Focus 6

Common Good

Power to Change Society
To pursue the goal of building a better society, the TSMC Education and Culture Foundation and TSMC Charity Foundation serve as focal points for funds, materials, and people from inside and outside TSMC to devote resources towards cultivation of youths, culture and arts, environmental awareness, caring for the disadvantaged and rural education. We hope to drive the development of society with kindness, passing on the power of love and prospect.

42,462 People
Hosted 61 TSMC Hsinchu Art Festivals, with a total of 42,462 participants

5,152 Million (NT$)
Invested NT$51.52 million to inspire youth’s interest in humanities and science

9,527 Services
Offered 9,527 services to elder people living alone through the Network of Love, and taught filial piety at 37 educational institutions
TSMC expects itself to be a driver for social progress. To achieve this goal, TSMC operates according to its CSR Policy and aligns its core business with SDGs. In addition, TSMC is attentive towards society’s needs and works to reduce resource gaps between rural and urban areas through public welfare activities, aiming to give back to society and achieve the goal of common good.

The TSMC Education and Culture Foundation promotes diversified education by focusing on education for disadvantaged youth and providing students with various platforms outside of the formal education system. TSMC is also sowing the seeds of culture and humanities so that a love for the arts can take root in society, working towards the goal of SDG 4 – Quality Education.

Moreover, the TSMC Charity Foundation is committed to long-term volunteer service. In order to realize the targets of SDG 1, 3 and 4, which cover No Poverty, Good Health and Well-being, and Quality Education respectively, the foundation serves the disadvantaged as well as seniors living alone, promotes filial piety and values environmental protection.

Our Social Investments

<table>
<thead>
<tr>
<th>Motive for Contribution</th>
<th>How We Contributed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash Contributions</td>
<td>NT$168,590,500</td>
</tr>
<tr>
<td>In-kind Giving</td>
<td>NT$264,036,716</td>
</tr>
<tr>
<td>Total</td>
<td>NT$584,820,008</td>
</tr>
</tbody>
</table>

Note: Our social investments include endeavors made by the Company (e.g. University Collaboration Programs, etc.), TSMC Education and Culture Foundation, TSMC Charity Foundation, TSMC employees (volunteer service and charity donations) and the Employee Welfare Committee.
TSMC Education and Culture Foundation

Care for the Educationally Disadvantaged
Cooperate with educational organizations from both the public and the private sectors, aiming to narrow the gap in education resources between urban and rural areas

- Continuously collaborate with public and private educational organizations and provide no less than NT$12 million in resources annually
- In addition to the Sunrise Scholarship at the National Tsing Hua University and the Sunflower Scholarship at the National Central University, the TSMC Foundation increased the scholarship to three more universities in Southern Taiwan and providing a total of NT$5.5 million in scholarship to 55 underprivileged students in 2019. The newly added Universities are National Cheng Kung University, National Sun Yat-sen University, and National Chung Cheng University in 2019

Diversified Education Platform
Continue to hold humanities and science events so as to provide youth with various platforms outside the educational system

- Youth events and competitions
  - TSMC Youth Calligraphy and Seal-Carving Competition with total of 695 participants
  - Hosting the Youth Literature Award for 16 consecutive years and has received 704 submissions in total
  - Sponsored the 17th ATCC Case Competition entitled “Usage 100%” as the topic of the competition, attracting 540 groups of students from 52 universities to register
- Target: Increase the number of youth event participants each year

Promote Arts and Culture
Periodically hold art festivals at TSMC’s fab sites in Hsinchu, Taichung and Tainan, so as to foster talented local art groups and promote exquisite fine arts in the community

- Sponsor 10 outstanding local artists or groups
- The TSMC Hsin-Chu Art Festival held 61 performances, inviting seven local groups and two foreign musicians, attracting 42,462 participants in total
- TSMC Lectures held four humanities lectures themed the Past and Present of Ethnic Minorities in China

- Exceeded  ◦ Achieved  ◦ Missed Target
In 2019, the TSMC Education and Culture Foundation contributed over NT$96.99 million into three main areas: Care for Educationally Disadvantaged, Diversified Education Platform, and Promote Arts and Culture. The contribution amount has increased 26% compared to 2018. In addition to cooperate with schools and NGOs to narrow the urban-rural gap in educational resources, in 2019, the Foundation have focused on creating diversified education platforms and hoping to cultivate young talent for the future. At the meantime, the Foundation also organized and sponsored various art events to provide a stage for talented artists and outstanding art groups, and hoping to enrich the local communities’ spiritual life toward a good and better society.

For further information about the events and the implementation status of sponsorships, please refer to the official website of the TSMC Education and Culture Foundation.

Sponsorship by the TSMC Education and Culture Foundation in 2019

<table>
<thead>
<tr>
<th>Year</th>
<th>Total: 96.69 Million (NT$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>6,841</td>
</tr>
<tr>
<td>2016</td>
<td>7,581</td>
</tr>
<tr>
<td>2017</td>
<td>7,679</td>
</tr>
<tr>
<td>2018</td>
<td>7,681</td>
</tr>
<tr>
<td>2019</td>
<td>9,699</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Area</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Care for Educationally Disadvantaged</td>
<td>6,841</td>
<td>7,581</td>
<td>7,679</td>
<td>7,681</td>
<td>9,699</td>
</tr>
<tr>
<td>Diversified Education Platform</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Promote Arts and Culture</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other administrative expenses</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Sponsorship from the TSMC Education and Culture Foundation between 2015 and 2019

Total: NT$96,990,000

Care for Educationally Disadvantaged
- Initiated a Media Survey for Taiwan’s New 12-year Compulsory Education Curriculum
- Additional Scholarships for Educationally Disadvantaged College Students
- Continuously Supporting Hope Reading 2.0

Diversified Education Platform
- Sponsored ATCC Case Competition
- TSMC Youth Dream Building Project
- Calligraphy and Literature Contests
- Sponsored Renovations for the World of Semiconductors at the National Museum of Natural Science

Promote Arts and Culture
- Invigorating the Arts Environment and Providing a Platform for Exhibits and Performances
  - TSMC Hsin-Chu Art Festival
  - Sponsored the Formosa New Year’s Concert
- Promoting Humanities Classics
  - TSMC Lectures
  - Sponsored Mr. Hsien-Yung Pai’s New Kunqu Classic Series
Care for Educationally Disadvantaged
TSMC Education and Culture Foundation

A widening academic achievement gap between rural and urban students due to the urban/rural divide, social structures, and disparities in educational resources.

