6

Altruism and Social Benefit

6.1 Neighborhood and Community Care

6.1.1 Strategy and Goals

▲▲ Advantech Corporate Citizenship Policy

Starting from the Company's own core capabilities, Advantech responds to issues of SDG 9 (Industry, innovation and infrastructure) and SDG 4 (Quality Education) by deepening the innovative application of the IoT and education. We offer long-term support for IoT education and various innovative and sustainable education, and look forward to cultivating the children, teenager, and youth in Taiwan with a sustainable outlook on the environment to become citizens of the world.

SDG 4 is also echoed in social investment and education, cultural and public welfare. Advantech promotes sustainable education and aesthetic literacy for the public. It not only invests in educational innovation, but also encourages and hosts sustainable education promotion programs in elementary and secondary schools. We also support private education platforms to promote the Project-Based learning model (PBL). In addition, we continue to invest resources to assist professional schools and art teams to cultivate outstanding artistic talents, and we actively promote the aesthetic literacy for the public. In the future, we will also expand our support to cultivate talent in art creation in Taiwan, enhancing Taiwan's artistic soft power.

▲▲ Medium and Long Term Goals

The vision statement of the foundation is that "combining the participation of corporate stakeholders based on Advantech's altruistic concept to promote "IoT innovation", "sustainable education", and "humanistic quality" for the purpose of promoting the development of an intelligent and happy community". Advantech is committed to becoming an intelligent promoter of a sustainable earth and a brand enterprise of truth, goodness and beauty. The goal is to promote sound social development in which science and technology and humanities go hand in hand through talent cultivation. From 2022 to 2025, we have continued to deepen the topic of IoT education based on the use of the Company's core capabilities. Also, we promote art and public welfare activities that combine social development and strengthen the connection between the Company and our employees. The promotion of the annual goal is carried out in a planned way with "innovative research and development of IoT", "sustainable innovation education", "humanistic and aesthetic quality", and "charity care for rural areas" as key projects.

All projects of the foundation have been approved by the Board of Directors. And according to the appropriateness, we can effectively bring together the community for a response, or we can invite employees, customers, and manufacturers to participate together with all stakeholders.

Table 6.1.1: Listing of Social Benefit Expenditures of the Foundation in 2022

Spending Type	Arts and Culture	Industry-University	Education	Public welfare	Total Expenses	Percent-age
Charitable Donations	-	-	-	$ 7,476,680	$ 7,476,680	8%
Neighborhood/ Community Investment	$ 12,669,014	$ 1,088,478	$ 9,782,793	$ 6,574,900	$ 30,115,185	33%
Commercial Initiatives	$ 8,832,240	$ 38,464,732	$ 7,163,168	-	$ 54,460,140	59%
Total	**$ 21,501,254**	**$ 39,553,210**	**$ 16,945,961**	**$ 14,051,580**	**$ 92,052,005**	**100%**

Table 6.1.2: Analysis of Expenditure Items

Spending Type	Arts and Culture	Industry-University	Education	Public welfare	Total Expenses
Cash Donations	$ 20,856,216	$ 32,460,317	$ 16,437,582	$ 14,051,580	$ 83,805,696
Volunteer Fees	-	-	-	-	-
In-Kind Giving	-	$ 1,822,939	-	-	$ 1,822,939
Management Overheads	$ 645,038	$ 5,269,954	$ 508,379	-	$ 6,423,370
Total	**$ 21,501,254**	**$ 39,553,210**	**$ 16,945,961**	**$ 14,051,580**	**$ 92,052,005**

6.1.2 Annual Results

⋀⋀ Sustainability and Innovation Education

The Advantech Foundation has long supported sustainability and innovation education with the hope to create better learning experiences and benefits for the children, teenagers, and youth in Taiwan. Moreover, we are committed to cultivating future talents through the promotion of various projects, including:

- **ACT Dreamers:** See "Project Highlights" below for details.
- **ACT/PBL Sustainability Teachers and Lesson Plans:** We and relevant units jointly cultivate seed teachers and develop lesson plans. Young students can gain a deeper understanding of ESG issues through the Project-Based Learning (PBL) model, and propose sustainable solutions for contribution to a better future and the next generation.
- **Sponsorship of High-Quality Sustainable Education Platforms:** We invest funds to support the educational plans to the original of high-quality education teams such as Junyi Academy, Yingguang Education Association, Chengzhi Education Foundation and other teams. In addition, we sponsor PaGamO Future Literacy Academy to adopt rural schools for improving their reading ability.
- **Support for the cultivation of creative talents in top colleges:** we support the Musical Theater Elite Talents Cultivation plans to, Graduate Institute of Performing Arts, National Taiwan Normal University.
- **Various types of caring scholarships and grants:** We cooperate with schools in remote mountainous areas and underprivileged areas such as Hsinchu, Miaoli, and Nantou to formulate scholarships and grants. The schools are responsible for setting up a selection committee to select outstanding and diligent students to give encouragement in order to increase their learning motivation and flip their lives.

