

8.1 Social Involvement Overview

To achieve the common good for society, ASEH harnesses its power to stimulate positive social change, bringing about an increase in sustainable awareness and positive impacting behavioral change, skills development, and quality of life. Established as ASEH's highest level of organization for social involvement, the Corporate Sustainability Committee (CSC) is responsible for the planning, formulation, and implementation of social involvement policies and regulations, among which the "Public Affairs Engagement Policy"¹ is a set of guiding principles that provides foreign policy directions for all subsidiaries as well as support to organizations with similar ideologies as ASEH. Accordingly, ASEH has also established a supervision mechanism to evaluate the project performance of such foundations and social organizations to ensure that the investment of support and resources results in an actual impact.

ASEH conducts annual reviews to evaluate its campaigns and performance based on four development strategies—environmental conservation, industry-academia collaboration, community engagement and public advocacy. The CSC Social Involvement Taskforce is responsible for implementing social involvement policies at company facilities worldwide, evaluating the risks and opportunities, planning and organizing activities in public engagement. Each facility is responsible for the creation of local organization teams to plan and execute the programs in compliance with corporate policies and development goals.

ASEH adopts the LBG (London Benchmarking Group) framework and SROI (Social Return on Investment) model to measure the input, output and impact of social involvement activities, and conducts biannual performance reviews and reporting. For ASEH's social

engagement programs (conducted by the ASE Cultural and Education Foundation and the ASE Environmental Protection and Sustainability Foundation), we performed analyses of the social return on investment (SROI) and established a social investment performance evaluation system to optimize the evaluation of our social involvements and more effectively manage social engagement programs.

In 2023, we spent approximately US\$14.9 million on social involvement activities, representing 1.07%² of ASEH's pre-tax net profit. The distribution ratio is similar to that in 2022. Industry-academia collaboration on education continues to account for the largest portion of our spending as we continue to focus on research and development of innovative technologies. The second largest portion of our investments was allocated to the conservation and protection of the environment. To that end, we recorded more than 11,300 hours of volunteer service performed by over 3,600 volunteers.

The Social Investment Performance Evaluation System

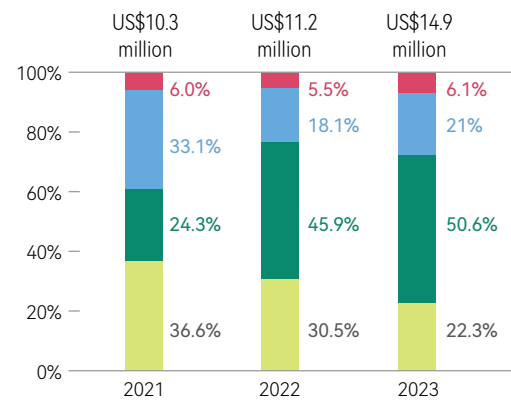


¹ ASEH Public Affairs Engagement Policy (https://www.aseglobal.com/en/pdf/aseh_public_affairs_policy.pdf)

² The 2023 pre-tax net profit was NT\$42,611.8 million (for more information, please refer to ASEH Form 20-F)

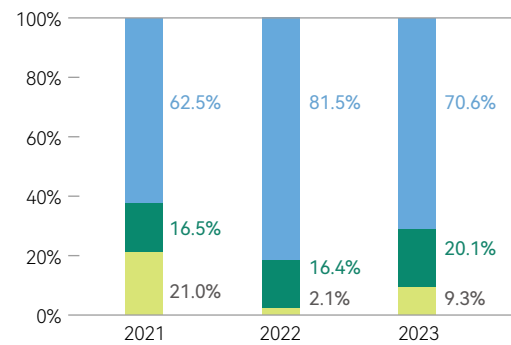
Distribution by Four Aspects

- Public Advocacy
- Community Engagement
- Industry-Academia Collaborations
- Environmental Conservation



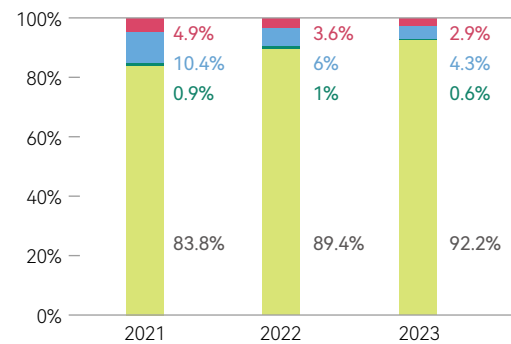
Distribution by Application

- Commercial Initiative
- Community Investments
- Charitable Donations



Type of Contribution

- Management Overheads
- In-kind Giving Cost
- Volunteer Cost
- Cash



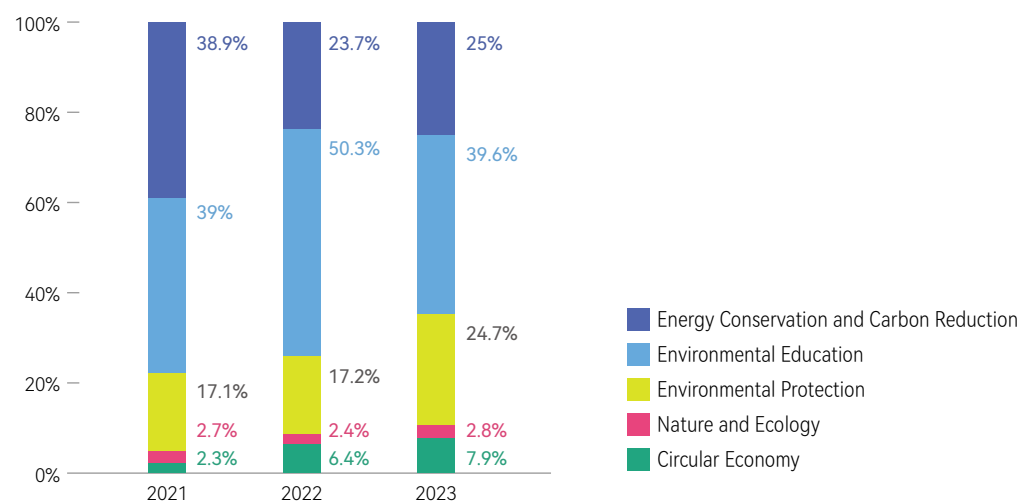
8.2 Environmental Conservation

To address the environmental impact caused by economic development and extreme weather, ASEH has designated the protection of the environment and public welfare as the cornerstones of our community engagement efforts. By bringing together local residents, government agencies, non-profit organizations, suppliers, customers and stakeholders to promote environmental projects, we aim to mitigate negative impacts and bring about positive developments. We remain committed to our 30-year goal (initiated in 2014) of investing a total of NT\$3 billion towards environmental initiatives in Taiwan, whereby we will donate NT\$100 million or more per year.

In 2023, to optimize resource utilization and deepen environmental sustainability efforts, NT\$ 100 million was allocated to the ASE Environmental Protection and Sustainability Foundation (EPSF) for environmental projects focused on 5 key areas; energy conservation and carbon reduction, nature and ecology, environmental education, circular economy, and environmental protection. To date, a total of 37 projects are executed.

For more details on the projects, please visit our official website at: <https://www.aseepsfund.org.tw/>

Use of Funds in Environmental Conservation



2023 Accomplishments of ECF Programs

Programs	Major Projects
Energy Conservation and Carbon Reduction	<ul style="list-style-type: none"> • Reforestation Project • Campus LED installation projects • Green Supply Chain Guidance Project • Forest Management and Carbon Sequestration Methodology Development Project
Environmental Education	<ul style="list-style-type: none"> • Funding for master's theses and doctoral dissertations on environmental protection issues • Proposal selection for the 'Smile Taiwan' creative teaching project • "Grandma Chang's Magical Castle," a children's illustrated book on the environment published by the ASE Foundation, and educational activities on circularity • Da Gang Elementary School, Taoyuan City Aquaponics Operation and Maintenance Project • Sustainable Environmental Education for All Ages: Building a Water Paradise Project • Promotion of environmental education through the exemplary model of the ASEH Recycling Facility, Nanzih Industrial Park • Journey towards a Circular City by transforming lifestyles through source reduction - a project by Kaohsiung City
Environmental Protection	<ul style="list-style-type: none"> • ASE guardians of the seas • Coastal or river conservation and restoration • Academic research projects on environment-related technologies • Design and development of Nanzih green parks • Sponsoring the International Environmental Protection Expo 'Smart City x Green Technology'
Nature & Ecology	<ul style="list-style-type: none"> • Conservation of endangered native species in Taiwan - chinese box turtle • Central Taiwan Science Park (Huwei Campus): Eco-forest Restoration Project • Dongguang Elementary School: Butterfly Educational Eco-park and Environmental Research Project
Circular Economy	<ul style="list-style-type: none"> • Supplier Sustainability Award

ASE Guardians of the Seas

ASEH is committed to UN SDG 14: life below water, to conserve and sustainably use the oceans, seas, and marine resources, and address the problem of the degradation of the marine environment. Beginning in 2021, the ASE EPSF collaborated with the Taoyuan City Government to execute a coastal and marine environment conservation project, aiming to remove 500 metric tons of marine litter between 2021 and 2023. From 2021 to 2022, we successfully removed 663 metric tons of litter, and in 2023, we cleared 310 metric tons, exceeding our targets.