What We Want to Solve

The Foundation has long been caring for educational issues since its establishment. In 2019, TSMC contributed NT$15.63 million and collaborated with educational organizations from both the private and public sectors, aiming to increase interest in learning for educationally disadvantaged students and improve their studies. In addition, with scholarships, the Foundation has successfully assisted outstanding but disadvantaged students in pursuing higher education in universities to shorten the gap in educational resources between urban and rural areas.

How We Respond

Our Actions

- Media Survey Initiative for the New 12-year Compulsory Education Curriculum
- Expand Scholarships for Disadvantaged College Students
- Continuously Supporting Hope Reading 2.0

Expand Scholarships for Disadvantaged College Students

In 2019, we sponsored the NTHU Sunrise Scholarship and the NCU Sunflower Scholarship but expanded to sponsor the NCKU New Star Scholarship, the NSYSU South Star Scholarship, and the CCU Chia Star Scholarship. A total of NT$5.5 million scholarship has been offered to 55 college students, and was increased 83% compared to last year. Our scholarships ease financial burdens, offer life & academic support, and help students focus in school. Such students are also invited to our art events to nurture art literacy.

Media Survey Initiative for the New 12-year Compulsory Education Curriculum

The New 12-year Compulsory Education Curriculum took effect in the 2019 academic year, the Foundation, having long cared for technology and rural education, launched a media survey with the United Daily News-Vision Project targeting teachers and students from 1,500 junior and senior high schools to understand teacher’s needs and offer advice for government policies. Designed to understand teachers, teaching materials, and software & hardware, the sampling survey also included industry insight from our R&D vice president and information department directors. Conducted through phones, the internet, and fax, the survey received 830 valid questionnaires from 1,033 schools and revealed two major challenges in most schools: (1) cultivating and recruiting science & technology teachers and; (2) procuring classrooms and hardware. Future literacy programs will be based on survey results.

Recipients of the TSMC Education and Culture Foundation Scholarships

Unit: Recipients

<table>
<thead>
<tr>
<th>Year</th>
<th>Sunrise Program Scholarship Recipients at NTHU</th>
<th>Sunflower Program Scholarship Recipients at NCU</th>
<th>Cheng Star Program Scholarship Recipients at NCKU</th>
<th>South Star Program Scholarship Recipients at NSYSU</th>
<th>The Total Number of Scholarship Recipients</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>5</td>
<td>12</td>
<td>19</td>
<td>29</td>
<td>55</td>
</tr>
<tr>
<td>2016</td>
<td>12</td>
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<td>2017</td>
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<td>2018</td>
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<td>37</td>
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<tr>
<td>2019</td>
<td>37</td>
<td>55</td>
<td>55</td>
<td>55</td>
<td>177</td>
</tr>
</tbody>
</table>

I would like to thank the Foundation for the South Star Scholarship, through reducing my family’s financial burdens, I have been allowed to focus in school instead of taking part-time jobs. It motivates me to work harder to enrich myself and strive to help students-in-need.

Mr. Chen
A South Star Scholarship recipient from the Oceanography Department at National Sun Yat-sen University

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Continuously Supporting Hope Reading 2.0

In 2019, the Foundation worked with the CommonWealth Education Foundation on the Hope Reading Program. Each year, 100 best books are recommended and donated to 200 elementary and junior high schools in rural areas. The program also includes an Elementary School Writing Contest, a Middle School In-Depth Report Contest, an International Reading Education Forum and a Reading Mobile Library & Cloud Professor Project. Up to 15,641 people have benefited from the program.

Encourages students to make a habit out of reading, writing and public speaking. The 2019 contest entitled I really want to tell you received 225 submissions, which was 114 more than last year. There were 30 students receiving awards.

Encourages junior high school students to learn ways of collecting, interpreting and analyzing data. Through this experience, they can eventually present their research results with their team members. The 2019 competition entitled I really want to tell you attracted students from 11 junior high schools in rural areas to participate. The event lasted for 2 days and included an eco-tour of Tamsui River.

We can feel that the Foundation works hard on promoting local cultures and civic values. Before participating in the event, students seldom expressed what they were thinking. However, because of this competition, they know they can be stars if they work hard enough. Therefore, I want to thank the foundation for providing this opportunity.

Ms. Hsu Shu-Hui
Supervisor of Bei-Mei Junior High School in Nantou

We don't have a lot of books at our school. However, because of the reading mobile library, students have more books and they like reading more than ever.

Ms. Huang Yu-Han
Section Director of Tan Nan Elementary School
In 2019, the TSMC Education and Culture Foundation represented TSMC to support the ATCC Case Competition entitled Usage 100%, which called on young people to care for society by encouraging them to put forward original ideas and business models related to reducing tangible and intangible waste. The competition attracted 540 groups of students from 52 universities and 51 groups were selected to be on the TSMC Team. The team was led by TSMC staff who shared their first-hand experiences with the team. These students were trained on presentation skills, proposal writing, financial plans, and implementation plans. In the end, the Package Plus team was selected to represent TSMC to attend the final round of competition and won second place. Team leader of Package Plus, Allen Yeh, a graduate student from the Department of International Business, National Chengchi University, further established a social enterprise based on this proposal, helping drive a positive social change through executing their innovation and ideals.
With the Youth Dream Building Project, we had the opportunity to contribute to society and the environment. Fabric that would have been thrown away was repurposed into team uniforms at the TSMC Sports Day. Fashion design students were also able to practice with waste fabric. We’ve truly experienced the positive impacts on society that this project holds.

Joyce Tsai
CFO of Team “Fabridge”

In order to expand the scope of influence of their projects, the TSMC Foundation invited previous winners of the Youth Dream Building Project to the TSMC Sports Day for further interaction with TSMC employees. From using waste fabric to make the relay team uniform by Team ”Fabridge”, the Indigo dying DIY activities by Team ”Hakka Blue”, the Dough figurine craft for finger rehabilitation by Team ”Angles” and shopping bag transformed from old clothes and waste fabric by Team ”The Bag master, the TSMC Foundation provided these youths the opportunity to realize their dreams but also offered our employees the chance to experience the creativity and energy of a younger generation.

