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Altruism and Social Welfare

- 6.1 Neighborhood and Community Care
- 6.2 IoT Education and Industry-Academia Co-Creation
- 6.3 Summary of Foundation Achievements



Enabling an Intelligent Planet



Advantech's Corporate Citizenship Strategy

Advantech has applied IoT technology to develop smart healthcare by leveraging its core competencies, contributing to the realization of SDG 3 Good Health and Well-being. In addition, it has also responded to SDG 9 Industry Innovation and Infrastructure and SDG 4 Quality Education-related issues, and it has been a long-time supporter of IoT education and various innovative sustainable education initiatives, hoping to cultivate Taiwanese children and youth into global citizens with a strong sense of environmental sustainability.

Social investment and education, culture, and public welfare also align with SDG 4. Advantech promotes sustainable education and national aesthetic attainments. In addition to investing in educational innovation, Advantech also encourages and sponsors sustainable education promotion programs in primary and secondary schools, and supports private education platforms to promote Project-Based Learning (PBL). We also continue to invest resources to assist professional schools and arts and cultural groups in cultivating outstanding artistic talents, and actively promote the public's aesthetic attainments while simultaneously enhancing the development of the arts and cultural industries, so as to enhance the soft power of art for Taiwan.

Medium- and Long-Term Goals

The vision of the foundation is based on Advantech's altruistic philosophy, combined with the participation of corporate stakeholders, to promote 'industry-academia collaboration,' 'education innovation,' 'art industry co-prosperity' to promote the development of a smart and happy community' as the foundation vision statement. Advantech is committed to becoming a smart enabler of a sustainable earth and is committed to becoming a brand enterprise of truth, goodness, and beauty. With the goal of cultivating talents to promote a sound society in which technology and humanities advance simultaneously, Advantech will continue to deepen the use of smart healthcare and education on the IoT based on its core competencies in the future; and enhance the arts, culture, and public welfare activities by integrating social development and strengthening the connection between the Company's employees. through the planning of "IoT Industry-Academic Cooperation", "Innovation Sustainable Education", "Co-prosperous Development of Arts and Enterprises", and "Rural Charity" as the key project to promote the annual targets.

All the foundation's projects have been approved by the Board of Directors. Depending on the appropriateness, the community is jointly responded, or employees, customers, suppliers and all stakeholders are invited to participate.

Expenditure type	Arts and literature	Industry-academia	Education	Public welfare	Total	Percentage
Charitable donations	–	–	–	\$ 23,295,775	\$ 23,295,775	22%
Community/community investment	\$ 8,882,336	\$ 51,000	\$ 7,815,000	\$ 6,269,269	\$ 23,017,605	22%
Business initiatives	\$ 7,286,087	\$ 46,275,563	\$ 4,056,885	\$ 1,500,000	\$ 59,118,535	56%
Total	\$ 16,168,423	\$ 46,326,563	\$ 11,871,885	\$ 31,065,044	\$ 105,431,915	100%

Table 6.1.1: List of the foundation's social welfare expenditures in 2023

Form of expenditure	Arts and literature	Industry-academia	Education	Public welfare	Total expenditure
Cash donation	\$ 15,683,370	\$ 41,868,426	\$ 11,515,728	\$ 30,788,624	\$ 99,856,149
Volunteer fees	–	–	–	\$ 276,420	\$ 276,420
Item donation	–	\$ 3,068,340	–	–	\$ 3,068,340
Administrative and marketing expenses	\$ 485,053	\$ 1,389,797	\$ 356,157	–	\$ 2,231,006
Total	\$ 16,168,423	\$ 46,326,563	\$ 11,871,885	\$ 31,065,044	\$ 105,431,915

Table 6.1.2: Analysis of expenditures

Expenditure type	2021	2022	2023
Charitable donations	\$ 30,976,102	\$ 7,476,680	\$ 23,295,775
Community/community investment	\$ 24,675,636	\$ 30,115,185	\$ 23,017,605
Business initiatives	\$ 21,206,083	\$ 54,460,140	\$ 59,118,535
Total	\$ 76,857,821	\$ 92,052,005	\$ 105,431,915

Table 6.1.3: Social welfare expenditure in the recent three years

6.1

Co-prosperity with Innovation Sustainable Education and Arts

Advantech's mission is to "Enabling an intelligent planet." Therefore, we all regard it as our responsibility to promote environmental sustainability, encourage innovation, energy, education and sustainability, enhance the development of arts and cultural industries, and foster talent cultivation so that arts and businesses can co-prosper with cultural sustainability.



Topics concerned

- Sustainable Development Goals (SDGs) promotion
- Problem-based learning (PBL) teaching model
- Demonstration of diverse learning processes
- Development of arts and cultural industries
- Cultivation of creative talents
- Improvement of humanistic quality



Our method

- Provide funds to support innovative educational and cultural projects, encourage creativity and cultivate talents
- Organize cultural activities such as performances, exhibitions, salons, lectures, etc. to provide an exchange and learning platform, and to promote the development and exchange of the arts and cultural industries.
- Recording of audiovisual contents to convey core messages and cultural values to the public
- Frequent communication and cooperation with schools and cultural institutions to promote the development of educational and cultural undertakings



Goal to be achieved/problem to be improved

- Increase social awareness and participation in the SDGs
- Promote the application of problem-based learning and teaching model innovation
- Promote diverse learning experiences and expressions in education
- Promote the sustainable development of arts and cultural industries and cultivating relevant talents
- Cultivate creative talents and improve their humanistic attainments



Our strategy

- Actively engage in sustainable education and integrate the SDGs into practical actions and teaching
- Support and promote innovative education, including problem-based learning and diverse learning experiences
- Promote the development of arts and cultural industries and improve humanistic attainments by organizing various cultural activities
- Collaborate with professional organizations to foster and support the growth and development of creative talent
- Widespread publicity and promotion to raise social awareness and participation in sustainable development and cultural undertakings



Our role

- Social promoters and leaders, dedicated to promoting social responsibility and sustainable development in the fields of education and culture
- Sponsors and supporters, supporting the development of various innovative educational and cultural programs
- Educators and mentors, cultivating the public's concern and interest in sustainable development and humanistic attainments through activities and projects



Our actions

- Participate in various educational and cultural activities to demonstrate our commitment to sustainable development and cultural undertakings
- Encourage employees to participate in volunteer services and social welfare activities to promote the development and diffusion of positive energy in society
- Establish a platform for cross-sector collaboration and collaborate with businesses, academia, and non-profit organizations to jointly promote sustainable development and the development of cultural undertakings.
- Constantly assess and adjust our action plans to ensure their effectiveness and sustainability, and to respond to social and market needs and changes in a timely manner

6.1.1 Innovation Sustainable Education

Advantech Foundation has long been concerned about the innovation and development of education, encouraging the creation of a learner-centered learning model. Combined with Advantech's determination to maintain a sustainable earth, we promote sustainable education, and use the PBL learning model to pave the way for a better future for children, adolescents, and youth in Taiwan. The Company is committed to cultivating future talents through the promotion of various projects, including:

- **ACT Visionaries:** See "Project highlights" below for details.
- **ACT/BPL sustainable teachers and lesson plans:** Collaborate with relevant units to train seed teachers and compile lesson plans for free download from the Insane website. We help teachers and students to have a deeper understanding of SDGs issues and put them into practice through the PBL learning model, so that we can contribute to a better future together.
- **Sponsorship of high-quality sustainable education platforms:** In addition to supporting the team education projects of high-quality education teams such as Junyi Academy, Yingguang Education Association, and Chengzhi Education Foundation, we also sponsor schools in remote townships, such as Future Literacy Academy, to improve their reading skills.



Project highlight Taiwan "ACT Dreamer"

Since 2020, the foundation has invested in resources to organize the "ACT Dreamers" activity, introducing the PBL learning model, and "enabling children to deeply learn sustainability awareness through actions through creativity and collaboration" as the main spirit of the ACT Dreamers Program.