In 2023, we expanded the marine conservation and beach cleanup project to 6 locations (the northeast coast, Green Island, Liugiu Island, Penghu, Orchid Island, and Kenting), rallying the local community and volunteers to conduct ocean and



ASE Guardians of the Seas

beach clean-up activities to remove trash from Taiwan's waters. On June 8, we held the 2023 ASE Ocean Day to clean up Fulong Beach, together with the National Police Agency (Ministry of the Interior), employees, DF Recycle and Foxwell Power (suppliers), Ming Chuan University, and community members (teachers and students from Fulong and Fulian Elementary Schools). The event attracted approximately 600 people. In tandem, an ocean clean-up drive was also conducted at 7 dive sites across the island, intensifying our efforts to protect Taiwan's seas. In 2023, we conducted 48 ocean cleanups and 36 beach cleanups, involving almost 1,945 participants and removing a total of 3.97 tons of marine and coastal litter.

We continue to encourage and invite members of the public and company employees to join our ocean clean-up diving team. In 2023, we trained 36 new divers, and conducted the first ecological dive training for 124 people, equipping them with more advanced marine conservation knowledge. Additionally, we mobilized more than 135 divers for our coral conservation efforts in Penghu to restore 540 corals and perform regular maintenance. To further protect the biodiversity of the marine environment, we launched a coral observation and monitoring project to record health data for the local coral beds.



Campus LED Installation Projects

The ASE Environmental Protection and Sustainability Foundation continued to promote campus LED light installation projects. By assisting elementary and junior high schools in rural areas and communities surrounding ASE facilities to replace fluorescent tubes and light bulbs with LED



Campus LED Installation Projects

lights, the projects help to protect the eyesight of schoolchildren. Since the project was first launched ten years ago, we have installed 161,261 LED tube lights in 155 schools in the Nantou and Kaohsiung areas. Over the years, the LED projects have helped schools to save 16,531,800 kWh of electricity and reduce 8,465 tCO₂e. LED lighting also helps to create a well-lit environment, in turn improving teaching quality and at the same time achieving energy conservation and carbon reduction.

	School	LED Lamps	Electricity saved annually (kWh)
2020	25	15,360	331,776
2021	17	17,260	372,816
2022	21	27,360	590,976
2023	26	25,000	540,000

Sustainable Environmental Education for All Ages: Building a Water Paradise Project

Since 2021, the ASE Environmental Protection and Sustainability Foundation has been collaborating with the Taoyuan City Government on a three-year project to promote aquatic environmental awareness and related activities. Under the project scope, there are 4 sub-plans covering the following. 1. Preschool Children's Environmental Learning Park. Upgrades and improvements were made to the infrastructure of the Xinwu Environmental Learning Park, that include environmental, food, and agricultural classes suitable for preschool children, elementary school students, and parent/child groups. Over the past three years, 638 environmental classes have been held, benefiting 108,839 participants. 2. Shimen Reservoir Educational Tour. Elementary school students from various districts of Taoyuan City went on educational tours of the Shimen Reservoir catchment areas and the surrounding ponds to help them understand the impact of climate change on Taiwan's water resources as well as the importance of resource recycling. Over the past three years, 250 environmental classes were held, benefiting 6,609 participants. 3. Satoumi Digital Learning. Teachers from the Satoumi College of marine science were provided comprehensive training as part of the environmental education for all age groups. To promote Satoumi ecological tourism, a website was created to promote the Taoyuan Eco Tours. Over the past three years, 57 coastal literacy workshops and ecotours (benefiting 2,897 participants), 30 master lectures and parent-child seminars (benefiting 1,989 participants), 7 marine education activities for young children (benefiting 59 participants), 2 marine science camps (benefiting 70 high school students), 3 coastal ecological docent elite classes (training 26 docents), and 55 coastal ecological tours for elementary and junior schools in Taoyuan City (benefiting 1,688 participants) were conducted in an effort to promote coastal environmental education for people of all ages to elevate their environmental protection awareness. 4. Water Patrol and Promoting Environmental Education. A website for the Water Paradise Project was created by the Taoyuan city government. As of the end of 2023, supporting companies have adopted 802 rivers, and the water patrol teams have conducted 24,962 patrols, obtained 4,154 water quality monitoring datasets, oversaw 2,532 waterfront revitalization developments, and held 417 aquatic environment educational activities.



Sustainable Environmental Education for All Ages: Building a Water Paradise Project

8.3 Industry-Academia Collaborations

Rapid advancements in technology and the increased demand for skilled professionals have greatly intensified the war for talent in the semiconductor industry. To support the growth momentum of the industry, ASEH has established long-term industry-academia collaborations with colleges and universities to develop future talent. We seek to address the talent shortage in the industry by providing students with an early understanding of industrial needs and advanced semiconductor technology development, as well as connecting knowledge acquired in the classroom with practical industrial applications. Industry-academic collaboration enables us to offer a range of industry-specific courses, academic programs, and internship opportunities that strengthen the bridge between academia and the industry, powering an energetic pool of semiconductor talent for a winning future.

ASEH has created key programs like "academia cooperation and corporate internship", "academic research collaboration", and "scholarships" to leverage on the expertise from these academic resources. In 2023, ASEH continued its collaborations with local schools, contributing over US\$7.5 million, including US\$3 million towards 81 technology research collaborations and US\$0.7 million for scholarships. We also

recruited 502 interns and enrolled 453 students in the semiconductor courses. Nearly 80 schools and research institutions in Taiwan, China, Singapore, Malaysia, South Korea, Japan, etc. were involved in these collaborations.

	2020	2021	2022	2023
Number of interns	638	224	410	502
Number of people participated in the semiconductor courses	169	862	209	453
Number of technological research collaboration projects	74	66	74	81
Investments in technological research collaboration projects	US\$1.4 million	US\$1.8 million	US\$1.8 million	US\$3 million
Scholarships	US\$0.06 million	US\$0.3 million	US\$1.1 million	US\$0.7 million
Total invested in industry-academia collaborations	US\$1.6 million	US\$2.5 million	US\$5.1 million	US\$7.5 million

2023 Accomplishments of Industry-Academia Collaboration Programs

Programs

- Cooperative education and internships
- Academic research collaborations
- Scholarships



Projects

- ASE Industry-Academia Career Development Project/ Employment Orientation Project
- Semiconductor Assembly and Manufacturing Education Program
- ASE Internship and Company Visits
- Artificial Intelligence Colleges
- NSYSU College of Semiconductor and Advanced Technology Research
- University Corporate Mentorships
- USI University
- Semiconductor Assembly Technology Research Projects
- Manufacturing Automation Research Projects
- Advanced Semiconductor Materials R&D Projects



Stakeholders

- University Students
- Academic Institutions and Research Institutes
- Semiconductor Industry



Achievements

- Improving Career Prospects and Competitiveness of Students
- Improving Academic R&D Capabilities
- Cultivating Talented Personnel for the Semiconductor Industry



Promoting an innovative talent development model: ASEH x NSYSU College of Semiconductor and Advanced Technology Research



In response to the decreasing birth rate and the rising demand for advanced technology talent, Taiwan's Executive Yuan proposed a National Key Fields Industry-University Cooperation and Skilled Personnel Training Regulation in 2020. Following the proposed act, approval was given to the National Sun Yat-sen University (NSYSU) to establish the College of Semiconductor and Advanced Technology Research in 2022. NYSU is a premier university in Taiwan for key science and technology talents, and the semiconductor college will offer courses from the Institute of Advanced Semiconductor Packaging and Testing and the Institute of Precision Electronic Components. As a leading semiconductor packaging and testing player, ASE is proud to have played a significant role together with other industry peers on the establishment of the NSYSU college. ASE and the industry partners are committed to collaborate closely and invest generously to the building of semiconductor talent in Taiwan over the next decade.

The NSYSU College of Semiconductor and Advanced Technology Research admits a total of 120 students annually, comprising 80 students from the Advanced Semiconductor Packaging and Testing center, and 40 from the Electronic Components center. The college aims to develop 960 skilled individuals over a period of 10 years to meet the needs of the semiconductor sector. In 2023, ASEH made a financial contribution of US\$1.7 million to the college, that was used to fund a total of 130 students from the first and second batches of the Advanced Semiconductor Packaging and Testing center. ASEH's contribution provided financial assistance to the largest number of students of any company involved in the project.