For more details, please refer to TSMC CSR website: Team Fabridge of TSMC Youth Dream Building Project Shows Creativity, Reusing 1,645 Yards of Leftover Fabrics

Click to Watch Videos of the third Youth Dream Building Project

Rebag, previous winner of the Youth Dream Building Project, advocating for shopping bags made from old clothes and waste fabric at the TSMC Sports Day

3 Million (NT$) TSMC Youth Dream Building Project Scholarship

21 Universities participated in the TSMC Youth Dream Building Project

Fourth Youth Dream Building Project Finals
Calligraphy and Literature Contests

The TSMC Foundation organized diversified contests in the liberal arts to encourage young children to study literature and calligraphy, offer a stage for them to shine, and enrich artistic and cultural literacy.

In 2019, the TSMC Foundation organized the following contests:

- The fifth TSMC Novella Award to encourage participating writers to compose Chinese novellas and attracting over 150 manuscripts from writers in Taiwan, Mainland China, Hong Kong, and Malaysia.
- The 16th TSMC Youth Literature Award with the theme “A Dialogue with the Future” and receiving over 740 submission in addition to the contest, 14 Literature Award winners were invited to share the stories of their first encounters with works of three Taiwanese poets – Yu Kwang-chung, Luo Fu, and Chou Meng-teh and their own creative journey.
- The 12th TSMC Youth Calligraphy and Seal-Carving Competition with the theme “Architecture and Chinese Characters”, and receiving 695 participants in total. An Opening walking tour event - "Historical House Tour – the Beauty of Words" was organized, to show our young friends a different way of appreciating architectural beauty through calligraphy.

2019 Events and Contests

- **TSMC Youth Literature Award**
  
  Encourage young students to write short stories, new poetry, and prose.

- **TSMC Novella Award**
  
  Encourage young writers in Taiwan and Mainland China to write novellas.

- **TSMC Calligraphy and Seal-Carving Competition**
  
  Encourage high school students to learn calligraphy and seal-carving.

- **Youth Dream Building Project**
  
  Encourage students to act on their creativity and pursue their dreams.
Renovation Donations to the World of Semiconductors at the National Museum of Natural Science

To promote popular science education and cultivate future talent for the semiconductor industry, the TSMC Foundation sponsored the National Museum of Natural Science in setting up the World of Integrated Circuits in 1997. The exhibit was renamed in 2011 to the World of Semiconductors. In order to keep up with rapidly-changing technologies and ensure that the exhibit is up-to-date, the TSMC Foundation donated NT$40 million in 2019 to renovate the exhibit into five sections — Introduction to Semiconductors, Applications of Semiconductors, Progression of Semiconductors, Innovative Semiconductors, and the Future of Semiconductors. The updated exhibit will employ new techniques such as gesture interaction and a mix of the real and virtual. Volunteers from the TSMC Charity Foundation will also offer tour services, introducing the public to the science behind semiconductors and industry trends while inspiring interest among young students.
Promote Arts and Culture
TSMC Education and Culture Foundation

What We Want to Solve
Liven the performing environment for art and culture, support local art and cultural groups, and enrich the spiritual life of residents in the community

What We Want to Solve
Liven the performing environment for art and culture, support local art and cultural groups, and enrich the spiritual life of residents in the community

Our Actions

- Supporting & Creating a Space for the Arts
  - TSMC Hsin-Chu Art Festival
  - Sponsored the Formosa New Year’s Concert
- Promote Humanities Classics
  - TSMC Lectures
  - Sponsored Mr. Hsien-Yung Pai’s New Kunqu Classic Series

How We Respond

Committed NTS21.63 million in 2019 to organize high-quality art & culture exhibits and performances such as Chinese opera and concerts

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Supporting & Creating a Space for the Arts

TSMC Hsin-Chu Art Festival
The TSMC Foundation has been holding the Hsin-Chu Art Festival for 17 consecutive years, with each year revolving around a different theme. Major art events are held regularly in Hsinchu, Taichung, and Tainan to help the public experience the beauty of art and make a tangible contribution to the community’s spiritual life.

The theme for 2019 was Listen to the Muses, featuring three series of arts and cultural performances – Poetry, Music, and Theater. The TSMC Foundation sponsored 7 local art groups and 2 international musicians in a total of 61 performances that attracted over 42,462 participants. Programs included an exhibit on the works of Yu Kwang-chung, Luo Fu, and Chou Meng-tieh as part of Poetry; beautiful musical performances by world-famous Polish pianist, Krystian Zimerman, and legendary blind Japanese pianist, Nobuyuki Tsujii, as part of Music; and a spiritual feast for our community with the GuoGuang Opera Company’s The Painting of 18 Arhats and Taipei Quyituan’s Crazy about Xiangsheng as part of Theater.

Supporting & Creating a Space for the Arts

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TSMC Education & Culture Foundation Supports Local & International Art Groups

Note: Data from 1998 to 2019

Total Groups
318
International Groups
19%
Taiwanese Groups
81%

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Art-sharing at Huai-ming School (A special school for visually impaired students)

TSMC Education & Culture Foundation Supports Local & International Art Groups

Note: Data from 1998 to 2019

Total Groups
318
International Groups
19%
Taiwanese Groups
81%
Formosa New Year’s Concert Sponsor

In 2019, the TSMC Foundation sponsored the One Song Orchestra for its first ever major outdoor concert, the 2019 Formosa New Year’s Concert. The concert included Taiwanese opera, Hakka songs, aboriginal music, campus folk songs, Taiwanese pop songs, and also witnessed collaborations with many famous performers, creating a new year’s feast that is uniquely in Taiwan. With melodies well-known to the Taiwanese public, the concert attracted an audience of 3,000 and the feed was viewed over 800,000 times.

Promote Humanities Classics

TSMC Lectures

Since 2014, the TSMC Foundation has held the TSMC Lectures to promote humanities classics from the East and West. The theme for 2019 was Eastern Civilization and Dr. Ming-Ke Wang, a Fellow of Academia Sinica, was invited to speak on Ethnicity, Myth, and History: the Past and Present of Ethnic Minorities in China using archaeological and anthropological studies to detail how the Yi, Rong, Man, and Di peoples became ethnic minorities in present day China. The four lectures were well-received and all welcomed a full audience.