Link to SDG	Driving force	Axis	Commercial Benefits and Performance	Social/ Environmental Benefits and Performance
4 QUALITY EDUCATION **10** REDUCED INEQUALITIES **17** PARTNERSHIPS FOR THE GOALS	The quality of education is improved, and multiple educational development opportunities are provided to support the development of children and young people's abilities	Advantech ACT Dreamer	In line with the SDGs of the United Nations' sustainable indicators, we cultivate students' innovative creativity, practical ability, teamwork and other abilities through the process of dreaming and practicing.	A total of more than 10 schools were sponsored, and the PBL study group was supported for more than 30 educators to visit the United States for a week. The amount invested by the foundation was more than NT$3.6 million.
		Sponsorship of high-quality sustainable education platform	The lack of school education resources is supplemented by the sponsorship of the innovative education platform. We also invite the education team to conduct the employee's knowledge lectures to promote and advocate innovative educational concepts. Our colleagues can pick up new knowledge and apply it in raising their own children. In 2022, a total of 5 educational lectures were held with 355 employees participating.	A total of nearly NT$4.56 million was invested in sponsorship funds. - **Junyi:** The number of registered users on the platform has exceeded 4.3 million, accompanying more than 3,500 teachers in the transformation of teaching technology. - **Yingguang Education Association:** We cooperate to promote the "School and Teacher Assistance Program in Under-resourced Areas". In 2022, more than 90 elementary and secondary schools in Taiwan have been assisted with more than 550 accompanying sessions on campus. - **PaGam:** In 2022, the SDGs Sustainability Elementary School of Advantech had 446,595 participants. - **Pley School:** We cooperate to promote the "Social Responsibility Education Downward Seed Teacher Accelerator Program". A total of 106 teachers in Taiwan participated, benefiting 4,397 students.

⋀⋀ Inheritance and development of traditional culture and art education

Promotion of life aesthetics

- We support the performance team and hold the "Art Salon". More than 10 high-quality Taiwanese performing arts teams were sponsored.
- The podcast "Easy Listening to Arts and Culture" is produced and broadcast to invite artists, curators, authors, and performers to the program to introduce performances, new books, movies, exhibitions, or cultural events.
- Visual arts are promoted through the Advantech Gallery holding exhibitions as well as hosting small Advantech drawing competitions.

Sponsorship of traditional cultural revival

- **Sponsorship of National Taiwan College of Performing Art:** Since 2015, Advantech has continued to support Taiwan College of Performing Art. The graduation performance of the Department of Acrobatics, the Jing Ju Troupe and the Acrobatics Troupe were both sponsored. In results, the performance stage of students engaged in traditional art and culture has been expanded, and the visibility of traditional opera has been improved. In order to encourage students with superb skills to continue to study hard, we sponsor the Department of Acrobatics to establish the art scholarship of the [Advantech Elite Award] to commend outstanding students.
- **Young Talents Cultivation Program of GuoGuang Opera Company:** In order to relieve Jing Ju's talent gap and focus on training for young talents with potential, we focus in talents, recruit talents, and cultivate new seedlings in the existing official Guoguang Opera Company members and youth reserve members , Taiwan College of Performing Art student. In addition, we sponsored the funds for the promotion of the film "Popular Traditional Opera", allowing young actors to find different ways to promote it.

We support potential players in the sports world by sponsoring training equipment and related funds.

Driving force	Axis	Commercial Benefits and Performance	Social/ Environmental Benefits and Performance
Inheritance and development of traditional culture and art education to promote the cultivation and succession of young talents	Sponsorship of National Taiwan College of Performing Art	Through active interaction, we invite the school to participate in Advantech's various internal and external activities and performances to enhance the visibility of traditional art performances. Stakeholders (including employees, customers, etc.) are encouraged to actively participate.	A total of 12 people won the art scholarship of the "Advantech ABLE Elite Award" . The total sponsorship funds to support Taiwan College of Performing Art's traditional arts exceeded NT$460 thousand.
	Young Talents Cultivation Program of GuoGuang Opera Company	The inheritance and transmission of traditional classics can be combined with the cultivation of key talents to comprehensively improve the performance capabilities of young actors. Therefore, the coexistence and co-prosperity between the cultivation of opera professionals and the performing arts market is promoted.	32 series of courses are arranged to be taught by senior actors/teachers to guide the courses. A total of 18 young actors and 6 behind-the-scenes staff are learning and inheriting. Furthermore, they starred in showcasing their skills and/or served as key staff to assist in the annual series of performances. The annual sponsorship fund exceeds NT$3.6 million.