All elementary and junior high school students' proposals must be aligned with the United Nations' Sustainable Development Goals (SDGs), with the goal of developing the qualities expected of international citizens through project implementation. The course focuses on connecting with the real world, guiding students to find topics, design problems, plan action plans, collect data, establish decision-making actions, complete the process, and present learning outcomes, to empower children's growth.

We have deepened the project-based exploratory learning ability of Project-Based Learning (PBL) in the established system by adding dual empowerment courses for teachers and students, and also strengthening students' in-depth discussion of the United Nations Sustainable Development Goals, and implementing this in daily life issues. ACT Dreamers solicits Advantech employees to serve as industry mentors on campus, engaging in face-to-face discussions with students to impart practical knowledge and logic. This facilitates students discussing various issues in greater depth. The student organizations are dedicated to addressing a wide range of concerns, such as epidemic, health, ecology, local revitalization, education, and community service. The foundation aspires to foster sustainable action among students by encouraging them to develop concern for society and the capacity and initiative to resolve issues through this endeavor.






In 2023, in addition to promoting and participating in campus presentations at various schools, we held four inter-school presentation sessions at Advantech AIoT Co-Creation Campus. In addition, we co-hosted the annual large-scale "Sustainable Action for a Better Future! Annual Conference" with CommonWealth Education parenting family lifestyle magazine at Songshan Cultural and Creative Park. We invited 41 schools from across Taiwan to participate. The event revolved around three major sustainable themes: "sustainable environment," "humanistic care," and "local revitalization." We invited the Director from the Chi Po-lin Foundation, Chi Ting-Huan, Chairperson of the Plahan Care Labor Cooperative Society, Lin Yi-Ying, and founder of the Before Sunset Sweet Potato Farm, Lai Chia-Hua, to share their knowledge and engage in dialogue with students, assisting teachers and students in connecting their projects to the real world.



ACT inter-school presentation session - elementary school guided visits.



ACT inter-school presentation session.

Linked SDG	Driving force	Theme	Business effectiveness and performance	Social/environmental impact and performance
  	<ul style="list-style-type: none"> Support diverse and innovative education, improve learning effectiveness, and encourage the implementation of a learner-centered education model. Cultivate global citizens with sustainable earth awareness for Taiwan. 	<p>Promote sustainable education and organize "ACT Dreamers"</p> <p>Sponsoring quality sustainable education platforms</p>	<p>With Sustainable Earth as the premise, we help teachers and students understand the United Nations Sustainable Development Goals and implement them in their daily lives. Through the process of dream generation and practice, we develop multiple abilities such as electronic innovation, creativity, practical ability, and teamwork.</p> <p>Advantech encourages innovative actions and supports innovative education by sponsoring quality education platforms with actual funds to nourish Taiwan's education and cultivate global citizens who are flexible in the use of knowledge.</p>	<ul style="list-style-type: none"> Sponsored 33 elementary and junior high schools to implement the ACT Dreamer project and facilitated over 40 presentations in school. We sponsored the PBL study group, and more than 30 professionals from the education sector visited the U.S. for a week. Held 4 cross-school sharing sessions with over 400 teachers, students and parents participating Held a large-scale annual education conference, with more than 800 people participating in the morning and afternoon sessions. Published three articles on the promotion of the implementation of sustainability through PBL on Education parenting family lifestyle, with over 75,000 page views The foundation has invested more than NT\$8.87 million. <hr/> <ul style="list-style-type: none"> The Company sponsored and cooperated with Junyi Academy to promote the "PBL Teaching Impact Promotion Program" and set up a special section to share PBL teaching resources, making them free for educators to use. We sponsored Yingguang Education Association to promote the "ESD and PBL Model Schools and Teacher Training Program". In 2023, we assisted over 90 elementary, junior and senior high schools in over 570 school attendance sessions. The Company sponsored the Pley School "Sustainable Education Annual Games", which was attended by 194 teachers and affected 5,813 students across Taiwan. Sponsored the 2023 "DFC Challenge Sharing Season" of Taiwan's Childhood Creative Action Council (DFC). Support the DFC Taiwanese team of to participate in the 2023 DFC Children's Summit in India, sharing stories about children's creative challenges in Taiwan and engaging with children around the world. A total of nearly NT\$4 million was invested in sponsorships.

6.1.2 Mutual Prosperity of Arts and Industries

Inheriting and Developing Traditional Culture and Art Education

Promote arts and culture, and create a co-prosperous society with the arts

- The Company supported performing arts groups by organizing the "Art Salon" and sponsoring a number of high-quality Taiwanese performing arts teams.
- Produce and broadcast the "Easy Listening to Arts and Culture" podcast in which artists, curators, authors, and performers are invited to introduce performances, new books, movies, exhibitions, or cultural activities.
- We promote interdisciplinary art, hold diverse exhibitions at Advantech galleries, and host Advantech Junior Painting Competitions.

Sponsorship for the revival of traditional culture

- Support the cultivation of creative talent at top academies: Support the Triennial Musical Theatre Elite Talent Development Program of the Graduate Institute of Performing Arts, National Taiwan Normal University.
- **Sponsorships for the National Taiwan Academy of Traditional Chinese Opera:** Since 2015, Advantech has continuously supported the National Taiwan Academy of Traditional Chinese Opera by sponsoring the Department of Folk Arts' graduation performances and the Peking Opera troupe and aerobic troupe to advance their skills. The goal is to expand the stage for students engaged in traditional arts and culture to perform and increase the visibility of traditional opera. To encourage students with outstanding skills to persevere in learning, the Company sponsored the Department of Folk Arts to establish the "Advantech ABLE Elite Award" art scholarship to commend outstanding students.
- **Youth Talent Cultivation Program of GuoGuang Opera Company:** To ease the talent gap for Peking Opera, key training programs are provided for potential young talents. From among the official GuoGuang Opera Company members, youth reserve members, and Taiwan Academy of Traditional Arts students, we target, recruit, and nurture new talents.



Driving force	Theme	Business effectiveness and performance	Social/environmental impact and performance
Inherit and carry forward traditional culture and art education, and promote the cultivation and succession of young talents.	Youth Development Project of National Taiwan Academy of Traditional Chinese Opera	Actively interacting with the school by inviting Advantech various internal and external events to increase the visibility of traditional art performances and encourage stakeholders (including employees and customers) to actively enjoy them.	<ul style="list-style-type: none"> [Advantech ABLE Elite Award] A total of 12 people won the arts scholarship. Sponsor the performances of the Peking Opera troupe and aerobatic troupe. Total sponsorship funds exceed NT\$1.25 million.
	Youth Talent Cultivation Program of GuoGuang Opera Company	Through the inheritance and performance of traditional classics, combined with the cultivation of key talents, we aim to comprehensively improve the performance of young performers and promote the development of professional opera talents and the coexistence and co-prosperity of the performing arts market.	<ul style="list-style-type: none"> A total of 380 performances and promotional activities have been held in 2023, with classic repertoires passed down from the teaching staff. Cultivated 15 young talents (including actors, container managers, and technicians) to learn and pay it forward, and played the leading roles in a series of annual performances to demonstrate their skills, and act as important staff to assist in the performances. Annual sponsorship funds exceed NT\$2.5 million.
Promote the development of the arts and cultural industries, support and encourage high-quality arts and cultural groups to perform, train cultural readers, and promote aesthetic literacy education for the entire population.	Promotion of diverse arts and cultures	<ul style="list-style-type: none"> Provide funds, publicity, and audiences through multiple channels at the same time. Promote art culture and aesthetics education internally, and foster professional teams and cultivate art talents externally. Improve the overall cultural quality of society with the participation of corporate stakeholders. Create a high-quality participation experience, enhance the interest and accomplishment of the stakeholders in art, and simultaneously promote the development of the domestic art industry to create a win-win situation for the art industry. 	<ul style="list-style-type: none"> Supported arts and cultural groups for over 130 performances. Brought over 5,500 seats of audience into the theater for the performance. Produced and broadcasted 30 podcast episodes on topics including 19 productions, 4 films, 2 books, and other various large-scale cultural events, which were listened to by more than 30,233 people. Sponsored the "Planting a Note Project". Sponsored the "Musical Theatre Talent Cultivation Program" of the Graduate School of Performing Arts, National Taiwan Normal University; facilitated cross-field collaboration with over 100 students. Sponsored the FOCASA International Circus Festival and gathered 30 circus groups from 8 countries to perform in Taiwan. The event attracted more than 80,000 people to watch the various performances. Two exhibitions held at Advantech's galleries, invited the famous puppeteer and photographer, Xu Pei-Hong, at Yanhua Art Gallery. Invested over NT\$7.38 million.