Sponsor to Mr. Hsien-Yung Pai’s New Kunqu Classic Series

The TSMC Foundation is devoted to promote traditional arts and culture. In 2019, the Foundation sponsored famed author, Mr. Hsien-Yung Pai, for a tour of his new Kunqu series including The Story of Golden Lotus and The Jade Hairpin. Kunqu, a form of traditional Chinese Opera, is recognized by UNESCO as an Intangible Cultural Heritage of Humanity. In order to help preserve the precious cultural asset and allow it to grow, the Foundation is sponsoring performances and also offering Kunqu lectures in schools. 450 students from Hsinchu and Taichung, where TSMC facilities are located, were invited to enjoy the performances to introduce the younger generation to the beauty of Kunqu.
TSMC Charity Foundation

Strategies & 2030 Goals  2019 Achievements  2020 Targets

Care for the Disadvantaged
We offer living and educational support to the disadvantaged through book-reading, community, and corporate volunteers.
We care about inequality of educational resources & emergency aid in Taiwan and offer support when necessary.

- Provide more than 10,000 hours of reading service each year
- Donate at least NT$18 million to the disadvantaged each year
- Help over 10,000 children in remote areas

- Reading service exceeded 8,400 hours
- Donated NT$13.21 million to the disadvantaged
- The remote education program helped over 1,400 children

- Provide more than 8,500 hours of reading service
- Donate at least NT$11 million to the disadvantaged
- Help over 2,000 children with the remote education program

Take Care of Elder People Living Alone
We work with hospitals across Taiwan through the Network of Love system and provide a variety of medical resources to support medical care for elder people living alone.

- Provide 12,000 service visits to elder people living alone through Network of Love

- Offered 9,527 services to elder people living alone

- Offer 10,000 services through the Network of Love

Promote Filial Piety
We collaborate with the Ministry of Education, schools, media, and other enterprises to promote filial piety education at schools.

- Promote filial piety education in 120 educational institutions

- Promoted filial piety education in 37 educational institutions

- Promote filial piety education in 50 educational institutions

Environmental Protection
We aim to reduce waste through the Cherish Food Program. We also promote environmental protection and energy conservation through our energy-saving volunteers, eco-volunteers, and corporate volunteers.

- Over 50,000 annual cumulative beneficiaries of the Cherish Food Program each year
- Environmental protection volunteers provide over 1,200 services each year

- Over 21,791 cumulative beneficiaries of the Cherish Food Program
- Environmental protection volunteers provided 770 services

- Over 25,000 cumulative beneficiaries of the Cherish Food Program
- Environmental protection volunteers provide 1,000 person-time services

Note: The focus of volunteers in 2019 was on Caring for the Disadvantaged and Taking Care of Elder People Living Alone. Volunteer service related to environmental protection did not meet the 2019 targets. TSMC intends to recruit more eco-volunteers and arrange more activities in order to meet the annual targets.
In 2019, the TSMC Charity Foundation continued to focus on four major areas: Caring for the Disadvantaged, Taking Care of Elder People Living Alone, Promoting Filial Piety, and Environmental Protection. Caring for the Disadvantaged was the main direction, with Education in Remote Areas and Disadvantaged Aid as the two primary focuses in 2019. Onsite visits to disadvantaged families helped ensure that resources are being devoted to those in need. Through our efforts, we hope to narrow the gap between the rich and poor, and balance the inequality in educational resources in remote areas. TSMC strives to drive positive change through actual actions.

Core Services

<table>
<thead>
<tr>
<th>Service Area</th>
<th>Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Care for the Disadvantaged</td>
<td>Emergency aid, living and educational support for the disadvantaged, and more volunteer service</td>
</tr>
<tr>
<td></td>
<td>● Employ digital technology to improve education in remote areas</td>
</tr>
<tr>
<td></td>
<td>● Organize donations from the public to offer emergency aid to the disadvantaged</td>
</tr>
<tr>
<td></td>
<td>● Offer book-reading volunteers and community volunteers</td>
</tr>
<tr>
<td>Take Care of Elder People Living Alone</td>
<td>Offer care and service to elder people living alone through the Network of Love</td>
</tr>
<tr>
<td></td>
<td>● Continue working with 12 partners of the Network of Love Program</td>
</tr>
<tr>
<td></td>
<td>● Assist in supplying necessary medical resources</td>
</tr>
<tr>
<td></td>
<td>● Offer volunteer service</td>
</tr>
<tr>
<td>Promote Filial Piety</td>
<td>Work with media, corporations, volunteers, and teachers from the Ministry of Education to promote filial piety</td>
</tr>
<tr>
<td></td>
<td>● Host filial piety family events</td>
</tr>
<tr>
<td></td>
<td>● Continue to promote filial piety volunteers</td>
</tr>
<tr>
<td>Environmental Protection</td>
<td>Eco-volunteers &amp; energy conservation volunteers continue to serve and expand the Cherish Food Program</td>
</tr>
<tr>
<td></td>
<td>● Reduce food waste</td>
</tr>
<tr>
<td></td>
<td>● Offer energy conservation volunteers &amp; eco-volunteers</td>
</tr>
<tr>
<td></td>
<td>● Assist disadvantaged units set up solar panels</td>
</tr>
</tbody>
</table>

- **8,174 Volunteers**
- **83,797 Service Hours**
- **17,593 Times of Volunteer Service**
- **64,715 Beneficiaries**
- **26,205 Donations**

**Donated over NT$52.69 million (including cash donations, goods donation, repair services or other indirect donations)**
Donations by the TSMC Charity Foundation

What We Donated
- Goods & Service: 14.4%
- Cash: 23.1%
- Time: 62.5%
- Total: NT$ 140,677,203

How We Donated
- Community Investment: 73.8%
- Charitable Donations: 23.4%
- Commercial Initiatives: 2.8%
- Total: NT$ 140,677,203

Projects We Supported
- Care for the Disadvantaged: 77.2%
- Take Care of Elder People Living Alone: 15.5%
- Promote Filial Piety: 2.1%
- Environmental Protection: 5.2%
- Total: NT$ 140,677,203

Accumulated Volunteer Headcount
- 2015: 6,812
- 2016: 7,838
- 2017: 8,776
- 2018: 10,266
- 2019: 8,174

Accumulated Volunteer Service
- 2015: 10,191
- 2016: 16,570
- 2017: 24,612
- 2018: 27,590
- 2019: 17,593

Accumulated Volunteer Service Hours
- 2015: 54,573
- 2016: 93,623
- 2017: 106,176
- 2018: 109,059
- 2019: 83,797

Note 1: Classify all activities into cash, time, goods and services according to DJSI’s definition, and calculate the ratio of each category’s investment by monetary value (NT$). Time: volunteer service hours* average hourly wage. Goods and services: the dollar amount of the Company offering of such goods and services.