The curriculum uses an innovative talent development model consisting of one year of academic studies and two years of corporate internship. Students in the three-year program may be eligible to receive a scholarship of US\$33,000 over a span of three years. The college's faculty, composed of ASEH industry experts and university

professors, studies the needs of the industry and develops a professional course map and specialized technical research topics. ASEH and the college work closely together to establish a comprehensive curriculum and support mechanism, and design course modules tailored to industrial needs. The result is an integrated course content and internships that become progressively more in-depth and combine learning with hands-on experience. Upon completion of the internship, students may opt to pursue full-time employment with the company, benefiting the students and their families, the industry, and the nation as a whole. ASEH is proactively engaged in initiatives designed to bolster Taiwan's global competitiveness in the semiconductor industry, while generating local employment opportunities and a well-trained workforce for industrial growth.



ASEH x NSYSU College of Semiconductor and Advanced Technology Research

Formulating a smart technology blueprint: Industry-academia research on automation

ASE Kaohsiung is aggressively accelerating its digital transformation through smart manufacturing and pivoting into the era of Industry 4.0. The company has integrated the technology capabilities of academic institutions, and leveraged smart AI technologies as an inherent influence in corporate sustainability. Since 2015, ASEH has funded 49 industry-academia research projects in automation technologies.

In 2023, ASE Kaohsiung implemented five joint projects in collaboration with National Cheng Kung University and National Sun Yat-sen University. As a step to achieving ASE Kaohsiung's net-zero action plans, an information database and forecasting system was created to estimate the carbon emissions that may be derived from new products at each facility. In response to global cybersecurity threats, we have adopted data mining technologies that analyze account utilization patterns, identify potentially suspicious activities, and take preventive measures to enhance information security. To optimize manufacturing processes, artificial intelligence (AI) is used to assist our employees in the scheduling of machine operations and production, creating a cost-effective model with the shortest production and delivery time. To gain competitive differentiation, a high-performance database middleware was developed to improve data models, algorithms, and information management, facilitating the exploration and analysis of vast quantities of data, strengthening links with production lines, and avoiding data silos. We have also implemented a thematic analysis-based ASE knowledge map that transforms data into valuable knowledge. By adopting a multidimensional approach, we can now perform comprehensive and unbiased problem analysis, which not only minimizes query time but also enables the acquisition of more insightful information.

As part of our long-term strategy for smart manufacturing, ASE Kaohsiung is developing an Industrial AI (IAI) blueprint, and establishing a No Code IAI 2.0 platform. These undertakings are designed to be implemented in the areas of smart information security, quality assurance, smart diagnosis, smart design, and parameter optimization. Automation plays a key role in ASEH's digital transformation journey and AI technology is helping us to improve the accuracy of production scheduling and process output. In 2022, ASE Kaohsiung was inducted into the World Economic Forum Global Lighthouse Network (WEF GLN), becoming the first OSAT to achieve this distinction. At the end of 2022, ASEH has 46 smart factories in operation and the company has trained more than 700 automation engineers.



Automation Technology Forum

Grooming key industry talent: Investing in semiconductor packaging technology research and development

To continuously enhance its key technological capabilities, ASE Kaohsiung has partnered with National Cheng Kung University, National Chung Cheng University, National Sun Yat-sen University, and National Kaohsiung University of Science and Technology for eleven consecutive years on industry-academia research that is focused on packaging technology. In 2023, we organized the 11th Packaging Technology Industry-Academia Conference to present the findings of 15 research projects. ASE and the universities work closely together to spark innovation, and develop cutting-edge packaging technologies; strengthening ASE's connection across the global supply chain, and enabling the optimization of technologies and practical application.

Shortage and strengthen Taiwan's position as a global IC packaging cluster. The partnerships have allowed us to train highly skilled talent in advanced manufacturing processes, accumulated extensive technology and interdisciplinary R&D capabilities, and provided employment opportunities for students. With the rise in AI and autonomous driving, we have directed focus on 'advanced packaging and optical technologies' as well as 'AI applications and simulation technologies'. To meet market demands for miniaturization, we are incorporating AI computing into micro-machining technology to develop die cut tools for miniaturized chip packages. Smart automation in process design further improves the efficacy of detection and verification, optimizing product models and reducing development costs and time.





Assembly Technology Forum

Advanced packaging is a crucial enabler of AI. As a leading semiconductor player, ASE has built a portfolio of advanced packaging technologies to meet the demands of high performance IOT, and to address the exploding growth of the AI eco-system with the corresponding increase in chip demand. We understand that the key to maintaining our market leadership in the future is dependent on the training of skilled talents. As such, we are forging robust partnerships that maximize the abundant resources and capabilities of businesses, government, academia, and research institutions to generate local employment opportunities. In addition, we seek to promote the development of a strong semiconductor human capital base, and strengthen Taiwan's global position by fostering greater collaboration in semiconductor technologies and providing support for internship programs.



University Corporate Mentorships and Practical Application Training

To continue nurturing the much needed skillset and interest in semiconductor engineering, Silicon Precision Industries Ltd. (SPIL) has been building collaborative relationships with top universities. For ten consecutive years, SPIL has co-organized the University Corporate Mentors program with the National Chung Hsing University. The program organized activities such as; challenges in the semiconductor engineering workforce forum, production line tours, mentor-mentee dinners, forum on graduate students' work life experiences, and the Team Silicon Adventure competition, for students to gain insights into industry dynamics and explore career interests. SPIL's program encourage greater student participation and engagement, and directly help to attract outstanding talents and prepare students for employment. In 2023, a total of 296 students participated in the University Corporate Mentors program, accumulating 1,569 hours of participation. In addition to providing students with knowledge and opportunities in the OSAT industry, the program serves as a means for the industry to contribute to schools and society.

SPIL has been engaged in a collaborative partnership with National Chung Hsing University since 2016 to conduct courses on semiconductor materials and manufacturing processes. The main objective of this initiative is to improve the expertise of local semiconductor professionals by providing students with practical skills, and attracting talented students to join the semiconductor sector. SPIL has since expanded its academic programs to Feng Chia University and National Chi Nan University in 2022 and 2023 respectively. In addition to engaging with universities to offer courses on semiconductors, we also send senior employees from the company to be guest

lecturers to offer first hand expert perspectives on the latest in technology and industry landscape. In 2023, 124 students attended the course, recording a total of 4,698 hours of class participation. SPIL is committed to a sustainable educational framework that provides students with diverse learning opportunities, bridging the gap between theory and practice.



University Corporate Mentorships

USI Industry-Academia Collaborations and Internships

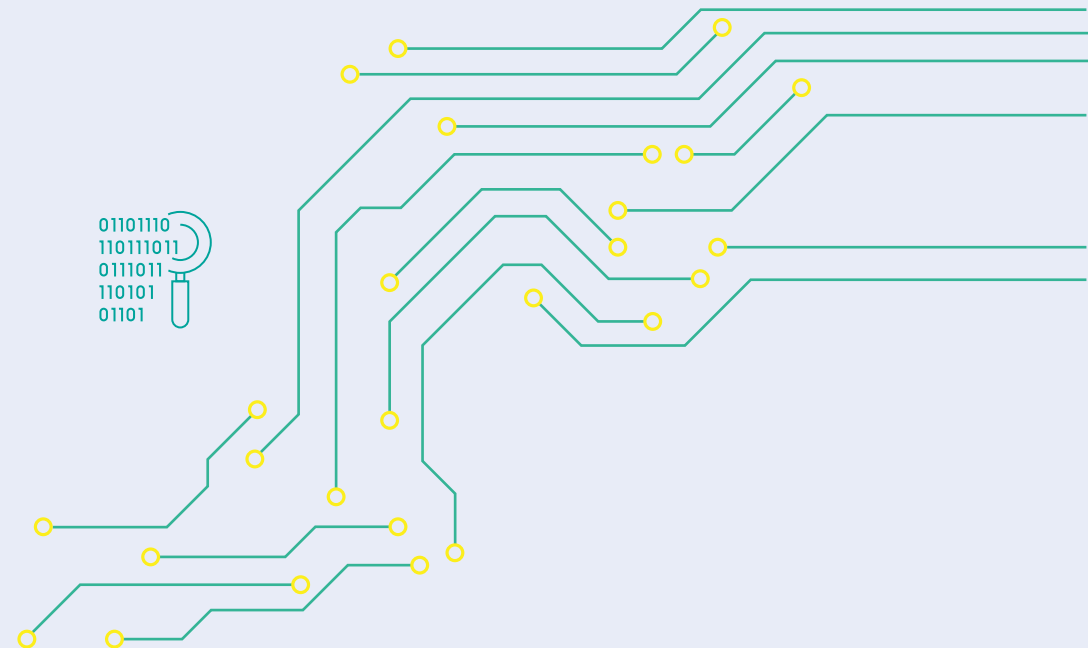
Employee education, training and transfer of skills rank highly at USI. To that end, the USI University was established in 2006 to provide free courses covering corporate experiences, management knowledge and the latest technology and industry trends. The USI University actively collaborates with industry and public associations, and universities and provides internally trained instructors to design the courses.