Support Potential Sports Players and Sponsor Training Equipment and Related Funds

In recent years, sports have continued to achieve good results in international events, and the national athletes have also expressed their hope to nurture the new generation with their own experience and skills. Chuang Chih-Yuan founded a table tennis hall, and Rendy Lu Yen-Hsun founded a tennis school. Advantech is willing to sponsor potential athletes to cultivate future national championships and drive employees to gain a better understanding of national sports events and activities.

Driving force	Theme	Business effectiveness and performance	Social/environmental impact and performance
Help sports players become competitive in international competitions	National athletics inheritance plan	Advantech sponsors promising athletes in various sports. Advantech selects potential athletes with exceptional skills and sportsmanship, and experienced national athletes are invited to share their training experience and morality in order to nurture future national athletes and encourage employees to participate in various sports.	Sponsored the training expenses of five young athletes in hurdles, judo, wrestling, baseball, and basketball, with a total investment of over NT\$1.77 million. (Please refer to the attachment for the match record)

6.1.3 Advantech Global Project Highlight

"Turkey-Syria earthquake, Advantech Employees Donate to Long-term Reconstruction"

The catastrophic Turkey-Syria earthquake of 2023 resulted in the loss of life for millions more, including 53,000 in Turkey and 6,000 in Syria, causing millions more people homeless. Advantech quickly launched a global donation initiative with the spirit of altruism and launched a 1:1 match donation event. A total of 431 colleagues participated in the donation, and the total amount of donations from headquarters was up to NT\$10 million.

To put the donations to good use, Advantech joined forces with the nonprofit organization Mustard Seeds in Taiwan and Medair, a local partner in disaster areas, to begin emergency rescue operations and continue with long-term reconstruction work. The disaster-hit areas benefited from this donation: Turkey: Gaziantep, Hatay, Kahramanmaraş, and Adiyaman; Syria: Aleppo, Hama, and Idlib. Charitable funds were used as follows:



Emergency evacuation kits
Distributed to 1,520 households (approximately 5,330 people) in Syria



Emergency relief fund
Distributed to 154 households (approximately 770 people) in Turkey



Evacuation shelter
Construction of a medium-to-long term evacuation shelter in the Syrian area that can accommodate 20 households with a total of 80 people







Clean drinking water and sanitation facilities
Provided clean water in Aleppo, Syria, benefitting 1,000 people



Health assistance and psychological support
Provided services in Turkey and Syria, a total of 3,265 people



Overall service outcome
Served 1,694 households and 10,445 people in Turkey and Syria


Syria and Turkey Disaster Relief Project in response to SDGs	
	Provision of material support and emergency financial subsidies
	Emergency financial subsidies are provided to help with food needs
	Meet the health needs of disaster victims through medical equipment support, assistive device support, extended medical center service hours, and mental health services.
	Starting from the day of the earthquake, water truck service was provided in Aleppo, Syria, to meet the water demand of the disaster victims (15 liters of water per person per day according to the World Health Organization).
	Expand partnerships and connect enterprises with Medair, the overseas rescue organization for international disaster rescue and reconstruction cooperation.

Advantech USA and Advantech Europe also initiated donations to support post-disaster reconstruction. For example, Advantech Europe employees participated in a donation to support Giro555, a credible local non-profit organization. The funds will be used for long-term community reconstruction and the procurement of relief and reconstruction materials in Turkey, facilitating the promotion of the local economy. Advantech USA also supported three international charitable organizations, Molhamteam, World Vision, and Give2Asia, through donations made by employees to rebuild the disaster areas with diverse rescue services.

Advantech Taiwan's "Altruism Scholarship"

The foundation established the "Hsinchu/Miaoli Rural Care Scholarship" in the Hsinchu-Miaoli region in 2013, which has now been in operation for over ten years. It mainly targets financially disadvantaged students with excellent performance in elementary and junior high schools in the Hsinchu-Miaoli region. School teachers nominate and commend students based on their overall performance in school ethics, academics, etc. In 2023, the program was renamed the "Altruism Scholarship" and continues to be distributed to disadvantaged students or students experiencing family changes. In addition to praising students with outstanding moral and academic achievements, we also encourage students to have the courage to develop in various fields. Our interests and talents become the key to unlocking life-changing opportunities. In addition, the scholarship is also used to strengthen the bonds between the teachers and the students. Through the guidance of teachers, the seed of goodness is planted in the hearts of the students, and they are grateful for the blessings.

學生反饋單	
縣市	苗栗縣
班級座號	
獲獎名稱	學業成績優良
<p>恭喜你，因為自己的努力獲得獎項，能參與在你的成就之中，我們也覺得與有榮焉，期待獎助學金能夠鼓勵你，繼續在這個領域中努力與成長，「順著喜歡的路走，一定會找到光！」也期待將來的你，能以自己的方式，延續這份愛與關懷。如果你有什麼想說的話，歡迎寫在下方，祝福你！</p> <p>家裡爸爸是一位農夫，媽媽在科技公司當作業員生活入不敷出，我有補習班的學費，一個月差不多就3500了，還有甲班的學費、講義費用我都不太敢開口和爸媽拿錢到學校交，因為我知道他們賺錢很辛苦。</p> <p>我在學校，雖然成績不是最好的，但是我上課都認真聽課，作業按時交，成績保持在中上的水準。擔任幹部和小老師盡心盡力，是班上的模範生，也是本班的禮儀小天使，我希望能夠做到最好。</p> <p>謝謝研華基金會的這筆獎助學金，我將利用這筆獎助學金繼續勤奮努力，將來有能力能回饋社會，謝謝您！</p> <p>平常除了課業，我也很喜歡運動，跑步是我的強項，這個能力應該歸功於我每天騎腳踏車上下學，無論刮風或下雨我都堅持靠自己的雙腳踏著踏板來學校，因為我覺得鍛鍊體魄也是我的功課，將來我也會靠自己的能力賺很多的錢。</p>	

研華利他獎助學金	
學生反饋單	
縣市	苗栗縣
班級座號	
獲獎名稱	研華利他獎助學金
<p>恭喜你，因為自己的努力獲得獎項，能參與在你的成就之中，我們也覺得與有榮焉，期待獎助學金能夠鼓勵你，繼續在這個領域中努力與成長，「順著喜歡的路走，一定會找到光！」也期待將來的你，能以自己的方式，延續這份愛與關懷。如果你有什麼想說的話，歡迎寫在下方，祝福你！</p> <p>感謝資助我的各位好心人，使我不好的家境多了一份維持下去的力量，更感謝建立這個獎助學金的人，讓更多孩子能夠讀書，能夠開闊視野，在此祝各位心想事成。</p> 	

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學生反饋單	
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<p>恭喜你，因為自己的努力獲得獎項，能參與在你的成就之中，我們也覺得與有榮焉，期待獎助學金能夠鼓勵你，繼續在這個領域中努力與成長，「順著喜歡的路走，一定會找到光！」也期待將來的你，能以自己的方式，延續這份愛與關懷。如果你有什麼想說的話，歡迎寫在下方，如果沒有任何想說的也沒關係，祝福你囉！</p> <p>感謝您提供助學金給我和我姊姊還在讀書家裡只有爸爸一個人工作，爸爸的薪水不高而且都是凌晨睡到下午二點才睡我一定會好好讀書我也會把不擅長的國文多加油！你的助學金真的幫我一個人忙，如果長大有錢我也會把錢給弱勢學生把愛傳下去。</p>	

Advantech China's "Western Sunflower High School Student Assistance Program"

The Advantech China Foundation has been providing scholarships to high school students from rural areas since 2011, and this year has entered its 12th year. 203 Advantech employees have sponsored the financial aid program, covering Shanyang County in Shaanxi Province, Huangnan Tibetan Autonomous Prefecture in Qinghai Province, and Zhangjiachuan No. 1 Senior High School in Gansu Province. 100+ people have participated in the home visit activity for underprivileged students, receiving a total of RMB 439,170 in financial assistance over the past 12 years.