Note 2: Classify all activities into charitable donation, community investment, and commercial initiatives according to DJSI’s definition, and calculate the ratio of each type’s investment by monetary value (NT$).

Note 3: Volunteer headcount, person-time, and service hours in 2019 all decreased from 2018 because (1) volunteer service increased to meet demands for emergency relief during the Hualien earthquake in February of 2018, and (2) The World of Semiconductors exhibition hall at the National Museum of Natural Science was under maintenance in 2019, resulting in a temporary decrease in tour volunteer service. 
We are grateful that TSMC introduced the Junyi Academy, allowing teachers to offer teaching materials based on each student’s level and also allowing children to learn more confidently.

Chen, Mei-ju
CEO of Taiwan Association of Paying Love Forward

According to the 2018 statistics from the Ministry of Finance, the highest average household income in Taiwan doubled from that of the lowest household income. The gaps between the rich and poor, and between cities and rural areas lead to disparities in education resources and living standards, which is an underlying issue for our society.

What We Want to Solve

Care for the Disadvantaged
TSMC Charity Foundation

Our Actions

- Close the Urban/ Rural Divide with Empowerment Projects for Education in Remote Areas
- No More Regrets with the Ten Thousand Dollars Per Household Program & Emergency Aid for the Disadvantaged Program
- Book-reading Volunteers Regularly Visit Remote Areas
- Community Volunteers in Action

How We Respond

The TSMC Charity Foundation strives to care for people locally, and is devoted to narrowing the gap between the rich and poor, and resolving the uneven distribution of educational resources. In 2019, the foundation targeted Rural Education and Disadvantaged Aid, assisting the disadvantaged in improving living conditions and quality of education through the donation of cash, goods, and volunteer service.

Close the Urban/ Rural Divide with Empowerment Projects for Education in Remote Areas

In order to provide children in remote areas with more comprehensive educational resources, the TSMC Charity Foundation has donated hardware equipment, hosted teacher training programs for online teaching, and attempted to fill the resource gap between urban and rural areas so we can expand the students’ learning capacities.

Better Hardware Resources for Remote Areas

The TSMC Charity Foundation has donated tablet PCs and secondhand computers to educational institutions for the disadvantaged and improved their network environments. The devices will allow children in remote areas to enjoy educational resources that are diverse and more fitting for their own pace and interest. In 2019, the charity foundation delivered 480 tablet PCs and 114 secondhand computers to 25 institutions, and established two network environments.

Send Love Across Taiwan with Technology Devices

We are grateful that TSMC introduced the Junyi Academy, allowing teachers to offer teaching materials based on each student’s level and also allowing children to learn more confidently.

Chen, Mei-ju
CEO of Taiwan Association of Paying Love Forward

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Host Online Teaching Training

The TSMC Charity Foundation worked with the Junyi Academy to help introduce online teaching resources to remote areas, offering funding for volunteer training and digital tools training for teachers, and alleviate the challenges faced by the lack of teachers in remote areas. The volunteers from Advanced Packaging Technology and Service Organization, Intelligent Manufacturing Center, Corporate Planning Organization, Fab 12 A, Fab 12B, and Fab 15B co-hosted or attended teacher trainings to form a strong support system for education in remote areas. In 2019, TSMC hosted a total of 11 teacher training sessions where 264 teachers and volunteers participated.

Please refer to TSMC’s Volunteer Incorporate Online Teaching Materials into Services to Strengthen Education Resources in Rural Areas on the TSMC Corporate Social Responsibility website for more details.

Work with Microsoft Taiwan to Introduce Coding as Part of the Curriculum

Students in remote areas rarely get a sense of achievement from learning which demotivates them from learning. The TSMC Charity Foundation worked with Microsoft Taiwan to introduce remote schools to coding. Students learn programming languages through games and develop their own games using their creativity, helping to build confidence and a sense of achievement in students. In 2019, the first group of 32 volunteers completed their training and hosted three courses at Hexion Elementary School in the Hsinchu County, with a total of 54 students (person-time) benefitting from the courses.

Establish After-school Class in Changhua

In 2019, the TSMC Charity Foundation offered training funds, hardware equipment, and repair services to the after school location in Changhua. We worked with the BOYO Social Welfare Foundation, which is equally concerned with education, to establish a location for After-school Classes in Changhua. The location was completed and opened in September of 2019, assisting disadvantaged children with their homework and offering additional after school services. TSMC is working with outside charities to further devote more diverse resources into education in remote areas.

Repair or Rebuild After-school Classrooms for Disadvantaged Children

- **Repair the Xizhi After School Classroom in New Taipei City**

  In 2019, the TSMC Charity Foundation, along with fund-raising through the Sending Love charity platform, donated NT$1.68 million and worked with TSMC’s Facility Division to assist in repairing the After-school Classroom, offering children a safe learning environment after school.

- **Rebuild the 530 After-school Program in Luanshan, Taitung**

  In 2019, the TSMC Charity Foundation worked with TSMC’s Facility Division to have our fab architects and structure technicians find a new location for the After-school program. The new location was rebuilt within 30 days, ensuring that the 530 After-school Program will not have to take a break from serving students.

### 594 Tablet PCs/Computers

were delivered to 25 institutions in remote areas, more than 1,400 children benefitted.

![Image of children using tablets]

The TSMC Charity Foundation helped introduce online teaching resources to remote areas.