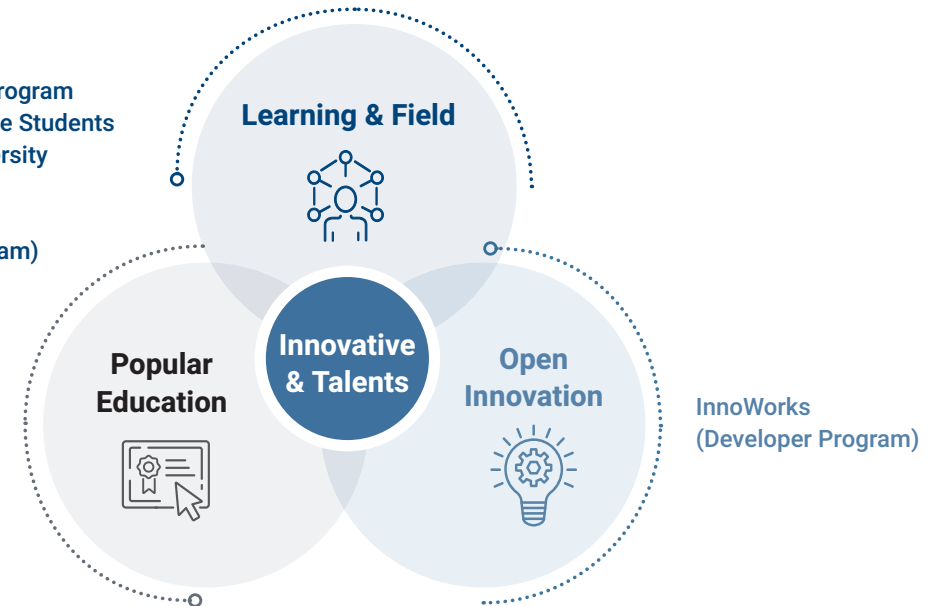| Driving force	Axis	Commercial Benefits and Performance	Social/ Environmental Benefits and Performance
High-quality arts and cultural teams are supported and encouraged to promote aesthetic quality education for all.	Sponsorship of the Taiwan arts and culture team, production and broadcast of the podcast "Easy Listening to Arts and Culture",promotion of art education in rural areas, and holding of art gallery exhibitions	These can enhance the opportunities for stakeholders to actually participate in arts and culture, and then the cultivation of arts and culture for all are promoted.	More than NT$8.83 million was invested to support 100 performances by the art team. More than 1,700 stakeholders participated in to watch the performances. The 60-episode podcast program introduces more than 50 productions, 11 exhibitions, 8 books and multiple large-scale cultural events. By December 2022, the cumulative number of listeners has exceeded 11,000. The Story Factory Rural Art Promotion Project was sponsored. The Charity Gallery held a total of 6 grades of exhibitions.
to support sports activities and training of young players	Sponsorship of Technology Cup Road Run and Youth Sports Players	Stakeholders are motivated to participate in physical activities that promote their physical and mental health. We also cooperate with the Olympic national players in the inheritance plan, sponsoring young sports players with potential to cultivate future sports national players.	The invested funds exceeded NT$1.1 million. We sponsored the 2022 Taipei Technology Cup - Charity Run for Love the Earth. We also encourage employees of the Company to participate which attracted a total of 900 employees and their families to sign up (the event was canceled due to the epidemic). Through the sponsorship of the Qatar World Cup broadcast at Shin Kong Cinemas, we supported stakeholders to pay attention to important international sports events, and about 200 people attended the event. We cooperated with the Olympic gold medalist, Kuo Hsing-chun (Tana), to support the six potential young athletes recommended by Kuo Hsing-chun (Tana).

Education of IoT and Industry-University Co-Creation

As an international benchmark enterprise for industrial computers and IoT, Advantech regards the cultivation of IoT talents as the key to corporate competitiveness and the significant development of corporate sustainability. Therefore, we promote three major axes and five programs to cultivate IoT talents with the vision of popularizing and deepening IoT education.

- Industry-University Program
- Doctoral and Graduate Students on the Industry-University Interface
- Elite100 Internship (IoT Internship Program)

AIoT Academy (Education Courses and Certifications)

Learning & Field

Popular Education

Innovative & Talents

Open Innovation

InnoWorks (Developer Program)

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1 Learning & Field: Co-Creation ecosystem is promoted to improve industrial growth and employment opportunities.

- **Industry-University Proposition Projects of University Co-Creation (see Chapter 3 for details)**
- **Doctoral and Graduate Students on the Industry-University Interface (see Chapter 3 for details)**
- **IoT Career Opportunities: Elite 100 IoT Internship Program**
  - Elite100 Internship Program focuses on forward-looking issues in different application fields. Advantech mentors lead students to understand actual needs and industry pain points through user situation analysis and field interviews, and then innovative conceptual designs are proposed.
  - In-house investment units: human resources, internal business units, and foundations
  - Main beneficiary unit: students and schools
  - External cooperation: resources of field provided by Advantech's partners.
    - More than hundreds of students have participated in the internships since 2018. More than 50 thematic projects have been produced and actually promoted to Advantech's in-house application.
    - In 2022, a total of 35 students from Taiwan participated in the summer internship and produced 14 thematic proposals. 7 students thereof got extended internship contracts after the summer vacation. There were 12 interns in China, and 10 students became full-time employees after graduation in 2022.
  - Events website: https://intern.advantech.tw/
  - 2022 Internship Recap Video(Please refer to the video link)
  - 2022 Interns' Thoughts (Please refer to the link for their thoughts)

② Open innovation: Students' cross-field co-creation is guided to promote industrial innovation.

- **InnoWorks Developer Project Competition**

- **Activity mechanism:** AIoT InnoWorks is an IoT competition for students and developers around the world. Innovative application solutions in various industries and fields are learned and developed on the basis of Advantech's WISE-IoTSuite IoT cloud platform. Therefore, social and environmental challenges are solved with generous bonus available. The topics include public health, solar and wind energy, smart agriculture, smart factories, smart campuses, smart cities, etc.

- Continuous development mechanism
  - Students from excellent teams are invited to join Advantech Elite 100 Internship Program.
  - Students participating in the competition are invited to join Advantech WISE-IoTSuite ambassador program to support the implementation of WISE-IoTSuite cooperation projects in Advantech's various campuses, serve as lecturers in on-campus training workshops, provide AIoT InnoWorks technical support, and answer advanced development questions in technical forums .
  - We support the team's continuous development of topics that are in line with Advantech's product road map or have continuation significance. Advantech's internal product department also forms an Industry-University plan to be connected according to demand.

- Results of Quantification: It has entered the fourth session since its inception in 2019. A total of 19 schools from 8 countries have participated, including Taiwan, mainland China, Vietnam, Malaysia, Singapore, Brazil, South Korea and other countries. In 2022, there were 90 student teams from 6 countries with more than 360 students participating.