The USI University offers a wide range of courses that include the sharing of ESG practices, labor relations in corporate development, DISC Personality Assessment and communication management, Eight Disciplines of Problem Solving (8D), and the seven basic quality tools. Additionally, USI organizes career planning courses that offer students practical experience in the workplace environment. In 2023, USI University shared a total of 20 courses, with a cumulative duration of 1,392 hours, contributing to the enhancement of youth employability.

To cultivate students equipped with both practical and theoretical knowledge and integrate learning and application, USI offers industry-academia internships at multiple facilities. We recruit students from various universities for on-site internships and provide one-on-one mentorship and training. This prepares students for a smooth transition into the workplace upon graduation. In 2023, a total of 106 students participated in on-site internships. Besides internship opportunities, USI's Taiwan facilities have also developed various projects together with the National Tsinghua University, National Taipei University of Technology, and National Taiwan University of Science and Technology. The joint projects are: Development of Millimeter-wave Photoconductive Antenna Module; Reliability Testing for Module Miniaturization; High-precision Rapid Printing of LED Luminous Mask with Cured Resin for Electronic Device Components; and Computer Simulation Technology for Bonding Electronic Device Components. In 2023, a total of 679 students benefited from the industry-academia internship cooperation, accumulating a total of 63,710 hours of participation.



USI University



8.4 Community Engagement

Fostering a close relationship with people and the community is integral to ASEH's corporate sustainability development. We are highly focused on Community Development, Charitable Care, Emergency Assistance and Cultural Development to engage with the local communities where we operate and to promote a more diverse and inclusive society. Over the years, we have initiated programs to assist and support disadvantaged groups, long-term care for the elderly, children and youth, and business start-ups business owners. To facilitate our interaction with the community, we have also established a platform that stimulates communication between us, the local community and the general public.

ASEH's community welfare initiatives are executed through the ASE Charity Foundation, the ASE Cultural and Educational Foundation, and the Chang Yao Hong-Ying Social Welfare and Charity Foundation. The impacts of our efforts are further magnified through the addition of partner networks and various resources. In 2023, we contributed over US\$3.1 million for community engagement activities. We provided afterschool care for 222 students and financial assistance to 9,393 students from disadvantaged families, and made donations to 73 charities. ASEH strives to construct a conducive learning and living environment for all, expanding our influence on society and creating an environment that thrives on coexistence and integration.

	2020	2021	2022	2023
Community Engagement ¹	US\$1.6 million	US\$3.4 million	US\$2 million	US\$3.1 million
Beneficiaries	About 8,200	About 9,200	About 9,500	About 9,600
No. of students from disadvantaged households receiving afterschool care	316	254	263	222
No. of students from disadvantaged households receiving financial aid	7,879	8,963	9,281	9,393

¹ ASEH's facilities in Taiwan (Taoyuan City, Hsinchu County, Taichung City, Changhua County, Nantou County, and Kaohsiung City), U.S.A., China, South Korea, Japan, Malaysia, Singapore, Vietnam, and Mexico are all actively involved in various levels of community engagements

ASEH Social Innovation Competition

In 2023, ASEH held the ASE Social Innovation Competition in partnership with National Taiwan University (NTU) Entrepreneurship Center, the Social Innovation Lab, and a number of new startups. The objective of the competition is to motivate and support the growth of start-ups, focusing on the areas of energy conservation and carbon reduction, circular economy, social welfare, and environmental protection. We offered a total prize money of NT\$ 2.15 million and a pledge to work with the winning teams to support entrepreneurship and promote social innovation and development to promote diversity, innovation, and the power of synergy.

Amongst the submissions for the competition (more than 70), Monster Environmental Tech's stood out with its development of a BIO-BSF System to address ASE's waste treatment needs. Subsequently, we adopted Monster's BIO-BSF System to remove sludge and food waste, both byproducts of our operations and manufacturing process. We will deploy Monster' innovative system across our facilities as well as the upstream and downstream supply chains to help with waste reduction, greenhouse gas emissions control, and accelerating the path to a circular economy.

We are also keeping tabs with the winning teams of the 2022 ASE Women's Sustainable Innovation Talent Competition. Throughout the year, we provided individual support to these teams and engaged industry experts and academia to provide guidance and assistance to help them innovate and expand business opportunities. Each team will then present their achievements over the year after intensive mentoring is concluded and demonstrating their progress towards commercializing their ideas and solutions through ASEH's sponsorships.



ASEH Social Innovation Competition: Briefing Session



ASEH Social Innovation Competition: Final Selection

ASEH Social Innovation Competition – Winners

Prize	Winning Team	Project Name
1st Place - NT\$1 million	Monster Environmental Tech	Development of a first of its kind, cutting edge technology (aka 'black technology') for the treatment of food waste and sludge: a highly-efficient and integrated carbon-neutral biological treatment
2nd Place- NT\$600,000	PackAge+	ASE co-branded sustainable products and green packaging materials
3rd Place- NT\$400,000	FanC Recycling International	The circular economy of Guantian "Black Gold"

SPIL: Supporting students at Heping Elementary School in the outskirts of Taichung

For many years, SPIL has been supporting rural schoolchildren near the Taichung Facilities. Over the past 17 years, the company has given annual donations to Heping Elementary School, and also funded programs to improve the learning environment and subsidize afterschool care programs.

In the remote and mountainous areas of Taiwan, elementary schools have to grapple with the challenges of an uncertain academic pathway and a lack of prospects for students after they graduate. On the other hand, the conditions surrounding the mountainous regions have naturally contributed to the high level of endurance and athletic abilities of students at Heping Elementary School. Hence, the school decided that building a strong Taekwondo team would help to increase the chances of students getting accepted to a junior high school Taekwondo team, and subsequently enrolled in senior high schools based on their athletic talents. In support of this endeavor, SPIL promptly donated protective gears, kicking targets, floor mats, and other equipment to assist in the establishment of a Taekwondo club.

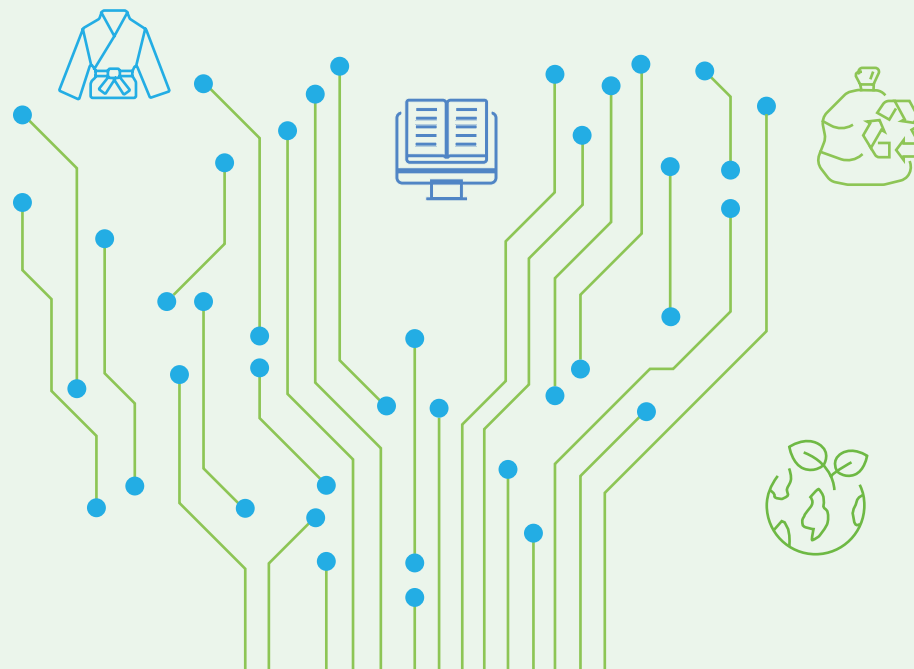
On April 15, 2023, 44 students from Heping Elementary School participated in a beach cleanup at Taichung's Daan Marina Park, together with more than 600 SPIL employees and their family members. The activity aims to drive greater understanding of the importance of environmental sustainability and marine protection. SPIL's support for the school has not only touched