### 260 Teachers

participated in the Online Teaching Training.

![Image of teachers participating in training]

Please refer to TSMC’s Volunteer Incorporate Online Teaching Materials into Services to Strengthen Education Resources in Rural Areas on the TSMC Corporate Social Responsibility website for more details.
In 2019, the TSMC Charity Foundation extended the Ten Thousand Dollars Per Household and Emergency Aid for the Disadvantaged Program by visiting disadvantaged families across Taiwan to help those most in need. The Foundation worked with the Sending Love platform to find social resources for these households and to offer them basic necessities. In addition to the ongoing support to Hsinchu City, Taichung City, Tainan City, Kaohsiung City, and Hualien County, the Foundation began providing service to Hsinchu County, Changhua County, Taitung City, and Chiayi City in 2019. As of the end of 2019, the Foundation has visited a total of 165 disadvantaged households and established case files for 65 households.

TSMC Volunteers Join in Support

The TSMC Charity Foundation is spearheading a team that includes volunteers from Intelligent Manufacturing Center, Advanced Packaging Technology and Service Organization, Corporate Planning Organization, Fab 8, Fab 14, Fab 15A, and Fab 15B to help seek cases most in need and expand the scope of service.

Rigorous Oversight

In addition to finding the best fit for social resources, the Foundation tracks how donations are used to prevent cases from misappropriating welfare. In 2019, funding was terminated for a total of 4 households because of other funding or misuse of funds.

Comprehensive Care with New Donation Function

The TSMC Charity Foundation continues to develop more services to support the disadvantaged. In 2019, it established a donation platform that matches supply with demand through logistics companies. Generous people can donate money and necessary actual goods to the disadvantaged.

Please refer to TSMC Calls on Society to Put Love Together and Send It out on the TSMC Corporate Social Responsibility website for more details.

We are happy to be working with TSMC to ensure that resources are delivered to those actually in need. The criteria for disadvantaged case files established by TSMC is very rigorous and is able to really understand local needs to offer necessary support and assistance.

Lin, Chia-wei
Director of the Social Affairs Bureau, Chiayi City Government
Book-reading Volunteers Regularly Visit Remote Areas

Book-reading volunteers regularly go to elementary schools in remote areas of Hsinchu, Taichung, and Tainan to read stories and teach English & math. We hope that the volunteers’ company and diverse teaching materials can increase student’s interest in learning. We also offer scholarships to motivate students to learn and read. In 2019, book-reading volunteers served a total of 1,696 times with 8,400 service hours.

The Legal Organization regularly goes to the Yuandong Elementary School in Hsinchu to teach English, using teaching materials close to the daily life and competitive games to think outside of the box and trigger interest among children in learning English. The Advanced Packaging Technology and Service Organization, Intelligent Engineering Center, and Product Development Organization continued to work with the Ruei Yuan Elementary School in Taoyuan City, the Anding Elementary School in Tainan City, the Meihua Elementary School in Hsinchu County, and the Hexing Elementary School in Hsinchu County through book-reading services and scientific experiments to narrow the gap between these students and science.

Community Volunteers in Action

Community volunteers regularly visit the Veteran’s Home and Teresa Children’s Home to accompany senior citizens and children, connecting them with events and activities as well. In 2019, community volunteers serviced a total of 840 times with over 6,000 service hours.

In 2019, Fab 8 and the Quality and Reliability Organization provided support to the St. Francis’ Maiden’s House, Renai Children’s Home in Hsinchu City, and St. Francis’ Nursery in Miaoli. The goal was to “Explore Skills for New Career Possibilities” hoping to inspire confidence and interest in career development among students through career day and DIY activities. The Facility Division serves at the Hualien District Haili Holiday School every Saturday, with about 550 volunteers providing services in 2019 to teach students and make sure that they are enjoying the learning process.

Repairing the Hualien Kaige Garden Halfway House

The Hualien Kaige Garden Halfway House was old and run down. The structure of the Halfway House was also a serious concern after the earthquake in 2019. The Facility Division therefore donated around NT$1 million and assisted in repairing cracked walls and reinforcing the structure to provide children with a safer and more comfortable environment for living and learning.

The TSMC Charity Foundation has lent their support during our time in need. We were afraid of earthquakes before because the halfway house would shake violently but with TSMC’s structural reinforcement, we haven’t felt any of the past few earthquakes and we feel much safer now.

Chang, Li-ying
Director of the Hualien Kaige Garden Halfway House
Happy Learning with Board Games

The Intelligent Manufacturing Center is introducing an interactive design between teamwork and ecosystem through board games and its volunteers. The goal is to help the students at the After School Association of Taiwan improve reactive capabilities, logic, social interactions, and learn resource and environmental sustainability.

400,000 (NT$) was raised to help San Goodman Special Education Center

Sponsoring Social Welfare Agencies

Volunteers from Fab 6, Fab 8, Fab 12A, Fab 12B, Fab 14, the Intelligent Manufacturing Center, Product Development Organization, etc. assisted the Luway Opportunity Center, Syin-Lu Social Welfare Foundation, Taiwan Fund for Children and Families, Shandao College, and other social welfare agencies in raising funds, participating in fairs, collecting donations for after school programs, etc. to ensure that all charities and social welfare agencies that genuinely want to improve education for children can continue to do so. The Product Development Organization helped raise nearly NT$400,000, purchased four electric shower gurneys, and improved facilities for the San Goodman Special Education Center.

Helping Disadvantaged Farmers

With aging people and insufficient labors in remote areas, most elder farmers are no longer able to take care of their farms by themselves. Volunteers from Human Resources, Fab 2, Fab 5, and Fab 12B have launched a program to help the farmers harvest their fruits. The program not only emphasizes on cherishing foods and preventing food waste but also allows TSMC employees to experience the difficulties of being a farmer.

Eyes on Us

Photography volunteers from Fab 2 and Fab 5 continued to accompany students at the Yufeng Elementary School and the Shilei Elementary School in Hsinchu County. In 2019, they not only called on their colleagues to donate 108 secondhand cameras but also taught the children photography techniques. Exhibitions were held to showcase the children’s works and they were encouraged to attend national photography competitions to boost confidence and improve each year.