Practical case 1: Taiwan_WIFI AP User Management Project from Team of National Taiwan University of Science and Technology

In 2022, one of the participating InnoWorks teams of National Taiwan University of Science and Technology developed the WIFI AP user traffic management on campus. It also was actually introduced in the computer center of National Taiwan University of Science and Technology. Advantech supports the student team in the continuous follow-up development of the management interface through practical actions. It includes student development internship allowances and mentoring resources for industry instructors, while medium and long-term evaluations are promoted and introduced in other campuses.

Practical case 2: Mainland China_Combination of government policies and sponsorship of specialized competition for green campus carbon neutrality

The campus carbon emission accounting platform was jointly developed with professional scholar of green building and new energy of Tongji University in mainland China with supports on resources of team and platform provided. In 2023, more Industry-University collaboration projects related to energy management will be launched to cultivate talents in the IoT industry.

Practical case 3: Vietnam_In-depth collaboration with an index university in the south to form a professional team to expand the market

We signed a memorandum of cooperation with three index universities in the Ho Chi Minh City area with smart cities as the axis. InnoWorks is the main focus of the first phase of cooperation, facilitating a number of cooperation projects. We look forward to forming an expert team with experts and scholars to strengthen the technical support power of the local market.
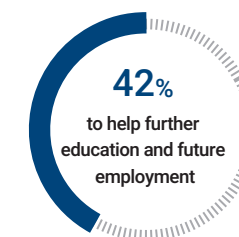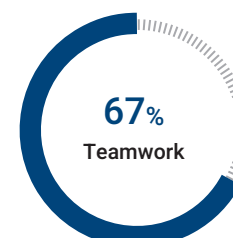

Vietnam InnoWorks Developer Programs' Competition Report 1, Vietnam InnoWorks Developer Programs' Competition Report 2 , Vietnam InnoWorks Developer Programs' Competition Report 3

Practical case 4: Malaysia_Students' project will be used as an example of marketing promotion to evaluate the feasibility of commercialization.

The winning teams in 2022 focused on AI trash identification. Sustainability issues were combined to automatically identify garbage types through machine learning to improve students' consciousness and ideas about the environment. Advantech Co. Malaysia Sdn. Bhd. invites students to communicate and share in the in-house meeting, and the feasibility of subsequent industrial application will also be evaluated.

- **Feedback from students:** More than 80% of the responses to the questionnaire indicated that the new tool (the Internet of Things cloud platform WIS-IoTSuite) has been learned and used in depth.

Feedback from participants

83% Learn new tools

75% understand users' key pain points and provide solution

67% Teamwork

58% Sense of accomplishment

42% to help further education and future employment

Team D
2020 winning team from Malaysia

"Advantech provides a platform that we have never known before. This is a good opportunity. We are able to experience the first-hand technologies that industry professionals are currently using"

The Builder BOB
2021 Team Leader of the winning team from Taiwan - Student Liang

"This competition is an attempt for me to step out of my comfort zone. Therefore, I am determined to study programming harder, and I am more determined to become a multi-talented person."
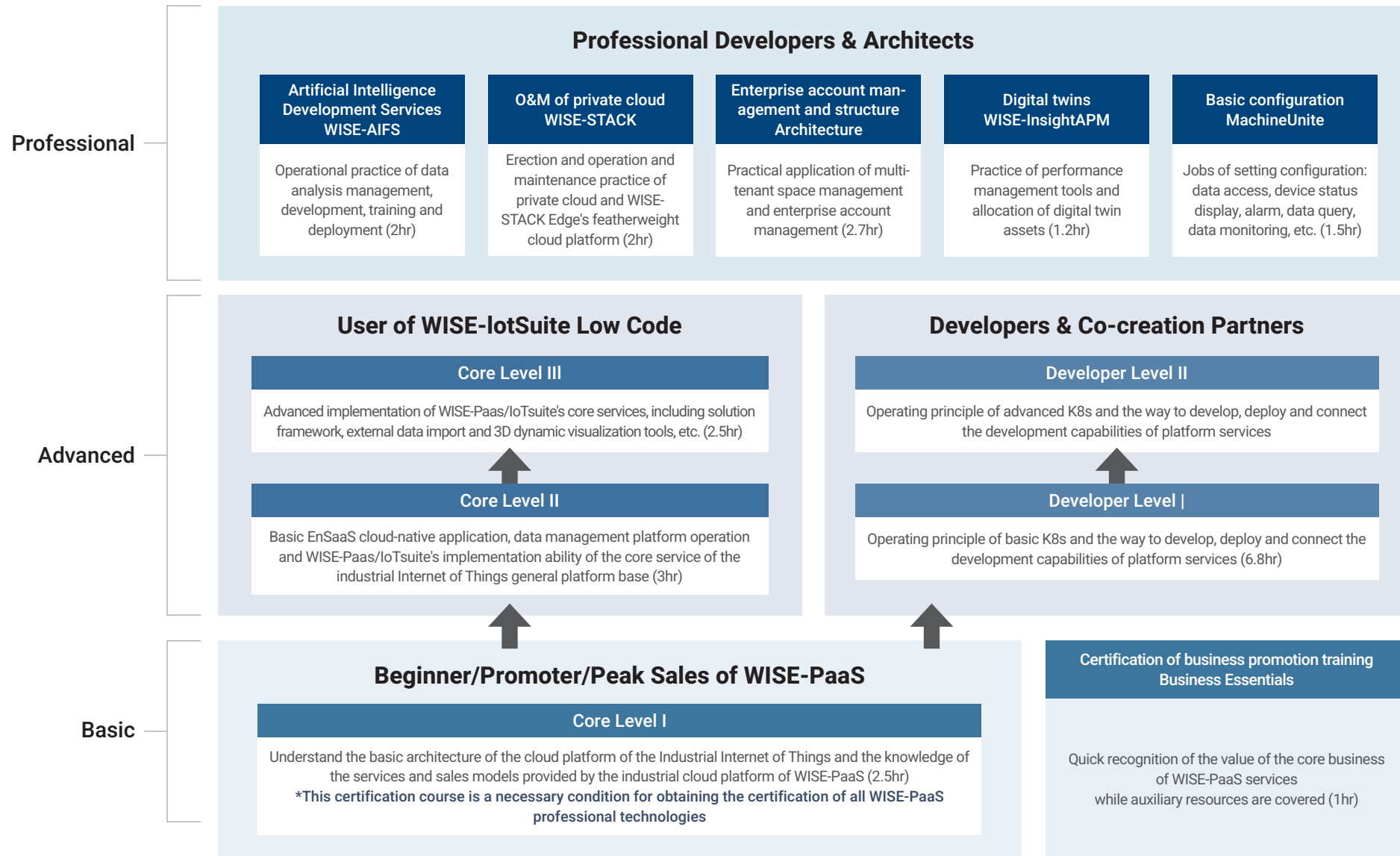
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③ Popular Education: The gap between industry and education in higher education is shortened through extended training for summer internships → long-term internships → full-time jobs.

