Power to Change Society

The TSMC Education and Culture Foundation and TSMC Charity Foundation continue to serve as focal points for funds, materials, and people from inside and outside TSMC to devote resources towards caring for the disadvantaged, revitalizing values of filial piety, rural education, cultivation of youths, culture and arts, energy conservation, environmental awareness, and many other activities. The Foundations put resources towards filling the gaps in society, passing on the power of kindness and care.

>373%
Books read by students increased from 19 to 90 per year, a 373% growth brought about by the Hope Reading 2.0 program

40 million (NT$)
Over NT$40 million invested to foster interest in science and the humanities in the next generation

9,000
9,000 seniors living alone have been covered in the Network of Love system; filial piety curriculum has been implemented in 21 educational institutions
Our Social Investments

- Motive for Contribution: 22.89%
- Commercial Initiatives: 47.42%
- Community Investments: 21.69%
- Charitable Donations: 1.69%

Our Focuses and Progress

- Our Business
- Sustainable Governance
- Ethical Management
- Innovation and Service
- Responsible Supply Chain
- Green Manufacturing
- Inclusive Workplace
- Common Good
- Appendix

- Philanthropy Drivers
  - UN Sustainable Development Goals
  - TSMC Corporate Social Responsibility Policies
  - Needs of Taiwan Society

- Philanthropy Platform
  - Hold educational events to help young people develop diversified interests and self-exploration

- Diversified Education
  - Help low-income elderly people living alone
  - Enhance the environment of local arts and culture in society

- Improve the welfare of elderly people living alone

- Foster outstanding arts and cultural groups in Taiwan

- Philanthropy Measures
  - Bridge the rural-urban educational gap
  - Cultivate scientific literacy and aesthetic appreciation among youths

- Philanthropy Target Group
  - Educationally disadvantaged students
  - High school and university students
  - Arts and cultural groups and local residents
  - Schools and education institutions
  - The disadvantaged

- Philanthropy Funding
  - 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 services and charity donations) and the Employee Welfare Committee

- Financial Overview
  - Total
  - Management Overheads
  - In-kind Giving
  - Time

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 services and charity donations) and the Employee Welfare Committee

Strengthened by support from across society, TSMC stands by the commitments of its Corporate Social Responsibility Policy, and focuses on the United Nations Sustainable Development Goals (SDGs) and the needs of Taiwan society to invest in many areas of public service to even out disparities in resources and give back to society.

The TSMC Education and Culture Foundation integrates resources from both inside and outside of the system to care for the educationally disadvantaged, support diversified education platform, spread the seeds of art and culture, cultivate artistic appreciation, and provide a platform for youth to realize their dreams, all to accomplish the goals of SDG4 towards educational quality.

The TSMC Charity Foundation helps the poor and young, takes care of seniors living alone, actively promotes filial piety and environmental protection, practices long-term engagement in voluntary service, and sheds light in the dark corners of society to accomplish the goals of SDG1, SDG3 and SDG4 in eliminating poverty, achieving health and welfare goals and quality education.

[Corporate Social Responsibility Report](#)
Ensure the number of participants in youth competitions is higher than the previous year

Continuously organize TSMC Hsinchu Art Festivals and sponsor at least 5 talented local artists or groups annually

Organizing TSMC Lecture: at least 4 sessions

TSMC Hsinchu Art Festival held 57 different performances and invited 10 talented groups from both local and abroad, attracting 13,000 participants in total

Target: Promote Arts and Culture: Sponsor 5 talented local artists or groups

Care for the Educationally Disadvantaged

Cooperate with diversified educational organizations of different scales from both the public and private sectors in order to narrow the urban-rural gap in educational resources

Diversified Education Platform

Cooperate with various educational organizations to hold humanity and science competitions, with at least 500 participants each

Promote Arts and Culture

Sponsor 10 outstanding local artists or groups

2018 Achievements

Sponsored the “Sunrise Scholarship” of the National Tsing Hua University and the “Sunflower Scholarship” of the National Central University providing a total of NT$3.02 million in scholarships to 37 students

2019 Targets

Offer scholarships for disadvantaged students in additional 3 top tier universities in southern Taiwan.

Ensure the number of participants in youth competitions is higher than the previous year.

Sponsor 10 outstanding local artists or groups

Target Year: 2025

Note: The mentor program is currently still under evaluation and will be implemented once the program is finalized.

Surpassed

Achieved

Unachieved
Making Contribution to Society and Enriching People’s Spiritual Life

TSMC Education and Culture Foundation (TSMC Foundation) was founded in 1998. In 2018, the TSMC Foundation contributed over NT$76.81 million into three main areas of our core concerns: caring for the educationally disadvantaged, supporting youth with diversified education platform, and promoting arts and culture. The TSMC Foundation works with educational organizations from both public and private sectors to narrow the urban-rural gap in educational resources. It also holds diversified competitions that guide teens to look inwards and explore their inner selves and encourage them to pursue their dreams. In addition, it holds many art events, cultivating local artists/groups and makes contribution to society and enriches people's spiritual life.

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.

