPV-related knowledge to help them enhance their awareness of self-care.



Event on International Women's Day



Women's health knowledge lecture



Singles Matching Outdoor Party



Chinese Valentine's Day Lantern Festival Activities

These measures not only demonstrate AsialInfo Technologies' deep care for its employees but also create a diverse and inclusive working atmosphere within the Company, motivating every employee to contribute to the Company's prosperity and development. We will continue to work hard to provide more comprehensive care and development opportunities for all employees, jointly creating a better future together.

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### SOCIAL ENGAGEMENT AND LEADING WITH SOCIAL WELFARE

#### Create Social Value

AsialInfo Technologies is a responsible company that consistently contributes to society. We have always adhered to the corporate development philosophy of “when you drink water, think of the source”, actively participating in public welfare initiatives. We leverage our innovation and development advantages as a technology company to support rural revitalisation, environmental protection, poverty alleviation, and other public welfare endeavors. Furthermore, we encourage our employees to actively engage in such initiatives. In 2023, charitable and other donations made by the Group amounted to approximately RMB646,200.

In 2023, employees of the Group participated in voluntary activities, accumulating a documented total of 1,428 hours. In the future, the Group will continue to share the achievements of sustainable development with society, continuously contribute to the better lives of the people, contribute to building a beautiful China, and fulfill the social responsibility of corporate citizenship.



#### CASE:

#### Delivering a speech on “Serving Digital Rural Areas with Full-stack Digital and Intelligent Capabilities — AsialInfo Digital Rural Operation Service System” and won the 2022 Digital Technology (Rural Revitalisation) Innovation Application Outstanding Achievement Award

AsialInfo Technologies leverages its technological advantages in scientific research innovation and comprehensive social practice, focusing on digital rural operation services. At the 2023 Digital Rural Development and Cooperation Conference, it delivered a keynote speech titled “Serving Digital Rural Areas with Full-stack Digital and Intelligent Capabilities — AsialInfo Digital Rural Operation Service System.” This speech showcased the company’s accumulated digital intelligence capabilities in recent years for implementing rural revitalisation and digital rural development strategies, garnering significant attention and recognition from industry institutions such as the Rural Revitalisation Working Committee of the Ministry of Agriculture and Rural Affairs, Econong, Syngenta Group, among others. It also secured the “2022 Digital Technology (Rural Revitalisation) Innovation Application Outstanding Achievement Award.”



AsialInfo Technologies innovates the rural operation service system, aiming at rural revitalisation and using digital platforms as a means to create a multi-party service system for governments at all levels, collective economic organisations, and villagers.

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## Support Love and Social Welfare

In 2023, AsialInfo Technologies conducted charitable donations, fulfilling its social responsibility, which was acknowledged by the Social Charity Foundation.

## CASE:

## As beautiful as the beginning

AsialInfo Technologies and the Beijing Le Share Foundation launched a charity clothing donation event on May 29, aimed at improving the lives of teenagers, children, and middle-aged and elderly people in underdeveloped areas in the central and western regions. Upon launching the event, we received enthusiastic donations from everyone. Just two days after its commencement, we received over 2,200 pieces of clothing donations



Certificate of Honor awarded by the Beijing Le Share Foundation



Donation Activities

Looking ahead, the construction of a Beautiful China is just beginning. The digital economy is poised for explosive growth, and AsialInfo Technologies is committed to dedicating itself to society and advancing sustainably in the new era. With unwavering determination, we will fully leverage our technological innovation capabilities to explore new paths for green transformation through intelligent digitalisation, thereby contributing to the green development of various industries in society. We will always practice our corporate citizenship responsibilities, keeping in mind the protection of information security and customer privacy, increasing the use of clean and green products, reducing energy resource consumption, caring for employees, and protecting their healthy growth. We will strive to satisfy core demands such as the expectations of various stakeholders, adhere to sustainable development principles, insist on integrating ESG concepts into the long-term growth process of the company, and contribute to building a beautiful and sustainable vision for the whole society.



## **ASIAINFO TECHNOLOGIES LIMITED**

AsialInfo Plaza, Dong Qu, 10 Xibeiwang Dong Lu  
Haidian District, Beijing 100193, PRC

Tel: (010) 8216 6688

Fax: (010) 8216 6699

[www.asialinfo.com](http://www.asialinfo.com)

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