Online Learning Platform for IoT [IoT Higher Education Courses & Certification of AIoT Academy]

- Advantech's training and certification official website: https://academy.advantech.com/
- As an online platform for global learners to develop cloud-related skills, Advantech provides free user accounts, training courses, and usage space. Therefore, more learners can explore industrial cloud applications, including course consultation, technology transfer, co-teaching by industry instructors, and obtaining certificates through examinations.
- In-house investment units: technical support department, foundation, emerging business development department
- Main beneficiary unit: students, schools, and general public who are interested in popular education on the IoT
- External collaboration: experts and scholars in the field of IoT
  - From 2018 to 2022, we cooperated with a total of more than 14 universities and universities of technology.
  - From 2018 to 2022, a total of 28 IoT internship courses have started, including 6~30 hours of lectures combining theory and industrial solutions coordinately given by industry instructors, including industrial IoT, cloud data platform, AI artificial intelligence, etc.
  - In 2021-202, a total of more than 800 technical certificates on WISE-IoTSuite have been issued in campus cooperation.

Schools that run courses together	
Taiwan	National Taiwan University, National Yang Ming Chiao Tung University (formerly Chiao Tung University), National Cheng Kung University, Tunghai University, Chang Gung University, National Taiwan University of Science and Technology, National Taipei University of Technology, Chang Gung University of Science and Technology, National Yunlin University of Science and Technology, National Formosa University, National Chin-Yi University of Technology, Lunghwa University of Science and Technology
Mainland China	Nanjing University of Science and Technology, Henan University of Technology
Production of teaching material of IoT and software engineering	
Taiwan	National Taiwan University of Science and Technology, Tunghai University
Mainland China	Nanjing University of Science and Technology, Henan University of Technology

Learning Path of WISE-IoTSuite's Certification Courses

Professional

Professional Developers & Architects

Artificial Intelligence Development Services WISE-AIFS	O&M of private cloud WISE-STACK	Enterprise account management and structure Architecture	Digital twins WISE-InsightAPM	Basic configuration MachineUnite
Operational practice of data analysis management, development, training and deployment (2hr)	Erection and operation and maintenance practice of private cloud and WISE-STACK Edge's featherweight cloud platform (2hr)	Practical application of multi-tenant space management and enterprise account management (2.7hr)	Practice of performance management tools and allocation of digital twin assets (1.2hr)	Jobs of setting configuration: data access, device status display, alarm, data query, data monitoring, etc. (1.5hr)

Advanced

User of WISE-IotSuite Low Code

Core Level III

Advanced implementation of WISE-Paas/IoTsuite's core services, including solution framework, external data import and 3D dynamic visualization tools, etc. (2.5hr)

Core Level II

Basic EnSaaS cloud-native application, data management platform operation and WISE-Paas/IoTsuite's implementation ability of the core service of the industrial Internet of Things general platform base (3hr)

Developers & Co-creation Partners

Developer Level II

Operating principle of advanced K8s and the way to develop, deploy and connect the development capabilities of platform services

Developer Level I

Operating principle of basic K8s and the way to develop, deploy and connect the development capabilities of platform services (6.8hr)

Basic

Beginner/Promoter/Peak Sales of WISE-PaaS

Core Level I

Understand the basic architecture of the cloud platform of the Industrial Internet of Things and the knowledge of the services and sales models provided by the industrial cloud platform of WISE-PaaS (2.5hr)
*This certification course is a necessary condition for obtaining the certification of all WISE-PaaS professional technologies

Certification of business promotion training Business Essentials

Quick recognition of the value of the core business of WISE-PaaS services while auxiliary resources are covered (1hr)