The sunflower is a flower that symbolizes light, symbolizing hope and faith. The main purpose of the event is to encourage impoverished high school students in western rural areas with outstanding performance in both morals and academics to persist in completing high school and entering universities with the material and spiritual help of Advantech sponsors, and to change themselves and their families through their own hard work.

Annually, Advantech volunteers conduct home visits in rural areas, where they bear witness to the plight and aspirations of children who, owing to impoverished conditions in the deep mountains, are on the verge of abandoning their education. They offer these children encouragement and care. In addition to subsidizing living expenses, we also correspond with the children every year to support and help them solve their life problems. For example: Since 2019 when Shanghai Gem Foundation acted as a consultant, it has led 10 volunteers internally recruited by Advantech to every poverty-stricken counties in western China. We conduct interviews with students residing in rural areas, engage in on-site communication with school leaders, organize data, and recruit volunteers. 21 students were granted a three-year living allowance in 2023, for a cumulative sum of RMB 44,100. Moving forward, we aim to broaden our scope by incorporating second-hand computer donations and book donations, thereby enabling a greater number of Advantech colleagues to partake.



Advantech Japan's "Future Data Scientist - Programming Course for Elementary and Junior High School Students"

Since 2022, Advantech Japan has been partnering with the Nogata City Government in Fukuoka Prefecture and student clubs from two universities in Kyushu and Fukuoka to organize programming camps for elementary and junior high school students in both summer and winter seasons. GLEAP (the main member of this club, officially established GLEAP Co., Ltd. in April 2023, becoming Advantech Japan's AI software development partner) co-organize programming camps for elementary and junior high school students. Before each three-day event, Advantech's Business Development team and GLEAP Co., Ltd. participants discussed the topic of the course. Advantech's outstanding product performance and easy-to-understand programming languages made the app camps popular among schools and parents in the Nogata City. It also sparked the curiosity of many elementary and junior high school students about IoT.

In 2024, instead of renting a separate venue, the summer and winter programming camps will be held at Advantech's Nogata Campus in Japan. The curriculum design has also evolved beyond simply introducing product performance and programming languages over the past two years. It now includes more industry knowledge related to AI and IoT, as well as practical demonstrations of integrated hardware and software IoT solutions. The aim is to help elementary and junior high school students better understand the application of the IoT in their daily lives.



GLEAP Co., Ltd. Formally incorporated as Advantech Japan's AI program development partner



2023 Summer program camp



Advantech Europe's "Sponsoring PizzAut"

There are more than 600,000 people with autism in Italy, including children, youth and adults. Due to the social atmosphere, they are often neglected and forgotten, thus difficult for them to get employed. In 2023, Advantech Europe's Italy office collaborated for the second time with PizzAut, a local organization that focuses on autism issues.

PizzAut in Cassina de' Pecchi, Milan, Italy is more than a pizza restaurant. It is a laboratory of social inclusion, providing physical training and job opportunities for people with autism, and helping to build dignity as an association and organization. We help autistic patients reintegrate into society through three major areas: "AutAcademy," "PizzAut Restaurant," and "Autonomia Gym."

- **AutAcademy:** AutAcademy provides professional training for children with autism and respects everyone's time and ability. Achieve work autonomy by learning a life skill.
- **PizzAut:** PizzAut is entirely managed by people with autism and provides them with the possibility of job placement. A more inclusive environment for society.
- **Autonomia Gym:** Help autistic children become familiar with daily home management methods, understand how to organize their environment, train independent living, and avoid entering institutions.

By supporting the PizzAut project, we hope to provide more power for all people living with autism, and to allow the employees of Advantech's European offices in Italy to work together to create a more diverse and inclusive society.

ADVANTECH

PizzAut
NUTRIAMO L'INCLUSIONE

**Together
to nourish
the inclusion**



Advantech North America's "A4C Program"

Advantech for the Community (A4C) was established to give back to the local community and to collaborate with charitable organizations and foundations that are of special significance to Advantech. Since Advantech USA launched the A4C (Advantech for the Community) program in 2021, we have encouraged employee proposals and led the use of funds and activity arrangements through the A4C Committee. This series of activities is expected to give back to the community, strengthen the connection between the community and employees, improve employee morale, and further expand the influence to the employees' relatives, friends, and partners.

In 2023, in addition to continuing the collaboration with the Red Cross for blood donation activities, various advocacy activities were undertaken. These included participation in beach cleanup days to maintain environmental sustainability, and collaboration with children's hospitals to support and provide resources for children's medical care. Efforts were made to assist hospitals in promoting and fundraising. Units collaborated with included CHOC (Children's Health of Orange County) in California, St. Jude Children's Hospital, and Cincinnati's Children's Hospital.

In addition to the social benefits that we have focused on and invested in the past, we have two new initiatives for 2023. One is to collaborate with the Ronald McDonald House Charity to provide free accommodation, meals, and transportation subsidies to more families of children receiving treatment away from home; the other is to collaborate with the Arboretum Foundation, which is committed to supporting tree planting charity programs across the United States.

A4C is also actively involved in a variety of local causes, including supporting animal welfare, Habitat for Humanity (building and improving housing), Girls Inc. (empowering girls through leadership programs), and Casey Cares (supporting families with children with critical illnesses). A4C is constantly expanding its activities and initiatives to build a warmer and altruistic community.



6.2 IoT Education and Industry-Academia Co-Creation

The enterprise IoT market will continue to grow in the next five years, and will reach US\$525 billion by 2027. By this time, there will be a global talent gap of more than 10 million people in the IoT industry. Advantech, as an international benchmark company in industrial computers and IoT, sees IoT talent cultivation as a key focus for corporate competitiveness and corporate sustainability. Therefore, with the vision of popularizing and deepening IoT education, we promote three major themes and five learning projects to cultivate IoT talents.

Item	Explanation		
Materiality	With the vision of popularizing and deepening IoT education, we have implemented various industry-academia projects. Achieve universal IoT education, IoT project-based learning and innovation, IoT career exploration, IoT research, and long-term collaborations to bridge the industry-academia gap and cultivate the next generation of IoT talent and innovation.		
Policy or commitment	Collaborate with the academic community to co-create the value chain and promote the industrialization and marketization of R&D achievements. Create a cross-field talent pool for IoT, bridge the gap between learning and application, and promote a win-win situation between industry and academia.		
Impact description	<p>This issue has a positive impact on society, including stakeholders such as universities, colleges, and students. Positive impact helps the industry to cultivate young talents, promote industrial innovation and R&D, and develop the achievements of industry-academia collaboration with commercial value. IoT education has a long-lasting impact. Advantech's IoT online teaching materials have been popularized, expanded through branch offices in countries/regions, and implemented through industry-academia collaboration. Link external ideas with internal industry practices, establish a model for IoT education, and enhance the availability of IoT talent.</p> <p>Without active management, the negative impacts to the Company include: 1) a decline in brand influence, and 2) the inability to cultivate talents for the IoT industry. Therefore, Advantech actively promotes IoT education through the following specific strategies:</p> <ol style="list-style-type: none"> 1. Declining brand influence: As a leading brand in the global IoT industry, Advantech has a social responsibility to promote widespread adoption in the industry. If the brand influence is reduced, Innworks is expected to connect more colleges and universities for physical promotion, and strengthen the connection with Advantech Elite intern training program. 2. Due to the inability to cultivate talents for the IoT industry, Advantech actively promotes IoT education through the following specific strategies <ul style="list-style-type: none"> • With the resources of a leading brand in the IoT field, the vision is to "promote and enhance IoT education." Various IoT industry-academia collaboration projects are actively promoted, focusing on the development of "three major themes and five learning projects" to cultivate IoT talents and narrow the gap between industry and academia. • Through the value chain management of "Co-Creation," the academia, Advantech internal employees, and industrial ecosystem partners create applications and solutions together, which will benefit external industries and stakeholders with Advantech's core capabilities and resources and create positive sustainability influence. 		
2023 goals achievement status	2023 Goals		2023 Results
	IoT Education for All	<ul style="list-style-type: none"> • 35 students joined the Elite100 internship program • 12 cases in participating IoT education projects or collaborations with university courses 	<ul style="list-style-type: none"> • 59 students participated in the Elite internship program, producing more than 30 project outcomes, and 21 students stayed on after the summer to continue their internship. • Participated in 7 nurturing education projects or collaborations with university courses.
	Alignment of learning with practical applications	<ul style="list-style-type: none"> • Promoted 3 campus IoT application projects • 7 Industry-academia collaboration projects 	<ul style="list-style-type: none"> • A total of 7 innovative projects have been promoted, including the application of drone management, industrial energy saving, and campus map guide. • A total of 8 industry-academia projects have been implemented, covering IoT Security, Industrial AI Application, and Thermal Solution, with 62.5% of the projects promoting industrialization. Four industry-academia interns were recruited, and the industry-academia projects were integrated with the corporate scenario to enhance industry-academia integration. • Implemented Advantech's WISE-IoTSuite for digital campus management. In the first year, the integration, visualization, and analysis of school affairs, ESG indicators, and energy consumption data were completed to improve the efficiency of campus management.
	Open innovation	<ul style="list-style-type: none"> • Innworks coverage: 640 students from 7 countries 	<ul style="list-style-type: none"> • 856 students from 7 countries