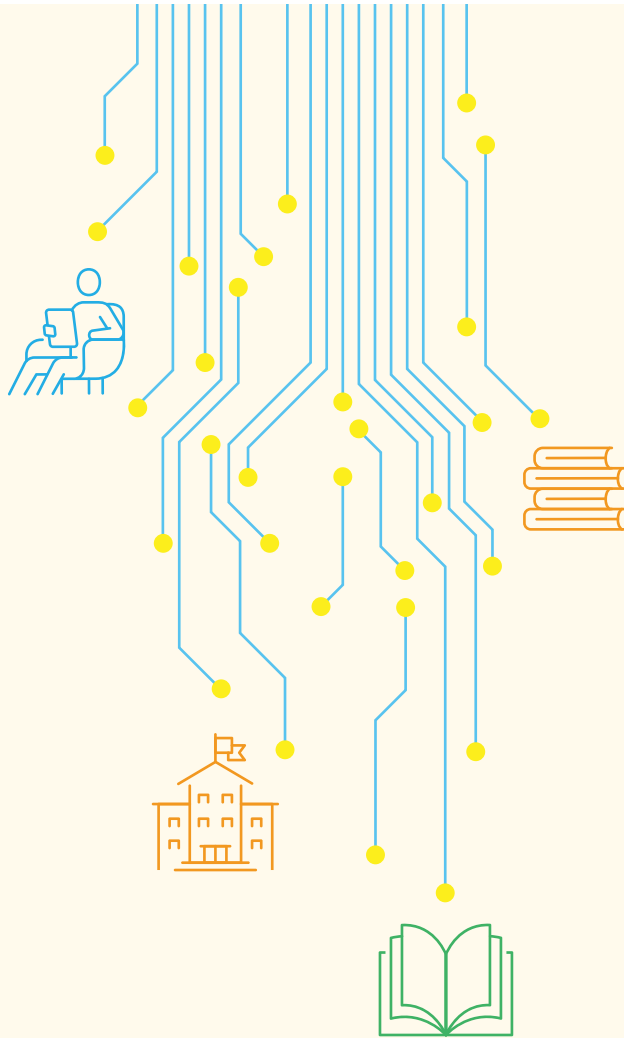
the students from the Taekwondo club, but also provided those involved in the beach cleanup, a great opportunity to experience the beauty of the seas. The school and the students were very happy to share their achievements from the programs.

Over the years, SPIL has been actively supporting Heping Elementary School to ensure a healthy and progressive learning environment for the children. SPIL has organized a variety of activities, such as trips to Taipei EXPO Park, SPIL Family Day and Theme Park Day, concerts, baseball games, galas, marathons, and Christmas celebrations. SPIL supplied tablets to enable online learning during COVID-19 lock downs; installed LED lighting to create a well-lit, healthy learning environment; and provided sports equipment made of sustainable materials such as basketballs and yoga mats.



SPIL sponsorship of Taichung Heping Elementary School: Taekwondo club performs on Beach Cleaning Day





Opening the windows to the world through reading—Philanthropic Library

USI, a subsidiary of ASEH, has been making an annual contribution of around NT\$500,000 since 2005, in support of the Philanthropic Library project launched by the Taiwan Reading and Culture Foundation for the purchase of cultural reading materials. The objective of the project is expand the horizon of young minds, and foster their interest in reading from a very young age. In 2023, USI collaborated with the ASE Cultural and Educational Foundation to donate twenty cartons of books each to Hu-Shan Elementary School in Caotun Township, Nantou County, and Zhongxiao Elementary School in the Taichung Western District. These schools are located near USI's Nantou Facilities. We have since accumulated a donation of 807 cartons of books in total, providing easy access to reading materials for students living in the rural areas and improving their reading skills. We recognize that social improvements and impacts can only be achieved by persistent and sustained commitment that goes beyond providing financial and material assistance.

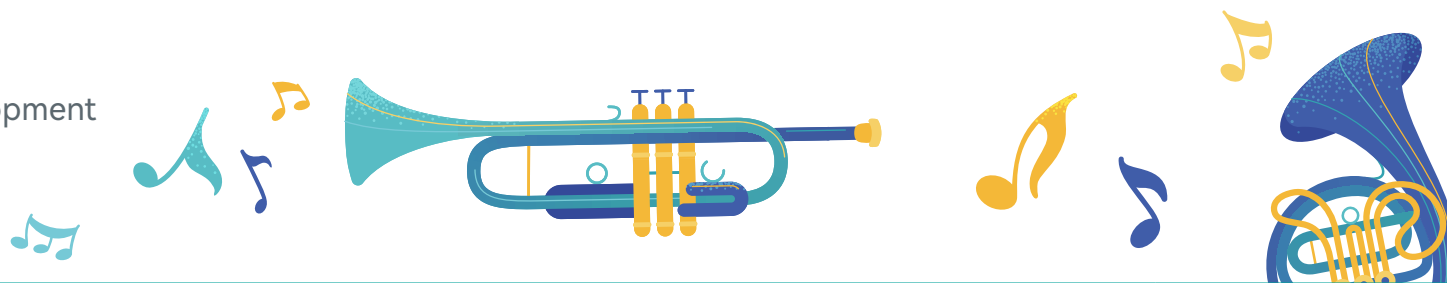
We are also aware that different age groups require different approaches to encourage reading. Therefore, in addition to book donations, we work together with the Taiwan Reading and Culture Foundation to host the Parent-Child Reading, Meet the Writer, and Fun Magic in the Mist events. These initiatives help us increase our involvement in local education and cultivate schoolchildren's interest in the fields of science and reading. A total of six events were held in 2023. For preschoolers and those in the lower grades of elementary school, the family is the source of their enlightenment. To that end, we held two exciting and enjoyable Parent-Child Reading events with the aim of fostering a passion for reading among young readers, while also cultivating an interest in learning and expanding their horizons. In addition, we organized two Fun Magic in the Mist events for students in elementary, junior high, and senior high school to explore science through practical experiments, and to comprehend and validate physics principles through sensory experiences, all under the guidance of teachers. Two Meet the Writer events were held in which authors visited schools to provide students with unique insights into their books by sharing their experiences in writing and illustrating their works.



Philanthropic Library: Parent-Child Reading Event

We continue to apply the social return on investment approach to measure and evaluate the impacts that the Philanthropic Library has on students and children. We discovered that 76% of primary school students reported that participation in the Fun Magic in the Mist events led to an increase in their scientific knowledge, while 73% of parents who participated in the Parent-Child Reading event believed that it improved the quality of reading for their families. Based on the analysis of the results through comprehensive calculation, a social value of NT\$5.87 was generated for every NT\$1 invested in the Philanthropic Library.

2023 Taiwan Cultural Development Support Project Summary



Project	Content	Supported Unit	Amount (US\$)
Short films on Chinese culture	The animated YouTube series 'When a TV Anchor Meets the Ancients', was created in collaboration with Unique Satellite TV (USTV) station, and focused on Chinese history and culture to promote Chinese moral principles and ethics. The first episode, 'Lin Xiangru' and second episode, 'Sima Qian' are now available on the official websites of the ASE Cultural and Educational Foundation and USTV, as well as on YouTube.	ASE. ASE Cultural and Educational Foundation	13,717
Short films on Western art history	In collaboration with TVBS, we produced the series 'Journey to the Fantastic World of Western Arts', focusing on architecture, paintings, music and dance. The series was broadcast on the official websites of the ASE Cultural and Educational Foundation and TVBS, as well as on Facebook and YouTube. Episode 1: Explore the Beauty of Architecture through Travel Episode 2: The Allure of Enchantment: Magical Melodies Episode 3: Appreciating Classical Paintings through Modern Reinterpretations Episode 4: An Artistic Fusion of Painting and Dance	ASE. ASE Cultural and Educational Foundation	54,866
Creation of arts and culture maps for Taiwan	We collaborated with Smile Taiwan magazine, an affiliate of Common Wealth Magazine, to promote Taiwan's cultural attractions. By documenting Taiwan's cultural heritage and creating the culture maps, we were able to present these distinctive local arts and cultural attractions in a series of short films and graphic illustrations on a variety of themes that have been broadcast on Smile Taiwan's official websites, the ASE Cultural and Educational Foundation's Facebook account and YouTube channels, and the Culture Tours' website. The project received a certificate of appreciation from The Kaohsiung City Government. Episode 1: Taiwan Pineapple Museum Episode 2: Kaohsiung Museum of History Episode 3: Taiwan Veteran Village and Cultural Park Episode 4: Qishan Railway Station Episode 5: Hongmaogang Cultural Park Episode 6: The Pier 2 Art Center	ASE. ASE Cultural and Educational Foundation	48,988
ASH philanthropic concerts	In a joint effort with various organizations, we hosted a music concert to raise funds for charities on November 5, 2023. The ASE Cultural and Educational Foundation pledged to match the amount of total donations received during the event, which went to 15 charity organizations. There event recorded a total of 424 participants.	ASE. ASE Cultural and Educational Foundation	42,456
Music concerts for the elderly	On December 20, 2023, we invited several music groups to perform at two concerts for the elderly, at the Fuxing Fuhua Citizen Center in Zhongli and at the Jia An Elderly Long-term Care Center in Taoyuan City. The concerts attracted a total of 100 participants.	ASE. ASE Cultural and Educational Foundation	1,633
National Theater and Concert Hall Senior Citizen's Program	Sponsor of the National Theater and Concert Hall Senior Citizen's Program: Dementia-Friendly Theatrical Workshop: In the workshop, experts discussed their experiences utilizing the performing arts as a medium and instrument for supporting a dementia-friendly society. The workshop recorded a total of 250 participants. Pioneer project on Performing Arts as a Social Prescription: The project involved seniors aged 55 and older in arts and cultural activities, that helped improve their physical and mental health through the social connections. The initiative attracted a total of 260 participants.	ASE. ASE Cultural and Educational Foundation	16,329
Changhua City Office cultural activities	We provided sponsorships for a series of cultural events organized by the Changhua City Office from July 2023. These include the Changhua City Orchestra Concert, Changhua City Outstanding Father Awards, Dance under the Midsummer Starry Sky, Changhua City Chinese Orchestra Concert, and the 2024 New Year's Eve Celebration. We supported such events to encourage cultural participation, enhance community development, and expand the promotion of the arts. To date, we recorded a total of 3,683 beneficiaries.	SPII. ASE Cultural and Educational Foundation	32,658