Link to SDG	Driving force	Axis	Commercial Benefits and Performance	Social/ Environmental Benefits and Performance
![SDG 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE]	Promotion of innovation and co-creation in the Industrial Internet of Things industry	Industry Academia Innovation School / IOT Innovation Center of National Yang Ming Chiao Tung University	It establishes the practical application and technical research of the industrial AIoT Internet of Things, and becomes a creative idea to give birth to a new business. The research and development topics include Intelligent video analytics, Industrial 4.0, IoT embedded PaaS, and AIoT domain applications. By 2022, there were accumulated 44 project with cooperations.	Advantech has cultivated outstanding talents through Industry-University collaboration since 2015. Also, the plan is expected to be newly launched in 2023 to train 7 graduate students on the Industry-University Interface.
		AIoT Academy Higher Education Courses and Certifications in IoT	● It strengthens Advantech's brand visibility and influence in the Internet of Things. ● It strengthens the link of the campus ecosystem. From 2018 to 2022, a total of 28 IoT internship courses have been assisted to start within more than 14 universities and universities of technology. 6~30 hours of lectures combining theory and industrial solutions are coordinately given by industry instructors, including industrial IoT, cloud data platform, AI artificial intelligence, etc.	We popularize IoT education, and support the teaching work of schools and the learning of students around the world. From 2021 to 2022, a total of more than 800 technical certificates were issued through the cooperation with schools.
		AIoT InnoWorks IoT Developer Projects	● We build connections with schools and students. More than 360 students of 19 schools participated from regions include Taiwan, Mainland China, Vietnam, Malaysia, Singapore, Brazil, etc. ● IoT applications are promoted. In 2022, a total of 90 special projects were produced with topics related to smart manufacturing, smart city, smart medical care, and smart agriculture. ● The Advantech brand has the opportunity to be exposed and the link of the campus ecosystem is strengthened.	Students' project-based learning is supported through providing opportunities to hone their programming skills and challenge themselves. In 2023, more than 600 students from 7 countries around the world are expected to participate.
		Elite100 Internship Program	● 14 topic researches and thematic plans were produced. ● Employer brand is strengthened and top talents are attracted through internship recruitment. ● In 2022, a total of 35 interns were recruited, and 7 students thereof extended their internship after the summer vacation.	The cultivation of excellent talents is assisted through corporate internships, and students' workplace experience and learning are provided as well. 40 interns are expected to be recruited in 2023.

Message from
Management

Sustainability
Vision and Goals

Company Management
and Governance

Innovation and Service

Green Operations

Employees Relationship
and Cultivation of
Industrial Talents

Altruism and Social
Benefit

Appendix

6.1.3 Advantech Global Highlights Project

Taiwan "ACT Dreamers"

Since 2020, the Foundation has invested resources to hold the "ACT Dreamers" activity with PBL learning mode imported. The main spirit of the ACT Dreamers Project is to "let children learn about sustainable awareness from action through creativity and cooperation".

ACT's elementary and secondary school student proposals must be aligned with the United Nations' Sustainable Development Goal indicators (SDGs). The purpose is to cultivate the qualities that international citizens should have through project execution. The process focuses on connecting with the real world to guide students to find topics, design subjects, plan action plans, collect data, establish decision-making actions, complete the process, and present learning results in order to empower children to grow.

In 2022, we have deepened our Projected-Based Learning (PBL). Dual empowerment sessions for teachers and students have been added. In this way, students' in-depth discussion of SDGs United Nations sustainable indicators is strengthened and implemented in life issues. In 2022, Advantech employees joined to serve as industry instructors to discuss the logic of thinking in the real world with students face to face. Students are assisted to discuss issues more fully. The topics that the student team focuses on include epidemics, health, ecology, local creation, education and learning, and community care. The foundation hopes to sow the seeds of sustainable action through this event. Students can have the ability to care for society, develop problem-solving abilities and mobility.

Taiwan "Hsinchu/Miaoli Scholarship Program for Students in Need"

The Foundation has supported the "Hsinchu/Miaoli Scholarship Program for Students in Need" since 2013 for ten years until now. It is mainly aimed at underprivileged students who perform well below high schools in Taiwan's Hsinchu and Miaoli areas. School teachers nominate and praise students based on their comprehensive performance in family situation, school morality and academic performance. In 2013, a total of 12 schools were supported with one million NTD, benefiting 500 students. Now it has been extended to a total of 36 schools supported with NT$3 million, benefiting more than 1,600 students in 2022. In 2023, we plan to extend sponsorship to 42 schools. Through the provision of scholarships, we aim to encourage students in need, strengthen the connection between teachers and students, and provide support tailored to their individual needs. Our goal is to help these students discover their potential and transform their lives through education, creating new opportunities for their future.

⚠️InnoWorks Global Developer Project Competition

AIoT InnoWorks is an IoT competition activities for students and developers around the world. The Taiwan headquarters solicited cases from branches in 28 countries around the world. Students participating in the activity learned and developed innovative application solutions in various industries and fields on the basis of Advantech's WISE-IoTSuite IoT cloud platform. Therefore, social and environmental challenges are solved with generous bonus available. Meanwhile, Advantech invites customers/partners in various fields to serve as industry teachers, to provide students with more practical advice on the industry, and to jointly coach students to make proposals. The topics include public health, solar and wind energy, smart agriculture, smart factories, smart campuses, smart cities, etc.

Expand Breadth, Increase Influence

In 2022, there were 90 student teams of 16 schools from 6 countries (Taiwan, Mainland China, Malaysia, Singapore, Vietnam, Brazil) with 360 students participating. Students are encouraged to use their creativity to promote the application advocacy and education of IoT.