5,250 People Benefitted from the three concerts

Co-hosting Charity Concerts with Other Charities

Fab 14, the Advanced Packaging Technology and Service Organization, Junyi Academy (which proactively promotes education in remote areas), and Teach for Taiwan co-hosted the Charity Concerts, using music as a vessel to raise awareness and attract more sponsors. Disadvantaged children were also invited to the concerts, and a total of 5,250 people benefitted from the three concerts.
According to the statistics from the Ministry of Interior, R.O.C., Taiwan became an aging society in 2019 with over 14% of its population over 65 years old. The number and various needs of disadvantaged elder people may continue to grow.

What We Want to Solve

The TSMC Charity Foundation will continue to devote its volunteers and resources to our medical and care partners from the Network of Love across Taiwan. We offer resources and platforms for interaction to provide elder people living alone with quality, convenient, and comprehensive care in an attempt to meet their demands.

Network of Love Partners Work Together to Better Serve Elder People Living Alone

In 2019, the TSMC Charity Foundation worked with partners of the Network of Love to connect medical care and service providers, giving out warm items in winter before the Lunar new year and mooncakes before the Mid-autumn festival. Over 1,700 seniors benefitted from the program. The Foundation also regularly hosts sharing sessions with its partners to share service methods.

How We Respond

The TSMC Charity Foundation will continue to devote its volunteers and resources to our medical and care partners from the Network of Love across Taiwan. We offer resources and platforms for interaction to provide elder people living alone with quality, convenient, and comprehensive care in an attempt to meet their demands.

We appreciate TSMC for working with us and guiding us in our charitable ventures and in creating a warm and caring society.

Lee, Pei-yu
Director of the Fooyin University Office of Student Affairs Service-Learning Center

We would like to thank the TSMC Charity Foundation for connecting love and energy across Taiwan to help everyone and make Taiwan a better place!

Chiu, Yen-yin
CEO at the Mennonite Social Welfare Foundation
Closing the Medical Resource Gap

Set Up Intelligent Management Systems in Nursing Homes

In 2019, the TSMC Charity Foundation visited nursing homes in Hsinchu to understand their needs and subsequently helped set up intelligent management systems as well as purchased additional medical equipment for daily use. The system has an indoor GPS that ensures the safety of elder people and it can also help reduce the administrative workload of care providers, allowing elder people to receive better care. Around 140 people benefitted from this project.

Ultrasound Probe Donations to the Iron Doctor of Taitung - Dr. Lu Ke-fan

Dr. Lu Ke-fan, nicknamed the Iron Doctor by local people, received the 28th Medical Contribution Award and has served at the Dawu Township Public Health Center, Taitung County for the past 10 years, traveling between downtown Taitung to the health center every day. In 2019, the TSMC Charity Foundation conducted onsite visits and found that the Dawu Township Public Health Center lacked cardiac care equipment. To improve the quality of medical care in remote areas, the Foundation decided to donate high-end cardiac and vascular ultrasound probes to assist Dr. Lu in offering more precise medical treatments to local elder people.

Develop & Donate Shower Gurneys for Elderly Care

Elder people who have lain in bed for a long time are often unable to shower and bathe because of limited mobility or the lack of appropriate showering equipment. TSMC’s Facility Division developed a shower gurney that can meet such a demand. It can prevent water from clogging and subsequently resulting in injuries to the users. It is also great for helping those with limited mobility to bathe and clean, thus improving their quality of life. In 2019, TSMC donated 21 shower gurneys to related social welfare groups.
New Years Celebration with Gifts

In 2019, volunteers from Fab 3, Fab 12A, Fab 12B, Fab 15A, and Fab 15B purchased and donated new year food to institutions that offer geriatric care such as the Hsinchu Social Service Center, the Huashan Foundation, and the Old Five Old Foundation to celebrate the new year with elder people.

Mother’s Day, Dragon Boat Festival & Christmas Services

Volunteers celebrated festivals with elder people living alone. In 2019, **Fab 15A volunteers** accompanied elderly people living alone to celebrate Mother’s Day, and called for their colleagues to donate a large AC unit to the Huashan Foundation so elderly people can enjoy a more comfortable living environment. **Fab 15B volunteers** wrapped rice dumplings with elderly people living alone during the Dragon Boat Festival and gave them blood pressure monitors and handmade cards. **Fab 8 volunteers** interacted and had fun with elderly people at the Miao-Li Elders’ Nursing Center during Dragon Boat Festival and Christmas.

Encouraging Elders to Attend Outdoor Activities

**Fab 3 volunteers** collaborated with the Hsinchu Welfare Center to hold a hiking event at the 18 Peaks Mountain Park. The event included some game challenges along the route that raised awareness for dementia, aging, energy conservation, etc., helping elderly people have closer social interaction with volunteers. **Fab 15B volunteers** accompanied elderly people living alone to shop daily necessities, helping them interact with the outside world and get out of the house.
Promote Filial Piety
TSMC Charity Foundation

According to the statistics from the Ministry of Health and Welfare, Taiwan’s society is now an aging society and the percentage of elder people living alone continues to rise. Considering the limited social resources, the TSMC Charity Foundation is hoping to strengthen concepts of filial piety and family values to tackle the challenge from the root.

What We Want to Solve

The Ministry of Education Will Implement the New Filial Piety Project
Continued to Work with the Filial Piety Resource Center of the State Education Department of the Ministry of Education

Our Actions

- Filial Piety Workshops
- Filial Piety Story Reading
- Introduce Filial Piety into Sponsored Activities

Hosted Filial Piety Training Workshop with the After School Association of Taiwan

30 people Parents & Children Joined
83 Participants Seed Classrooms

Labor Affairs Bureau of Tainan City Government Filial Piety Workshop

30 people Parents & Children Joined

Jamm Active Educational Foundation Filial Piety Workshop

Published the Filial Piety X Ecology Picture Book Jointly with Global Kids Books

Continued to Work with the Filial Piety Resource Center of the State Education Department of the Ministry of Education

Collaboration with Locals/Groups

- Filial Piety Volunteers
- Filial Piety Workshop

Filial Piety Volunteers
104
Enjoyed Parents & Children
120

How We Respond

The TSMC Charity Foundation believes that we can soften the blow from an aged society through diverse events for filial piety, promoting family relationship filled with understanding and care, increasing awareness on filial piety among our youth, and caring for the elder people.
Filial Piety Workshops
In 2019, the TSMC Charity Foundation and the Filial Piety Resource Center of the K-12 Education Administration, the Ministry of Education co-hosted 6 filial piety workshops to encourage parents and children to share their feelings and thoughts through drawing and talking. This is to strengthen and raise awareness for filial piety in the families. A total of 180 company employees and external parties participated in the workshops.