<p>2024 Goals</p>	<p>IoT Education for All</p> <ul style="list-style-type: none"> 60 students joined the Elite100 internship program Established 10 cooperative courses with universities with a total enrollment of 300 students Up to 10 sets of professional courses of IoT are provided online. 	<p>Alignment of learning with practical applications</p> <ul style="list-style-type: none"> Supported the development of campus innovative IoT applications up to 3 cases Industry-academia co-creation R&D Topic, with a goal of 8 projects 50% of the annual R&D results can be submitted for papers and intellectual property Establish a new external technology co-creation cooperation topic (Extended TSU) <p>Open innovation</p> <ul style="list-style-type: none"> 31 schools from 9 countries, 170 teams and 680 students participated
<p>2025 Goals</p>	<p>Universal education & open innovation</p> <ul style="list-style-type: none"> UCC expansion/Innoworks launched in 12 Region Business Units Co-create at least 3 sets of AIoT Lab teaching cases with RBU partners Over 1,000 students have been trained and certified 	<p>Alignment of learning with practical applications</p> <ul style="list-style-type: none"> Industry-academia co-creation R&D themes x 8; continuation themes > 30% Internalize the R&D results into Advantech technology modules and enter the productization process; propose papers and intellectual property rights for 60% of the time Established a total of three Extended TSU technology spindles
<p>2030 Goals</p>	<p>Universal education & open innovation</p> <ul style="list-style-type: none"> RBU partners have created a total of 10 AIoT Lab teaching cases Over 5,000 students have been trained and certified 	<p>Alignment of learning with practical applications</p> <ul style="list-style-type: none"> Industry-academia research projects about 5-8 cases per year; more than 20 cases from 2022 to 2025 The total number of productized processes, derivative IPs, and papers for industry-academia collaborations has reached 30
<p>Key actions or programs</p>	<p>IoT Education for All</p> <ul style="list-style-type: none"> Based on Innoworks, establish with HR the mechanism and practice of introducing interns, and actively promote them in domestic and overseas universities Support regional offices to establish a local UCC operation mechanism with resources such as AIoT Lab, course modules, and Innoworks <p>Alignment of learning with practical applications</p> <ul style="list-style-type: none"> Establish comprehensive propositions and project management practices, and confirm industry-academia issues through high-level strategic orientation to respond to Advantech's technology development roadmap for the next 2-3 years Actively promote the digital campus application of the platform, and establish digital campus application templates with National Yang Ming Chiao Tung University as the indicator 	<p>Open innovation</p> <ul style="list-style-type: none"> Expand the lasting effect after the event, and strengthen the collaboration between Advantech and the university through mechanisms such as student internship program, campus ambassadors, and outreach sponsorships. Advantech industry partners are invited to participate in the Innoworks activities as industry experts, providing students with practical experience and advice from the industry, thereby bridging the industry-academia gap. Advantech provides industry resources and practical field data to support students' advanced development. Focusing on sustainability issues, we actively respond to the ESG actions and plans advocated by governments, schools, and industries around the world to expand our influence.
<p>Effectiveness assessment</p>	<ul style="list-style-type: none"> Since IoT education is one of the three main axes of Advantech Cultural and Educational Foundation, Advantech collaborates with industry partners to advance the public good through the widespread adoption of IoT. The organization furnishes financial backing and employs the knowledge of its directors, the majority of whom are senior professors from academic institutions, to assess the efficacy of this methodology and supervise the advancement and trajectory of the initiatives. Regularly hold internal and external meetings to review the gap between the research direction and internal needs, and to promote the progress and benefits of thematic development. Fill out the feedback form for teachers and students who participated in the project In 2024, we launched the SROI project with external consultants to gain an in-depth understanding of Innoworks' internal influence and produce corresponding management indicators. 	
<p>Stakeholder engagement</p>	<ul style="list-style-type: none"> Partners Universities and research institutions 	

***Note:** In 2023, 7 of the 12 curriculum collaboration goals originally set were achieved. The reasons for not meeting the goals are as follows:

Advantech promotes IoT education at branch offices around the world. Due to the differences in industry development progress in different countries, there are differences in the cognition and understanding of IoT concepts. Therefore, multiple approaches are needed. In the second half of 2023, the direction of promotion will be adjusted, and the breadth and depth of cooperation will be carried out in conjunction with other industry-academia projects to gradually expand Advantech's campus influence in the field of IoT.

- Breadth: Actively promote the concepts and applications of IoT on campus through IoT-themed lectures and ecosystem partner conferences (one industry-academia ecosystem partner conference with nearly 200 participants, and two IoT-themed campus lectures) to expand influence to the public.
- Depth: Continue to collaborate with key teachers to develop IoT-related courses and teaching materials to shorten the learning gap and achieve better teaching outcomes.

6.2.1 Industry-Academia Co-Creation

★ Practice integration: Promote the co-creation ecosystem to foster industry growth and employment opportunities

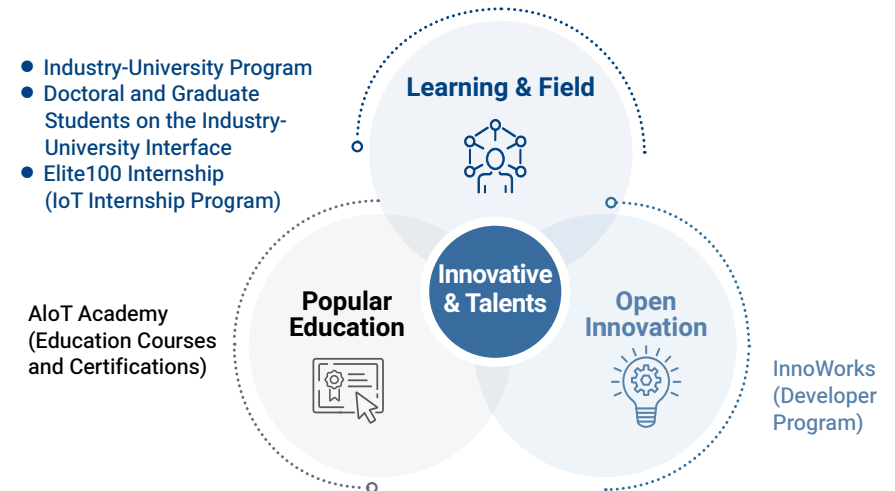
- University co-creation Industry-academia project (see Chapter 3 for details)
- Industry-academia-Master's-PhD (see Chapter 3 for details)
- IoT career exploration: Elite 100 IoT Internship Program

The Elite100 Internship Program focuses on forward-looking issues in different application fields. Advantech instructors lead students through user scenario analysis and field interviews to understand actual needs and industry pain points, and then propose innovative concept designs.