Emphasize the Continuity of Post-activity, Cultivate Future Talents in the Internet of Things Industry

- **Elite100 Internship Program**: In 2022, 6 students have become Advantech interns through InnoWorks.
- **Advantech on-campus seed program:** In 2022, National Taiwan University of Science and Technology was the primary partner. Three outstanding students were selected as the first batch of seeds, who will assist Advantech in cross-school InnoWorks technical support tasks.
- **Sponsorship:** We support the team's continuous development of topics that are in line with Advantech's product development plan or have continuation significance. Advantech's internal product department also forms an Industry-University plan to be connected according to demand.

⚠️ China "Warm Winter Action in Hubei Area: the plan of Protecting Rural Elementary Schools from the Cold Winter "

A straw shows which way the wind blows so as needs are often seen from details of daily life. At the beginning of December 2022, our colleagues from Advantech Technology (China) saw the need for winter clothes for elementary schools in Guizhou from social networks' messages. After verification, the Human Resources and the Welfare Committee internally launched the "Protecting Rural Children" volunteer activity to collect winter clothes for rural children. Our colleagues from North China, East China, South China, West China, and Advantech Kunshan have responded quickly to the activity. A total of more than 300 colleagues were attracted to participate, and over 100 pieces of near-new winter padded jackets and other clothing were collected, which were quickly packaged and sent to the elementary schools in need. In addition, our colleagues also donated 2,360 welfare points (equivalent to an amount of $11,800) as the cost of purchasing warm-weather materials.

This activity funded three schools in Guizhou, Hubei, and Hunan for a total of more than 200 students from the No. 3 Elementary School of Guzhou Town in Rongjiang County of Guizhou Province, Dongyue Village Elementary School in Tanshan Town of Shiyan City of Hubei Province, and Dongyue Village Elementary School in Tanshan Town of Shiyan City of Hubei Province. Our colleagues of Advantech Technology (China) gather strength from all directions into a full of love. Therefore, we believe that where there is love, there is power. We hope that these warm clothes can help children to have a warm winter!

Japan's "Future Data Scientists - Programming Course for Middle School Students"

Advantech Japan has been cooperating with the Nogata City Government and the local college student club, GLEAP, for a long time. The technical advantages of our industry are used as assistance to conduct programming courses for middle school students. A total of 16 trainees, 6 GLEAP student advisors, and 5 Advantech Japanese colleagues participated in the three-day course, and the corporate volunteer service totaled 120 hours. Nogata City Government of Japan invested ¥110 million for this project to support the development of future youth as AIoT talents. Advantech presented actual products, demos, application cases and real industrial computer products in the courses. Advantech's corporate volunteers also guided students to complete works independently in order to stimulate the students' creativity and practical ability. The students learned new technologies and gained a sense of accomplishment in the camp, and therefore being helped to develop their future careers. Advantech's corporate volunteers also took this opportunity of educational services to strengthen our employees' sustainable DNA and to implement actions to give back to society.

USA "A4C (Advantech for the Community) Plan"

Advantech North America released the A4C (Advantech for the Community) Plan in 2021 to encourage employees to submit proposals. Also, funding utilization is directed and activities are organized through the A4C Committee. It is expected to achieve the goals of giving back to the community, strengthening the connection between the community and employees, improving employee morale, etc. In 2022, these activities have been successfully promoted, such as: blood donation activities, community garbage removal, Girl Ink. female cultivation workshops, food banks, etc. Among them, the most grand event is the sponsorship of CHOC, a well-known children's hospital in Orange County, California. The purpose of CHOC (Children's Health of Orange County)is to provide children's medical resources. Since 2020, Advantech USA has cooperated with CHOC, and has donated more than US$43,000. It has also supported and responded to the entity through a series of employee activities.

A4C advocates social welfare, and another major focus is employee participation. Taking CHOC as an example, we held charity draws for employees in Irvine, Cincinnati, and Ottawa, and donated the proceeds from the lottery tickets. In addition, Manager Dunk Tank is also held this year to invite employees, their relatives and friends to respond to the fundraising together. As long as the employees, their relatives and friends reached the goal of fundraising, they will have the opportunity to shoot the goal. It allows executives above the manager level to be dunked into the pool based on the amount of employee donations! While all employees are doing public welfare, they can also promote team interaction to gather centripetal force.

6.2 Summary of Advantech Foundation Achievements

In 2022, Advantech Foundation spent a total of NT$39,553,210 on IoT talent cultivation; NT$21,501,254 on promotion of arts and culture; NT$16,954,961 on sustainable education; and NT$14,051,580 on Good Together in public welfare. The focus items are listed in the table below:

Focus	Project Name	2022 Results	2023 Goals

Education of IoT Cultivation of innovation talents	AIoT InnoWorks Developer Program AIoT Academy Higher Education Courses and Certifications in IoT	The invested funds exceeded NT$6.16 million
		• 90 topics were produced by 360 students participated from 16 universities around the world
		• From 2021 to 2022, a total of more than 800 technical certifications have been issued in campus cooperation
		• From 2018 to 2022, a total of 28 IoT internship courses have been assisted to start with more than 14 universities and universities of technology. 6~30 hours of lectures combining theory and industrial solutions are coordinately given by industry instructors, including industrial IoT, cloud data platform, AI artificial intelligence, etc.
			Estimated investment: NT$52.93 million
			• InnoWorks
			  26 schools participated around the world
			• Internship
			  The scale is enlarged to 40 students participated in the Internship Program.
			• Industry Academia Innovation School / IOT Innovation Center of National Yang Ming Chiao Tung University
			  3 campus IoT application large projects and 7 Industry-University collaboration projects were promoted.
			• AIoT Academy
			  1. AIoT Internet of Things knowledge field course development, including two major areas: smart manufacturing,and energy management
			  2. A total of 12 cooperation numbers to participate in educational projects or university courses of cultivation