Project	Content	Supported Unit	Amount (US\$)
National Day fireworks and cultural performances in Taichung	We sponsored the National Day Fireworks Show and two nights of cultural events at the Taichung Central Park. Renowned local and international jazz bands, local artistes and groups, and the Taichung youth groups were invited to perform at the events, which featured dance, orchestral music, and traditional Chinese music. The events attracted 390,000 participants.	SPIIL. ASE Cultural and Educational Foundation	11,430
The Haifeng Cup National Go Tournament	We sponsored Go tournaments in northern, central, and southern Taiwan from October 14 to 22, 2023, to promote the Go game culture, while providing an interactive social platform for senior Go players in to compete and win awards. There were a total of 600 applicants for the tournaments.	SPIIL. ASE Cultural and Educational Foundation	16,329
Supporting the growth of Taichung Zhongshan Hall	We sponsored a series of activities organized by the Taichung City Government, including 'Art go go' and 'Let Dreams Fly. Art for All'. Top performers from across the country gave 17 concerts between September and December 2023, that provided Taichung residents with an enjoyable experience of music and the arts. On November 11, 2023, we sponsored the hip-hop final of the Fifth Zhongshan Hall Youth Competition LIVE Show.	SPIIL. ASE Cultural and Educational Foundation	9,798
Taichung Your-music Chinese Orchestra	We sponsored the Your-music Chinese Orchestra's 2023 annual concert "The Ten Years" at Taichung Zhongshan Hall, that recorded a total of 860 participants.	SPIIL	980
Guided Tour of the National Museum of Natural Science for Rural School Children	We organized guided tours for students from She-Liao Elementary School and Li-Yu Elementary School in Nantou to visit the National Museum of Natural Science and expand their knowledge of and interest in science. The total number of participants is 150.	USI. ASE Cultural and Educational Foundation	3,266
Philanthropic Library	To foster children's reading habits and interest in science, we donated 20 cartons of books each to the Zhongxiao Elementary School in Taichung West District and Hushan Elementary School in Caotun Township, Nantou County. In addition, we organized 2 Meet the Writer events, 2 Parent-Child Reading events, and 2 Fun Magic in the Mist events in Nantou County, attracting a total number of 729 participants.	USI. ASE Cultural and Educational Foundation	16,329
Cloud Gate Dance Theater Annual Tour	We provided sponsorships for eight touring performances by the Cloud Gate Dance Theater in Taiwan from October 12 to November 5, 2023. The concerts were open to USI suppliers, employees, and their families, to promote the arts and culture, and to raise the standards in humanities and culture across the Company. The total number of participants involved is 234.	USI. ASE Cultural and Educational Foundation	32,658
Caotun Straw Craft Cultural Festival- Performance by the Ming Hwa Yuan Arts & Cultural Group	USI sponsored the Caotun Straw Craft Cultural Festival and invited the Ming Hwa Yuan Group to perform at the Caotun Zhongshan Park on December 9, 2023. The event attracted 2,100 participants.	USI. ASE Cultural and Educational Foundation	30,927
USI Art Gallery exhibitions	The USI Art Gallery collaborated with the Chiu-Chiu Fine Arts Association in Caotun Township to hold solo and group art exhibitions at the factory. These exhibitions enhanced the creative atmosphere within the facility and provided a platform to promote the artists' works.	USI	1,960
Collection of award winning Artworks - the Nantou County Yushan Art Awards	USI supports the arts and culture community by collecting works from local artists and exhibiting them at the facilities for employees to view and appreciate.	USI	2,057
"Focus on the World" project by the Eastern Media Group	We sponsored the Eastern Media Group's production of "Deep Blue Melancholy" and "Guardians of the Earth," two environmental episodes in the Focus on the World project that aired on the Eastern Broadcasting Company channel in 2023 and 2024.	ASE. ASE Environmental Protection and Sustainability Foundation	65,317
Total			401,698

8.5 Public Advocacy

Public Advocacy and Management Framework

As a leading global provider of semiconductor assembly and testing services, ASEH strives to be an active participant in both domestic and international non-profit organizations with links to the industry. Our goal is to advance the semiconductor industry through joint efforts with the international community. We are fully committed to promoting initiatives and work relevant to our core business focus and areas of sustainable development (environmental, social, and economic aspects). These include climate change, net zero emissions, corporate sustainability, industrial development, technological innovation, environmental engineering, human rights, and supply chain.

The ASEH Public Affairs Engagement policy acts as a guideline for the company's participation in society and the community. Dtuang Wang, Chief Administration Officer (CAO) of ASEH, leads the Social Involvement Task Force (reporting directly to the CEO), and is responsible for executing the company's public affair strategies and plans. The CAO provides a status report to the Corporate Sustainability Committee (CSC) annually. The CSC is the highest level of management responsible for the strategy and supervision of the company's sustainability development, and is comprised of board directors and the head of corporate governance. The CSC oversees the progress and execution of public affair plans, budget, results, ascertains the level of participation in lobbying and public advocacy, and provides regular reports to the board of directors. In 2023, ASEH was active in over 140 external organizations. We contributed US\$0.9 million in public advocacy, including US\$0.79 million for policy influence and US\$0.11 million for sponsoring media to conduct sustainability-related education and promotional activities. Through these efforts, allowing ASEH to share our value system with industry peers and supply chain partners, and extend a broader social impact.

Participation in Major Trade Associations in 2023:

Association	Major Activities	Resources invested (US\$)
Semiconductor Equipment and Materials International (SEMI)	<p>The SEMI is a global electronic manufacturing supply chain industry association, with over 3,000 members. ASEH is actively involved in public policy initiatives and highly supportive of international SEMI events, the promotion of collective interests, and the focus on education, business, technology and sustainable development. As a member of SEMI for over 2 decades, ASE has gradually stepped up and taken the leadership to drive impactful agendas and direct the industry towards achieving common goals. We have undertaken important roles in many of SEMI's committees, serving positions such as the vice chairman of the International Board of Directors' Executive Committees, chair of SEMI Taiwan Packaging and Testing Committee and honorary vice chair of SEMI Taiwan Smart Manufacturing Committee. We are also a member of the MEMS & SENSORS Committee, High-Tech Green Manufacturing Committee, Semiconductor Materials Committee, FlexTech Committee, Test Committee, Semiconductor Cybersecurity Committee, and Sustainable Manufacturing Committee. The key SEMI initiatives of 2023 are as follows:</p> <ol style="list-style-type: none"> 1. SEMI Semiconductor Climate Consortium (SCC). ASE is a founding member of the SEMI Semiconductor Climate Consortium, established in November 2022. The SCC is the first global consortium formed by companies across the semiconductor value chain to accelerate the ecosystem's reduction of greenhouse gas emissions. By the end of 2023, the SCC had garnered the participation of over 85 founding corporate members. SCC member companies pledge to support the goal of limiting global warming to 1.5°C as stipulated by the Paris Agreement and related protocols. The SCC released its first white paper on greenhouse gas emissions in the semiconductor industry ecosystem. The white paper provided detailed analyses of the carbon footprint across the semiconductor value chain that is useful for the industry to continuously develop ways to reduce the industry's greenhouse gas emissions. At COP28, SEMI announced the establishment of the SCC Energy Collaborative (SCC-EC), with 10 founding members including ASE and TSMC. The EC is dedicated to understanding and clearing roadblocks to the installation of low-carbon energy sources in the Asia-Pacific region. The EC will provide a consolidated view of priorities for low-carbon energy in the region, helping the industry to achieve Net Zero goals. 2. Promotion to diversity, equality, inclusion and respect (DEIR). DEIR topics are rising in greater importance at the work place and representation of women in particular stands out. As a SEMI board member, ASE has pushed for the development of robust actions to promote and strengthen women in management and leadership roles across the industry. We also joined SEMI Foundation which is aimed to provide support for workforce development and diversity, equity and inclusion in the semiconductor industry. ASE was elected as a member of SEMI Foundation's Board of Trustees in 2022. We will continue to promote DEIR at the work place and solve workforce challenges and support economic equity. 3. Flexible hybrid electronics (FHE) measurement standards. The SEMI Flexible Hybrid Electronics Standards Technical Committee published the first 3 global FHE measurement standards; SEMI FH1, SEMI FH2, and SEMI FH3. These global standards are once again formulated by the Taiwan industry since SEMI E187 (Specification for Cybersecurity of Fab Equipment). The standards cover various applications including smart wearables, smart healthcare, and smart mobility, which account for 65% of the total market value of FHE. 4. SEMICON Taiwan 2023. The event recorded a gathering of 950 exhibitors with 3,000 booths and attracted more than 62,000 visitors. More than 25 international forums were held over the course of the three-day exhibition, covering major industry trends including advanced manufacturing processes, heterogeneous integration, materials innovations, compound semiconductors, automotive chips, smart manufacturing, semiconductor cybersecurity, sustainability, talent development, and quantum technologies. ASE executives provided expert industry and technology perspectives at the Master Forum (Keynote Speaker), Silicon Photonics Forum (Moderator), Semiconductor Women's Panel (Speaker), and Heterogeneous Integration Summit (Moderator, Speaker). 	138,000