- Advantech investing units: human resources, internal business units, Advantech Foundations
- Main beneficiaries: Students, schools
- External collaboration: Advantech partners provide field resources

Since the launch of the IoT Industry Internship Program in 2018, more than 100 students have participated in the program. Through mid-term and final results presentations, senior supervisors are invited to provide guidance and feedback to the students and gain valuable workplace experience; at the same time, over the years, the themes and projects generated by the interns were also promoted and implemented within Advantech.

In 2023, a total of 59 students in Taiwan participated in the Elite Internship Program, yielding over 30 project outcomes. 21 students continued their internship after the summer (two of them have turned full-time); in 2023, 30 interns in China were recruited, and 1 student stayed on and is expected to become a regular in July 2024.



- Event website: <https://intern.advantech.tw/>
- Internship life public: <https://www.facebook.com/AdvantechCareers/videos/1988021504881763>
- Event assembly: <https://www.facebook.com/AdvantechCareers/videos/700216665284195>
- Internship's Truth Talk - Yes or No: <https://www.facebook.com/AdvantechCareers/videos/264806509711180/>
- Internship's Truth Talk - Quickfire Q&A: <https://www.facebook.com/AdvantechCareers/videos/2647315042082134>



6.2.2 Innworks Global Developer Program



Project highlight NTUST Campus Seed Program

Internal investment units

Technical support departments, foundations, emerging business development departments

Main beneficiaries

Students, schools, and the general public interested in popularizing education through IoT

External collaboration

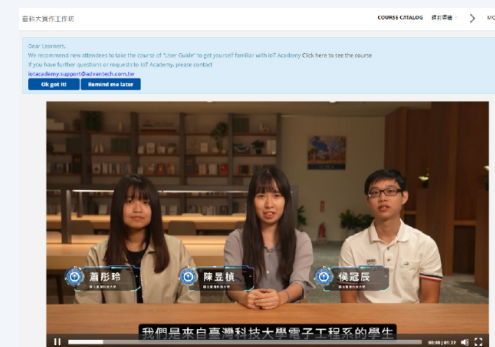
Experts and scholars in the field of IoT

Project description

Three students from the Department of Industrial Management, National Taiwan University of Science and Technology participated in the 2022 Innworks developer program competition. After the selection, the three students became Advantech's WISE-IoTSuite campus seeds to implement Advantech's WISE-IoTSuite campus promotion projects. Including: WISE-IoTSuite workshop, production of teaching video for the smart water dispenser project, and support the front-line studnets' technical questions and inquiries form Innworks.

Description of the smart water dispenser project

The ambassadors compiled and recorded a set of instructional videos based on the smart water dispenser project at NTUST. In this project, data such as water intake and temperature on campus were collected and an IoT system was built to monitor students' drinking water conditions with the WISE-IoT Suite data visualization tool, showcasing the applications on campus.



★ Open innovation: Guide students to cross-field co-creation to promote industrial innovation

Innworks Global Developer Program Competition

- **Mechanism:** AIoT Innworks is a project-based competition focused on IoT applications for students and developers around the world.. Based on Advantech's WISE-IoTSuite IoT cloud platform, the participants learn to develop innovative IoT application solutions in various industries and domains, as well as solve social and environmental problems challenge and get rich rewards. **Topics covered public health, solar and wind energy, smart agriculture, smart factories, smart campuses, and smart cities.**
- **Continuing development mechanism:**
 - Advantech recruited outstanding students to join Advantech Elite 100 internship program.
 - The participating students are invited to join Advantech's WISE-IoTSuite Campus Ambassador program to support the implementation of Advantech's WISE-IoTSuite collaboration projects on various campuses, serve as campus training workshop instructors, provide first line AIoT Innworks technical support, and answer advanced development questions in the technical forum.
 - We support the team in the continuous development of topics that are in line with Advantech's product development plans or have continual significance, and collaborate with Advantech's internal product departments to form industry-academia projects as needed.
- **Quantitative achievements:** Since its establishment in 2019, it is in its fifth year, **and a total of 74 schools from 8 countries have participated, including: Taiwan, China, Vietnam, Malaysia, Singapore, Brazil, Indonesia, South Korea and other countries. In 2023, a total of 850 students from 224 student teams from 7 countries participated.**


Project-based approach to learn & Innovate



Case study 1 |

China_Deepen Industry-academia collaboration to build China's Industry-academia ecosystem

Through the University-Industry Collaborative Education Program of Ministry of Education of the People's Republic of China, Advantech supported 9 universities in 2023 to implement IoT laboratories, teacher training, IoT courses, teaching materials, and IoT projects to popularize IoT technology and applications. Advantech provides free access to Advantech industrial cloud platforms, technical training, and technical support for colleges and universities teachers and students. During the collaboration between the two parties, Advantech leverages its hardware and software resources to help integrate teaching into the industry and provide a stage for students to implement IoT application development.

 [Reported on Advantech's industry-academia collaboration, and on Advantech x Nanjing Tech Forum](#)



Case study 2 |

South Korea signed an MOU with Inha University to launch medium and long-term cooperation projects with the goal of cultivating talents

Signed a memorandum of understanding with Inha University as the first step for Advantech to promote industry-academia collaboration projects in South Korea. In addition to the Innworks developer competition, two participating students were also recruited to serve as interns at Advantech Korea. The goal is to support Advantech Korea in WISE projects by building on the experience and technical power in IoT project development accumulated during the competition. In 2024, Inha University will expand the recruitment of students from non-technical backgrounds to participate in the activities, hoping to create a richer IoT competition with diverse backgrounds and majors.

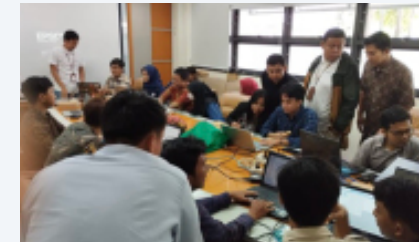
 [Report on the InnoWorks Developer Program competition in South Korea](#)



Case study 3 |

Indonesia_Proposal to work with industry partners to mentor students

Advantech Indonesia and its strategic partner Eforel have signed an industry-academia memorandum of understanding with the Institute of Technology and Engineering in Surabaya, Indonesia, to actively promote IoT education. Mentors from Advantech and Eforel provide students with industry-specific application development experience and guide students in project development from the business and technical aspects. In 2024, we will further expand the scope of the event to other regions in Indonesia and connect target schools to build an industrial ecosystem in Indonesia.



- **Student feedback:** Over 90% of the respondents agreed with the program and considered it helpful
 - Expand imagination of AIoT application scenarios
 - Evaluate and develop IoT projects based on IoT infrastructure and principles.
 - Cross-field combination of own expertise and the application of IoT technology



6.2.3 AIoT Academy Higher Education Courses and Certification



Project highlight AIoT Academy Higher Education Courses and Certification

Internal investment units

Technical support departments, foundations, emerging business development departments

Main beneficiaries

Students, schools, and the general public interested in popularizing education through IoT

External collaboration

Experts and scholars in the field of IoT

Project description

This project has invited Professor Chou Shuo-Yen, the director of the IoT Center at National Taiwan University of Science and Technology, to gather professors in the field to focus on the basics of IoT. Through the sharing of practical application experiences, the project aims to provide students with the core competencies needed for IoT-related practical skills and professional talent.