	Elite Internship Program	The invested funds exceeded NT$7.54 million • 14 topic researches and thematic plans were produced. • In 2022, a total of 35 interns were recruited, and 7 students thereof extended their internship after the summer vacation	
	Industry Academia Innovation School / IOT Innovation Center of National Yang Ming Chiao Tung University	The invested funds exceeded NT$10 million • 6 research projects were jointly collaborated	
Business management case Talent cultivation of teachers	EACC Case Study	The invested funds exceeded NT$1.08 million • Sponsorship of the professor's research, and 10 case writings completed and published in the traditional Chinese version of Harvard Business Review.	Removed in 2023
Innovation and Sustainable Education Program	ACT Dreamers	A total of more than 10 schools were sponsored, and the PBL study group sponsored more than 30 educators to visit the United States for a week. The amount invested by the foundation was more than NT$3.6 million	We continue to expand the scale and invite schools and educational innovation groups to participate and join. 40 schools and the second PBL International Study Group are expected to be sponsored. The invested amount exceeded NT$15.6 million

Focus	Project Name	2022 Results	2023 Goals
Inheritance of traditional art and carrying it forward	"Successor of Taiwan Jing Ju - Young Talents Cultivation Program" of GuoGuang Opera Company	32 series of courses are arranged to be taught by senior actors/teachers to guide the courses. A total of 18 young actors and 6 behind-the-scenes staff are learning and inheriting. Furthermore, they starred in showcasing their skills and/or served as key staff to assist in the annual series of performances. The annual sponsorship fund exceeds NT$3.6 million	The youth talent training program is continuously supported, and 2023 international tour is sponsored in addition. The continuous sponsorship funds are expected to be NT$2.8 million
	Talents Cultivation Program of National Taiwan College of Performing Art	A total of 12 people won the art scholarship of the "Advantech ABLE Elite Award". In addition, the project sponsored the custom-made clothes and shoes needed for practicing. The total sponsorship funds to support Taiwan College of Performing Art's traditional arts exceeded NT$460 thousand	Outstanding students are continuously encouraged with scholarship support. Also, the fundings of Jing Ju Troupe and the Acrobatics Troupe are sponsored. The expected investment amounted to NT$1.2 million
Improvement of aesthetic literacy (various types of arts and sports)	High-quality arts and cultural teams are supported and encouraged to promote aesthetic quality education for all.	More than NT$8.83 million was invested to support more than 100 performances by the art team. The 60-episode podcast program introduces more than 50 productions, 11 exhibitions, 8 books and multiple large-scale cultural events. The Alliance Cultural Foundation and the Story Factory Rural Art Promotion Project was sponsored. The Charity Gallery held a total of 6 events of exhibitions	The promotion of diverse arts and culture is expected to be carried out. Sponsorship is applied to performances by high-quality Taiwanese teams, production and broadcasting of 30 episodes of "Easy Listening to Arts and Culture" podcasts, and holding of themed exhibitions. Creative talents are cultivated and artistic vision is expanded through cooperation with professional schools. The goal is to drive 3,000 people to participate. Also, the invested funds exceeded NT$10 million
	to support sports activities and training of young players	The invested funds exceeded NT$1.1 million. We sponsored the 2022 Taipei Technology Cup - Charity Run for Love the Earth and World Cup soccer broadcast. We also encourage stakeholders of the Company participated together, and about 200 people attended the event. We cooperated with the Olympic gold medalist, Kuo Hsing-chun (Tana), to support the six potential young athletes recommended by Kuo Hsing-chun (Tana).	We continue to support the six potential young athletes recommended by Kuo Hsing-chun (Tana), including hurdles, judo, wrestling, track and field, etc. The invested funds amounted to NT$2.5 million
Innovation and cultivation of social enterprises	Sponsorship of sustainable projects for innovative social enterprises	• Social Enterprise Insights was sponsored with NT$500 thousand. "2022 Sustainability Action Carnival" was planned and exhibited. More than 2,700 people participated in the two-day event, and more than 2,800 people watched it live online • Tic100 was sponsored with NT$1 million, which is mainly used in the competition of sustainability proposals. • The Social Innovation School (School 28) was sponsored by NT$2 million. Young colleagues who are enthusiastic about social enterprises and have a total working experience of 2-5 years have the opportunity to participate in the selection and cultivation • The Lovely Taiwan Foundation was sponsored by NT$1 million for the Shennong Project, entering national schools to promote food and agriculture education, to accompany teachers and students to explore the ecological environment, and to cultivate the concept of a friendly land	It is expected to sponsor NT$3 million to continuously support innovative social enterprises and non-profit organizations to invest in sustainability. Lectures and power-building activities are held to deepen Advantech's ESG strategic cooperation
Rural charity care	Hsinchu/Miaoli Rural Care Scholarship	It is mainly aimed at underprivileged students who perform well in elementary and secondary schools in Taiwan's Hsinchu and Miaoli areas. School teachers nominate and praise students based on their comprehensive performance in school morality and academic performance The total donation was NT$3 million, benefiting more than 1,600 people from 36 schools	The number of schools sponsored is expected to increase to 42 schools. We hope that underprivileged students will be encouraged to be positive and the connection between teachers and students will be strengthened through the scholarships. In this way, the teacher can pay attention to the needs of the students and see the bright spots of the students to help the poor students find the light in life. Also, more possibilities are created.