The Intelligent Manufacturing Center worked with the After School Association of Taiwan to introduce the filial piety workshop model into trainings for after school teachers. Three trainings were hosted in 2019 with over 83 seed teachers participating in the trainings. The influence could extend to around 2,700 students.

Filial Piety Story Reading
In 2019, TSMC’s filial piety volunteers read stories on filial piety at schools, organized activities revolving around filial piety, and prepared fun, interactive lessons to imbue teachings of filial piety into the curriculum so as to sow the seeds of filial piety. We are currently working with 12 schools through 204 filial piety volunteers.

Fab 2, Fab 5, and Fab 15B have been promoting filial piety at the Fuxing Elementary School and the Beishi Elementary School through interactions, stories or worksheets, encouraging students to give gifts with love to elders in their families to enhance the concept of filial piety. In 2019, over a total of 2,000 children listened to stories of filial piety, helping strengthen the relationship with elders in their families.

Introduce Filial Piety into Sponsored Activities
The Corporate Planning Organization has included elements of filial piety into activities sponsored by TSMC. In 2019, TSMC provided resources to children for a bike tour around Taiwan and filmed The Declaration of Filial Piety, hoping to slowly promote concepts of filial piety and deliver the message of appreciation through filial piety.

I learned from the story books that filial piety doesn’t have to wait until I’m older and can make money. Giving back to my elders the way they care for me is also filial piety!

Student
Beishi Elementary School
Cherish Food Program 2.0 — Expanding Our Scope and Getting More Partners

In 2019, the TSMC Charity Foundation expanded the scope of the Cherish Food Program. In addition to donating 6 freezers to institutions that serve the disadvantaged and working with Chi Mei Food, the Foundation added five new food partners including Laurel Corporation, Hsin Tung Yang, Hunya Foods Co., Ltd., Lian Hwa Foods Corporation, and Shih Chen Foods Co., Ltd. The Foundation regularly sent goodwill foods to 45 places that serve the disadvantaged, helping over a total of 21,791 beneficiaries in 2019.

The Intelligent Manufacturing Center hosted four educational workshops on cherishing foods, cooking with goodwill vegetables and fruits and encouraging teachers from the After School Association of Taiwan to take this lesson into their own classrooms. Over 144 participants attended the event.

Distributing Goodwill Food to Locations Across Taiwan

Six Companies Offer Fresh Goodwill Products

- Chi Mei Frozen Food
- Hsin Tung Yang
- Laurel Corporation
- Lian Hwa Foods Corporation
- Hunya Foods Co., Ltd.
- Shih Chen Foods Co., Ltd.

How We Respond

Energy-saving and ecology volunteers go to schools and communities to help with energy and water conservation, promoting green and sustainable habits, and supporting renewable energies. The Foundation also works with food companies to reduce food waste.

What We Want to Solve

Climate change has brought on environmental issues and food inequality. Corporations should take action and help reduce the negative impacts of climate change.

Our Actions

- Cherish Food Program 2.0 — Expanding Our Scope and Getting More Partners
- Energy-Saving Volunteers
- Ecology Volunteers Deliver Green Message

Our Business  Sustainable Governance  Our Focuses and Progress  Appendix

2019 Corporate Social Responsibility Report

Ethical Management  Innovation and Service  Responsible Supply Chain  Green Manufacturing  Inclusive Workplace  Common Good

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Corporate Social Responsibility
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Ethical Management
Innovation and Service
Responsible Supply Chain
Green Manufacturing
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Energy-Saving Volunteers

TSMC’s energy-saving volunteers have strong know-how on electrical engineering and are capable of assessing and improving the efficiency of energy as well as ensuring energy security. In 2019, energy-saving volunteers from Fab 6 offered three services in Tainan, assessing and improving water and energy conservation at schools. Through the project, TSMC also hopes to offer students hands-on lessons and raise awareness for energy conservation. In 2019, energy-saving volunteers served a total of 238 times with over 2,400 hours of energy-saving services.

Ecology Volunteers Deliver Green Message

TSMC pays attention to environmental protection and is actively creating a factory ecosystem that is conducive to biodiversity. TSMC creates three green sustainable parks throughout Taiwan including Fab 12B in Hsinchu, Fab 15 in Taichung, and Fab 14 in Tainan. Technology and ecology coexist in the three parks which will also be open to students from remote areas to tour, experience cleanroom suits, engage in DIY activities, and conduct scientific experiments. Ecology volunteers from TSMC also serve regularly at the Shuihu Ecological Education Park to share the environmental knowledge and the beauty of nature with the public and students alike, strengthening their understanding and participation in environmental protection. In 2019, ecology volunteers served a total of 533 times, providing over 2,100 hours in ecological tours.

Solar Panels Installation for the Hualien Kaige Garden Halfway House

In 2019, the Facility Division donated over NT$900,000 to set up solar panels for the Hualien Kaige Garden Halfway House. The donation was to support renewable energy and environmental protection, and help the Halfway House receive monthly financial support from the sale of green energy.

> 900,000 (NT$) were donated to set up solar panels

Beach Clean-up Activity on Earth Day

In 2019, the Advanced Packaging Technology and Service Organization encouraged its employees and families to participate in a beach clean-up activity in Xinwu of Taoyuan as part of the Earth Day campaign.

Tour Volunteers Show the Public the Latest Technology Applications

TSMC believes that sharing technology knowledge is one of the most important ways to give back to society. TSMC provides tour services to The World of Semiconductors at the National Museum of Natural Science and TSMC’s Museum of Innovation for the general public to better understand the semiconductor industry and its applications. In 2019, TSMC devoted resources to help renovate The World of Semiconductors exhibition hall to ensure that all the information is comprehensive and up-to-date. In 2019, tour volunteers served a total of 500 times, providing over 2,000 hours of tour services.