[IoT basic course landing page](#)

★ Universal education: bridging the gap between industry and academia, providing opportunities for summer internships → Long-term internship → Full-time extended training

IoT online learning platform [AIoT Academy higher education courses and certification]

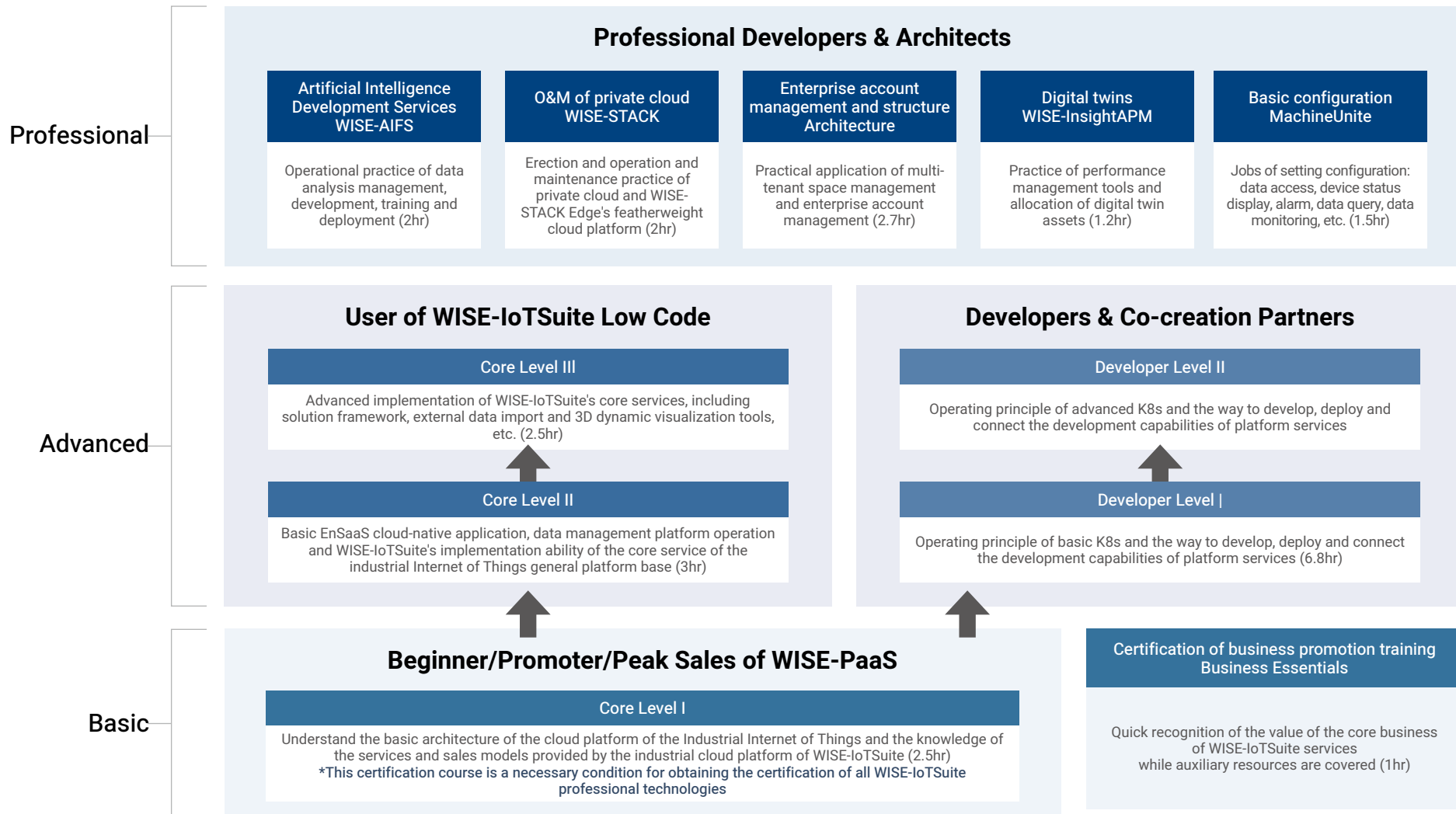
Advantech training and certification official website: <https://academy.advantech.com/>

As an online platform for global learners to develop cloud-related skills, Advantech provides free accounts, teaching, and user spaces to allow more learners to explore industrial cloud applications, including course consultation, technology transfer, co-teaching with industry teachers, and certification obtaining.

- From 2018 to 2023, we collaborated with more than 14 universities and universities of science and technology.
- From 2018 to 2023, 35 IoT internship courses were offered, covering a range of topics such as comprehensive smart manufacturing experiment courses, industrial APP development using WISE-IoTSuite, equipment and production line intelligent maintenance, industrial IoT, cloud data platforms, AI, and others. These courses combined theory with practical industry solutions and were taught by industry experts for 6 to 30 hours each.
- In 2021-2023, a total of more than 1000 technical certificates for WISE-IoT Suite were issued in campus collaboration.

Schools with which the program is offered	
Taiwan	National Taiwan University, 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
China	Nanjing University of Science and Technology, Henan University of Technology, National Dong Hwa University, Beijing University of Technology
Creation of IoT and software engineering teaching materials	
Taiwan	National Taiwan University of Science and Technology, Tunghai University
China	Nanjing University of Science and Technology, Henan University of Technology

Learning Path of WISE-IoTSuite's Certification Courses



Case study | China_Nanjing University of Science and Technology to build industry-academia benchmark

In 2023, Advantech and Nanjing University of Science and Technology cooperated to establish an Industrial IoT training base, which entered the operational phase. The collaboration focused on areas such as digital twin systems, edge computing, industrial big data, industrial mechanism models, digital twin and industrial apps. They developed a deep and diverse industry-academia cooperation model including jointly designed courses, lecture materials, practical projects, and graduation designs. So far, 2 sets of lecture materials have been produced, and more than 100 students have covered the IoT popularization course. In the future, we will also develop the possibility of bilateral cooperation in more aspects.

6.3 Summary of Foundation Achievements

In 2023, the Advantech Culture and Education Foundation spent NT\$46,326,563 on cultivating IoT talents, NT\$16,168,423 on promoting arts and culture, NT\$11,871,885 on sustainable education, and NT\$31,065,044 on public welfare and common good initiatives. The focus items are listed below:

Main focus IoT education and innovative talent cultivation

AIoT Innworks Developer Program

2023 results

- Invested more than NT\$11.74 million
- A total of 850 students from 34 schools in 7 countries participated, producing 224 themes



AIoT Academy higher education courses and certification

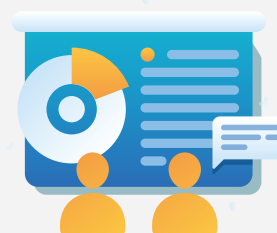
2023 results

- In 2021-2023, a total of more than 1000 technical certificates for WISE-IoT Suite were issued in campus collaboration
- From 2018 to 2023, 35 IoT internship courses were offered, covering a range of topics such as comprehensive smart manufacturing experiment courses, industrial APP development using WISE-IoTSuite, equipment and production line intelligent maintenance, industrial IoT, cloud data platforms, AI, and others. These courses combined theory with practical industry solutions and were taught by industry experts for 6 to 30 hours each
- Held 1 conference for industry-academia partners, with nearly 200 participants
- Held 2 campus lectures on the topic of IoT

Elite100 Internship

2023 results

- Invested more than NT\$8.06 million
- Produced 30 thematic surveys and plans
 - Recruited 59 interns in 2023; 21 students extended their internship after the summer vacation



Institute of Industry and Innovation/IoT Center, Yang Ming Chiao Tung University

2023 results

- Invested over NT\$10 million
- A total of 7 innovative projects have been promoted, including the application of drone management, industrial energy saving, and campus map guide
 - A total of 8 industry-academia projects have been implemented, covering IoT Security, Industrial AI Application, and Thermal Solution, with 62.5% of the projects promoting industrialization. Four industry-academia interns were recruited, and the industry-academia projects were integrated with the corporate scenario to deepen industry-academia integration
 - Introduced Advantech's WISE-IoTSuite for digital campus management. In the first year, the integration, visualization, and analysis of school affairs, ESG indicators, and energy consumption data were completed to improve the efficiency of campus management