Association	Major Activities	Resources invested (US\$)
Taiwan Semiconductor Industry Association (TSIA)	<p>ASE Inc. is a founding member and board director of the TSIA, and chairs the EHS packaging and testing committee. As a member of the association, ASE participates actively in discussions on sustainability topics and prepares recommendations to government agencies for formulating policies and regulations that affect the semiconductor packaging and testing industry. The key initiatives and programs promulgated by TSIA in 2023 are as follows:</p> <ol style="list-style-type: none"> 1. Regulatory policy discussion and advocacy. We participated in the policy discussion of air pollution control and emissions standards for the semiconductor manufacturing industry. With reference to the 'mandatory installation of equipment for the continuous automatic monitoring of stationary pollution sources in public and private premises, and the mandatory reporting of monitoring results to the competent authorities', we advocated for the 1.3 kg set-up threshold, exempting the packaging and testing industry from excessive installations. The exemption resulted in a reduction of installation costs by approximately NT\$2.5 million and operating costs by approximately NT\$1 million per factory. Additionally, we established an action plan for greenhouse gas emissions control; participated in the drafting and review of industrial waste disposal policies; and provided the latest global semiconductor industry laws and regulations to devise early response plans, reducing impact to the industry. 2. GHG verification. Received a written statement for the completion of a joint-GHG verification based on CNS 14064-1, meeting customer requirements and government regulations; contributed to a GHG report on the GHG emissions data by the semiconductor industry in Taiwan, demonstrating TSIA's commitment to managing and reducing emissions. 3. Supplier guidance and assessments for waste disposal vendors. According to the newly revised Articles 4 and 5 of <i>Regulations Governing Determination of Reasonable Due Care Obligations of Enterprises Commissioning Waste Clearance</i>, companies are obligated to entrust relevant associations and societies to assist with the management procedures. 4. Revision of rules for packaging and testing-related services and products. We held six stakeholder discussion meetings to gather industry opinions. On November 2023, we completed the second edition of the Environmental Product Declaration (EPD) for Integrated Circuit Packaging and Testing Services. 	88,000
Taipei Computer Association (TCA)	<p>The TCA was established in 1974 to promote the development of Taiwan's information technology industry. In addition to hosting industry exchange activities, the association regularly organizes major domestic IT exhibitions and participates in international exhibitions. As a member of the association, we exhibited at the 2023 Kaohsiung Smart City Summit & Expo organized by the TCA. The event, centered on digital and green transformation, was expanded in scope to include innovative applications in smart energy, smart transportation, smart buildings, sustainable green energy, and 5G AIoT that can be used to build a complete ecosystem for smart cities and the Internet of Things (IoT). The event attracted city officials, telecom operators, system integrators, IoT service providers, solution providers, and professional users from around the world. It boasted a total of 165 exhibitors and 550 booths. During the three-day-long exhibition, 20 professional forums were held, attracting over 30,000 professionals. The theme of our exhibit was "smart factory × sustainable net zero" where we highlighted our net zero journey through smart factory/buildings, smart energy savings, smart water management, and circular economy.</p>	46,000
Global Semiconductor Alliance (GSA)	<p>The GSA provides a neutral collaboration platform for the semiconductor, software, solution, system, and service ecosystem, bringing together industry leaders from over 25 countries and 300 companies. The members include startups in the semiconductor industry as well as industry powerhouses and technology leaders. The GSA organizes global and regional semiconductor-related technology and marketing activities for members opportunities to network and exchange information on the latest industry trends. It offers members access to a comprehensive semiconductor research database that includes information such as technological developments, market reports, company data, and industry surveys. The GSA hosts the GSA Annual Awards to recognize outstanding leaders, women, and companies across the industry. As a member of the association, ASE actively supports and sponsors GSA events, working with its international partners to promote the development of the semiconductor industry.</p>	46,000
Institute of Electrical and Electronics Engineers (IEEE)	<p>The IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity. Through its highly cited publications, conferences, technology standards, and professional and educational activities, IEEE is the trusted voice in a wide variety of areas ranging from aerospace systems, computers, and telecommunications to biomedical engineering, electric power, and consumer electronics. As a member of IEEE, ASEH actively engage with members of the international community on the latest technological trends and attend conferences and professional activities. In 2023, a global survey of 350 CIOs, CTOs and IT directors by the IEEE concluded that Artificial Intelligence in its many forms will be the most important area of technology in 2024, followed by XR, cloud computing, 5G and Electric Vehicles. The survey covered technology leaders from the United States, the United Kingdom, China, India, and Brazil.</p>	45,000



Lobbying and Participation in Trade Associations on Climate Alignment

Addressing climate change is a top priority for ASEH. To that end, we have formulated the Corporate Sustainability and Citizenship Policy¹, to help the company meet its climate goals, improve and protect the environment. We will adopt climate mitigation and adaptation strategies, expand the reuse of resources and reduce GHGs emissions, wastewater, waste, and the use of chemicals. We have established clear Net Zero targets and pathways in alignment with the Paris Agreement. In 2021, our targets of well below 2°C for scope 1 and 2, and below 2°C for scope 3 by 2030, were submitted and validated by SBTi. Our next plan is to meet the 1.5°C target and achieve SBTi's recommendation of Net Zero 2050.

Internally, the company has established a robust action plan towards Net Zero which is further augmented by active involvement in external organizations or associations on climate change. We are also heavily involved in public advocacy to help policy makers understand our industry and to make recommendations in support of Taiwan's pathway to Net Zero.

Management System for Climate Lobbying Activities and Trade Associations

We have established a management system that covers the global sites of ASEH and the three major subsidiaries to ensure that our lobbying activities and participation in trade associations comply with our corporate policies on sustainability and climate change, and aligned with the goals of the Paris Agreement.

Direct Lobbying

ASEH is fully committed to support government policies that align with the Paris Agreement. With regard to political donations, ASEH is obligated to comply with Article 7 of the Taiwan Political Donations Act that prohibits donations from companies where more than 30% of the shares are held by foreign citizens or corporations. As foreign citizens and corporations hold more than 30% of ASEH shares, our engagement with the government is mainly conducted through participation in trade associations where we advocate for policies and provide recommendations.

We comply strictly with local lobbying regulations when initiating lobbying campaigns. ASEH management procedures for lobbying are as follows:

1. The purpose must align with ASEH's policies on sustainability and climate change, and the Paris Agreement.
2. The lobbying campaign must first be evaluated by the Social Involvement Task Force and submitted to the ASEH Corporate Sustainability Committee for final approval.
3. The Social Involvement Task Force is responsible for tracking progress, and updating the progress and outcome to the CSC.
 - (1) If the regulations, policies, and bills meet the goals of the lobbying objectives, the campaign shall be continued.
 - (2) If the regulations, policies, and bills partially deviate from the lobbying objectives, a negotiation process shall commence to steer the campaign back on track.
 - (3) If the regulations, policies, and bills completely deviate from the lobbying objectives, the campaign shall be cancelled.
4. The CSC is obligated to report the status regularly to the board of directors.

¹ ASEH Corporate Sustainability and Citizenship Policy (https://www.aseglobal.com/en/pdf/2022_aseth_corporatesustainabilityandcitizenshippolicy.pdf)

Trade Associations

ASEH plays an active role in climate organizations and associations. We also take up leadership and consultative roles in various committees within the associations. ASEH's management procedures for trade association and engagement are as follows:

1. Evaluating trade associations that are irrelevant to mitigating climate change:
 - (1) Assessing global trade association performance through membership.
 - (2) Identifying organizations with missions closely associated to climate change mitigation and/or the Paris Agreement, or actively advocating, promoting awareness, campaigning, or lobbying on climate related issues.
2. Evaluating and monitoring our engagement with, and activities of trade associations to ensure compliance with climate change mitigation and the Paris Agreement.
 - (1) Annual assessment of participating climate-focused trade associations.
 - (2) Evaluating the public stance of trade associations in supporting the Paris Agreement including below 2°C or 1.5°C, Net Zero 2050, energy-saving and carbon reduction.
 - (3) Evaluating the activities and actions of the trade associations, to ensure that public statements, promotional activities, educational training, initiatives, and policy proposals, support and comply with the Paris Agreement.
 - (4) Classifying associations into those who comply with the Paris Agreement and those who do not. We would continue to engage with the former while taking other measures for the latter.

3. For trade associations that fall short of ASEH's expectations,
 - (1) We would engage in discussions to seek alignment within 2 years, and would cancel our membership if alignment fails.
 - (2) We would cancel our membership with associations that do not align with our climate policies and goals.

2023 Evaluation Results

Direct Lobbying

ASEH did not conduct any direct lobbying in 2023.

Trade Associations

In 2023, ASEH recorded participation in 140 trade associations covering a wide scope including climate change, technology and R&D, labor rights, supply chain, industry development, commercial operation and investment, auditing, legal, environmental protection, sustainable development, and human rights. Among the 140 associations, 15.7% or 22 are focused on climate change, and are closely assessed by ASEH through our Trade Association Management Framework.



Number of trade associations in full alignment with ASEH goals : 22

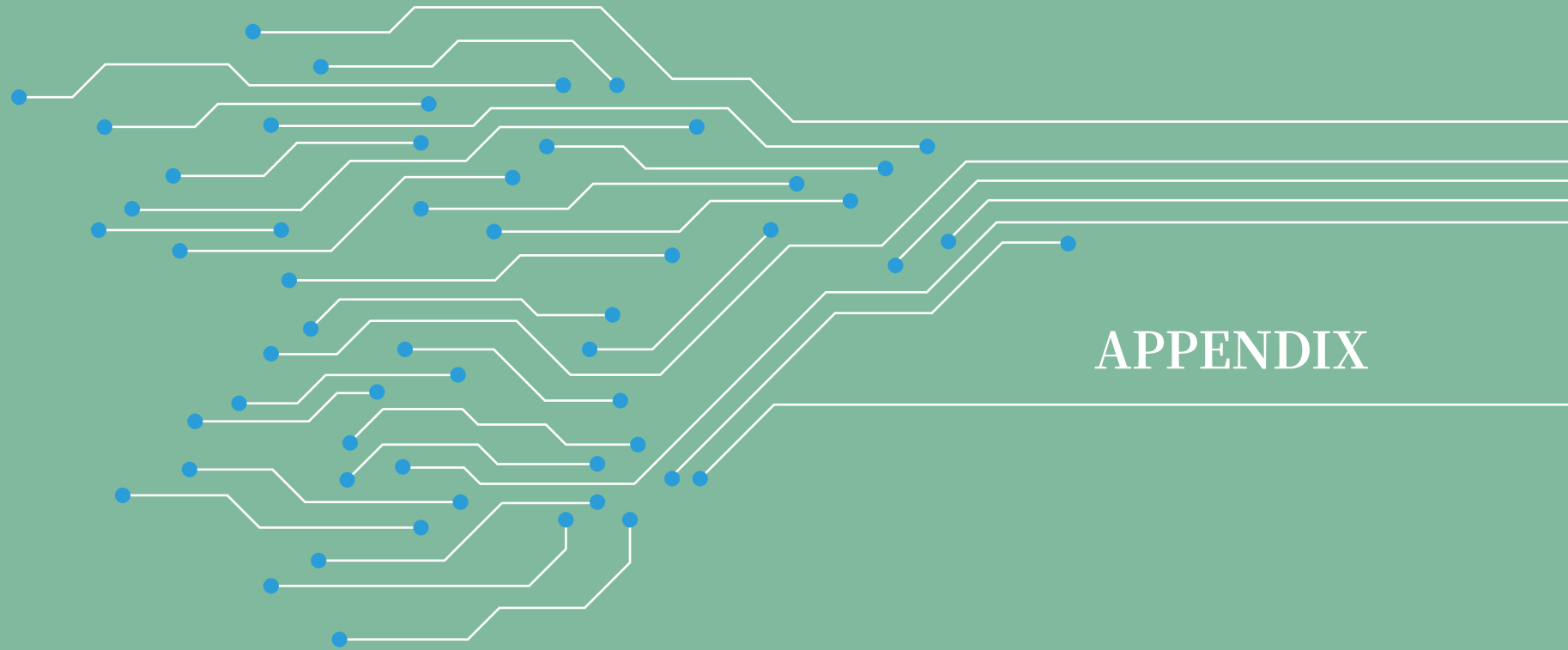
	Name	Remarks on Assessment
1	Institute of Electrical and Electronics Engineers	Recognizes climate risks, supports the Paris Agreement, proposes climate solutions, and organizes conferences on climate change response.
2	Semiconductor Equipment and Materials International	Recognizes climate risks, supports the Paris Agreement, established the Semiconductor Climate Consortium (SCC), and promotes the Pathway to Net Zero through conferences and public advocacy.
3	Shanghai Foreign Investment Association	Recognizes climate risks, established the Green, Low-Carbon Development Branch, and holds energy conservation and carbon reduction conferences and activities.
4	Chinese National Association of Industry and Commerce	Recognizes climate risks, supports the Paris Agreement, and promotes the Pathway to Net Zero through conferences and public advocacy.
5	The Third Wednesday Club	Hosts lectures and speeches related to Taiwan's net-zero policies, and holds conferences to promote the Pathway to Net Zero.
6	Taiwan Semiconductor Industry Association	Recognizes climate risks, supports net zero goals, and holds conferences to promote the Pathway to Net Zero.
7	Taiwan Net Zero Emissions Association	Recognizes climate risks, pledged to help Taiwan achieve net zero, and promote the Pathway to Net Zero through conferences and public advocacy.
8	Taiwan Alliance for Sustainable Supply	Recognizes climate risks, supports the development of a sustainable supply chain, and holds conferences to promote the Pathway to Net Zero.
9	Taiwan Institute for Sustainable Energy	Recognizes climate risks, supports the Paris Agreement, established the Taiwan Alliance for Net Zero Emissions, and promotes the Pathway to Net Zero through conferences and public advocacy.
10	Net Zero Carbon Association	Pledged to help Taiwan achieve net zero, and holds conferences to promote the Pathway to Net Zero.
11	Taiwan Carbon Capture Storage and Utilization Association	Recognizes climate risks, and promotes and holds carbon reduction-related projects and conferences.
12	Taiwan Thermal Management Association	Recognizes climate risks, supports net zero goals, and organizes energy conservation and carbon reduction-related conferences and activities.
13	Taiwan Advanced Automotive Technology Development Association	Recognizes climate risks, supports net zero goals, signed a memorandum of understanding (MOU) with four major associations to enable cross-domain applications of new energy in order to meet ESG carbon reduction trends, and holds conferences to promote the Pathway to Net Zero.
14	Taiwan Telematics Industry Association	Recognizes climate risks, supports net zero goals, and holds conferences to promote the Pathway to Net Zero.
15	Taiwan Electrical and Electronic Manufacturers' Association	Recognizes climate risks, supports net zero goals, provides recommendations for government policies on net zero and energy, and holds conferences to promote the Pathway to Net Zero.
16	Taiwan Transportation Vehicle Manufacturers Association	Recognizes climate risks, releases publications, and hosts conferences to discuss net zero emissions issues.
17	Taiwan Printed Circuit Association	Supports net zero goals, issues low carbon declarations, and holds conferences to promote the Pathway to Net Zero.
18	Taiwan Panel & Solution Association	Recognizes climate risks, supports net zero goals, and holds conferences to promote the Pathway to Net Zero.
19	Taipei Computer Association	Recognizes climate risks, supports net zero goals, and holds conferences to promote the Pathway to Net Zero.
20	Intelligent Transportation Society of Taiwan	Recognizes climate risks, supports net zero goals, and organizes low carbon transportation-related conferences and events.
21	The Business Council for Sustainable Development	Recognizes climate risks, supports net zero goals, and conducts initiatives and promotes the Pathway to Net Zero through conferences.
22	CommonWealth Sustainability League	Recognizes climate risks, supports net zero goals, promotes corporate sustainability development, and conducts initiatives and promotes the Pathway to Net Zero through conferences.

Number of trade associations that are partially misaligned with ASEH goals: 0

Name	Remarks on Assessment
None	None

Number of trade associations that are completely misaligned with ASEH goals: 0

Name	Remarks on Assessment
None	None



APPENDIX