2024 goals | Estimated investment: NT\$47.24 million

- **Innworks**
31 schools from 9 countries, 170 teams and 680 students participated
- **AIoT Academy**
 1. Established 10 cooperative courses with universities with a total enrollment of 300 students
 2. Up to 10 sets of professional courses of IoT are provided online
- **Elite100 Internship**
60 students joined the Elite100 Internship Program
- **Institute of Industry and Innovation/IoT Center, Yang Ming Chiao Tung University**
 1. Supported the development of campus innovative IoT applications up to 3 times
 2. Industry-academia co-creation R&D Topic, with a goal of 8 projects
 3. 50% of the annual R&D results can be submitted for papers and intellectual property (IP)
 4. Establish a new external technology co-creation cooperation topic (Extended TSU)

Main focus

Industry-research collaboration, corporate sponsorship

IoT innovation and entrepreneurship accelerated incubation platform

2023 results

Invested more than NT\$3.8 million

- Sponsored 2 important startups in Taiwan and invited 30 international startups to engage in industry exchanges in Taiwan; also arranged for 15 international startups to have industry exchanges with Advantech
- Advantech has collaborated with entrepreneurs and industry players, including SYSTEX and Chunghwa Telecom, to launch the "AIoT Co-Learning and Co-Creation Project." This initiative selects 13 IoT solution startups from a variety of industries, including smart logistics, smart healthcare, smart manufacturing, and smart environmental protection. The project consists of three workshops on entrepreneurship, innovation, and the IoT industry. It connects large enterprises' resources and experiences to innovative startup solutions, facilitates exchanges on IoT innovation business opportunities and models, and has resulted in 8 corporate meetings and 3 substantive collaborations



2024 goals | Estimated investment: NT\$3.8 million

- IoT innovation and entrepreneurship accelerated incubation platform
- Established a new entrepreneur, co-learning and co-creation mechanism, and collaborated with the Taipei Entrepreneur Co-Creation Platform to support 12 industrial IoT startups in the business, product and business growth.
- Co-create 2 product development proposals with internal partners
- Generated 2 proposals for Advantech's new business incubation

Main focus

Innovation and Sustainable Education Program

ACT Dreamer

2023 results

Invested more than NT\$8.87 million

- Sponsored 33 elementary and junior high schools to implement the ACT Dreamer project and facilitated over 40 presentations in school
- We sponsored the PBL study group, and more than 30 professionals from the education sector visited the U.S. for a week
- Held 4 cross-school sharing sessions with over 400 teachers, students and parents participating
- Held a large-scale annual education conference, with more than 800 people participating in the morning and afternoon sessions
- Published three articles on the promotion of the implementation of sustainability through PBL on Education parenting family lifestyle, with over 75,000 page views



2024 goals

- Expand the scope of participation in the ACT, increase the number of direct cooperative schools and partner schools, promote the application of PBL to the SDGs, organize cross-school sharing sessions and large-scale annual meetings to expand influence, and establish a replicable model based on the ACT's sustainable development theme
- Launched the three-year ACT community-based sustainability case study, introduced the SROI social impact assessment, measured influence, and promoted the sustainable education lesson plan sharing platform
- Invested more than NT\$9 million

Main focus

Inheritance and development of traditional arts

"Taiwan's Peking Opera Successors - Youth Talent Cultivation Program" by the GuoGuang Opera Company

2023 results

Invested more than NT\$2.5 million

- A total of 380 performances and promotional activities have been held in 2023, with classic repertoires passed down from the teaching staff
- Cultivated 15 young talents (including actors, container managers, and technicians) to learn and pay it forward, and played the leading roles in a series of annual performances to demonstrate their skills, and act as important staff to assist in the performances



2024 goals

Continue to support the youth talent cultivation program with an estimated investment of NT\$3 million

Talent Development Program of the National Taiwan College of Performing Arts

2023 results

Invested more than NT\$1.25 million

- **"Advantech ABLE Elite Award"**
 - A total of 12 people won the art scholarship
 - Sponsor the performances of the Peking Opera troupe and aerobatic troupe
- **"Hua Ching Scholarship"**
 - The "Hua Ching Scholarship" has been established at the National Taiwan College of Performing Arts. Students actively strive for awards based on their academic performance, and through bursaries, we encourage traditional Chinese opera students to continue their studies in their professional fields
 - A total of NT\$200,000 was awarded to select 6 top performing students



2024 goals

We continue to support and encourage outstanding students with scholarships, and sponsor the Peking Opera troupe and aerobatic troupe, with an estimated budget of NT\$3 million to be invested



Main focus

Enhancement of aesthetic attainments (arts, sports)

Support and encourage high-quality arts and cultural groups to perform performances, and promote aesthetics education for all

2023 results

Invested more than NT\$7.38 million

- Supported arts and cultural groups for over 130 performances
- Brought over 5,500 seats of audience into the theater for the performance
- Produced and broadcasted 30 episodes of podcasts, including 19 productions, 4 films, 2 books, and various large-scale cultural events, which were listened to by more than 30,233 people
- Sponsored the "Planting a Note Project"
- Sponsored the "Musical Theatre Talent Cultivation Program" of the Graduate School of Performing Arts, National Taiwan Normal University; facilitated cross-field collaboration with over 100 students
- Sponsored the FOCASA International Circus Festival and gathered 30 circus groups from 8 countries to perform in Taiwan. The event attracted more than 80,000 people to watch the various performances
- Two exhibitions held at Advantech's galleries, invited the famous puppeteer and photographer, Xu Pei-Hong, at Yanhua Art Gallery

2024 goals

Advantech plans to promote diverse arts and culture by sponsoring high-quality Taiwanese performances, promoting the podcast program "Easy Listening to Arts and Culture" to reach 40,000 listeners, organizing themed exhibitions, and collaborating with professional schools to cultivate creative talents and expand artistic horizons. Their goal is to engage 4,500 stakeholders in arts and culture activities and allocate over NT\$9 million for this purpose

Main focus

Cultivate athletes to become competitive in international competitions

Support sports activities and train young athletes

2023 results

More than NT\$1.1 million has been invested

- The Company sponsored the 2023 Taipei Technology Run - Earth Public Welfare Road Run and the broadcast of the Football World Cup. Around 200 people attended the races and encouraged the Company's stakeholders to participate. We also collaborated with Olympic gold medalist Kuo Hsing-Chun to support the 6 promising young sports athletes recommended by Kuo Hsing-Chun



2024 goals

- Continue to support the 5 promising young sports athletes recommended by Kuo Hsing-Chun, including judo, wrestling, track and field, baseball and hurdling
- Invested NT\$2.5 million

Main focus

Social enterprise innovation and cultivation

Sponsor the sustainable projects of innovative social enterprises.

2023 results

Invested more than NT\$4 million

- The Company sponsored and cooperated with the Junyi Academy to promote the "PBL Teaching Impact Promotion Program" and set up a special section to share PBL teaching resources, making them free for educators to use
- We sponsored Yingguang Education Association to promote the "ESD and PBL Model Schools and Teacher Training Program". In 2023, we assisted over 90 elementary, junior and senior high schools in over 570 school attendance sessions
- The Company sponsored the Pley School "Sustainable Education Annual Games", which was attended by 194 teachers and affected 5,813 students across Taiwan
- Sponsored the 2023 "DFC Challenge Sharing Season" of Taiwan's Childhood Creative Action Council (DFC). Support the DFC Taiwanese team of to participate in the 2023 DFC Children's Summit in India, sharing stories about children's creative challenges in Taiwan and engaging with children around the world

2024 goals

It is expected to invest NT\$4 million to continuously support educational organizations in investing in sustainable education to deepen Advantech's ESG strategic cooperation

Main focus

Charity and care

Advantech's Altruism Scholarship

2023 results

- In 2023, the original Hsinchu/Miaoli Rural Care Scholarship was renamed the "Altruism Scholarship" and will be awarded to disadvantaged students or students experiencing family changes. The goal is to inspire students to find the light in their lives in a variety of fields, to let their interests and talents guide them, and to change their lives for the better
- A total of NT\$2.1 million was awarded to 41 schools and over 1,000 students



2024 goals

In 2024, the scope of influence expanded from the Hsinchu and Miaoli areas to the Nantou area, and the total number of schools also increased from 42 to 80. By continuing to encourage students' diversified development, we let our interests become the key and open the door to turn our lives