![Graph showing distribution of contributions]

Focuses of TSMC Education and Culture Foundation
- Support Diversified Education Platform
- Promote Arts and Culture
- Care for the Educationally Disadvantaged

<table>
<thead>
<tr>
<th>Year</th>
<th>Contributions (NT$ ten thousand)</th>
</tr>
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<tbody>
<tr>
<td>2014</td>
<td>6,410</td>
</tr>
<tr>
<td>2015</td>
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<td>2016</td>
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<td>2017</td>
<td>7,679</td>
</tr>
<tr>
<td>2018</td>
<td>7,681</td>
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</tbody>
</table>
Since 2004, the TSMC Foundation has been the first charity partner of the Hope Reading Program from the CommonWealth Education Foundation. Each year, 100 recommended best books are donated to each 200 elementary and junior high schools in remote rural areas. To date, more than 270,000 books have been donated, and more than 280,000 students have benefitted from the program.

In 2017, the Foundation joined the Hope Reading 2.0 program, pledging to sponsor NT$6 million over 3 years to introduce a digital system to increase students’ interest in reading. As of 2018, students participated in the program have read an averaged 90 books per year, compared to 19 books per year before joining the program. Currently, there are more than 1,000 Reading Book Little Lovers. Furthermore, this program also hosted “Elementary School Writing Contest”, “Middle School In-Depth Report Contest”, and other activities to enhance students’ self-learning ability and reading skills.

The Young Authors Writing Contest for Elementary Students encourages students to make a habit out of reading and develop creative writing and public speaking skills. The contest received 214 submissions in 2018 with 30 students receiving awards. The Foundation also hosted a two-day educational trip for the award-winning students and teachers to visit the Taipei Astronomical Museum.

The Junior High School Feature Article Competition encourages junior high school students to learn how to collect information, express their own opinions after interpreting and integrating different information, and write feature articles through teamwork. In 2018 students from 12 remote rural junior high schools participated in the contest.
I would like to thank the help from the TSMC Education and Culture Foundation. I did not need to work part-time and could instead focus on my academics and enjoy a carefree university life just like my classmates. Without your help, I would likely have not been able to complete my degree. I will always be grateful and hopefully in the future be able to help those in need and to contribute and give back to society.

Ms. Tsai
A "Sunrise Scholarship" recipient from the Chemical Engineering Department of the National Tsing Hua University
What We Want to Solve
Nurturing high school students with scientific and humanistic minds and broadening their vision.

Supporting Youth with Diversified Education Platform
TSMC Education and Culture Foundation

Projects of the Year
"Youth Dream Building Project"

Since 2016, the TSMC Foundation has been organizing the "Youth Dream Building Project," a platform that encourages college students' innovation and raises social awareness among the young generation. The Foundation offered NT$3 million grants to help students pursuing their dreams.

In the third 'Youth Dream Building Project' held in 2018, 67 teams of students from 13 universities and colleges from Taoyuan, Hsinchu, and Miaoli areas submitted their proposals. In the end, 7 teams were selected and granted total of NT$3 million. The proposals from the selected teams included green textile, cultural ecotourism, community-based long-term care, care for the disadvantaged, cultural and creative industries in communities, and more.

I would like to thank the TSMC Youth Dream Building Project for giving us the right to chase our dreams and a chance to challenge our limits. A seed has been sown in our hearts that pushes us to make society a better place. We'll work hard to make our voices heard and speak out for the environment!

Jia-Jin Zou
A Youth Dream Building Project award recipient

Jia-Jin was one of the award-winning students in both the first and second Youth Dream Building Project. From the preservation of Phalaenopsis aphrodite orchid on Orchid Island (Lanyu) to seeking roots in the Philippines, she not only grew more confident, but also found her self-identity. Jia-Jin was not hesitant in sharing her own experiences and inspiring other second-generation Taiwanese youths. This is exactly what TSMC looks for in hosting the Youth Dream Building Project.

TSMC Education and Culture Foundation

How We Respond and Act
In 2018, the TSMC Foundation contributed more than NT$40 million in organizing various competitions, camps, and seminars in hopes of inspiring the next generation's interest in science and humanities outside the formal education system. At the university level, the TSMC Foundation provides scholarships and guidance to encourage students to find their goals in life and to pursue their dreams.

In order to ease the interest of the next generation towards this project, the TSMC Foundation launched a pilot project called "Aesthetics of Sea Waste" with the Department of Arts and Design of the National Tsing Hua University, combining social concerns with innovation.

More than NT$40 million was contributed to inspire the next generation's interest in science and humanities.
Calligraphy and Literary Competitions

In order to provide more opportunities for young people to showcase their talents and enhance humanistic education, the TSMC Foundation has organized the "TSMC Youth Literature Awards" and the "TSMC Youth Calligraphy and Seal Carving Awards" since 2004 and 2008 respectively, to encourage young students in literary and calligraphy creation.

In 2018, there were 2,078 entries towards the "TSMC Youth Literature Awards", up by 1,462 entries from 2017. As the event coincided with its 15th anniversary, 14 event award winners were invited to talk about their life experiences, on the topic of "reminiscing". Many of them had already become writers. At the same time, an online poll campaign on the "top 10 book picks by students" was also launched. The Foundation hoped to inspire the next generations interest in literature and reading by inviting all the participants of the 2018 "TSMC Youth Literature Awards" to nominate their favorite books. In addition, with respect to the "TSMC Youth Literature Awards," four campus touring lectures were held and writers were invited to share their writing experiences to inspire students' interest in literary writing and reading.

The TSMC Youth Literature Award is a platform for young people to be heard and have conversations with society through words.

De-Jun Lin
A poet and judge of the literature contest

The "TSMC Youth Calligraphy and Seal Carving Awards" is the only calligraphy and seal carving educational event for senior high school students in Taiwan. Competitions, workshops, and hands-on activities are held annually, hoping to familiarize students to the art of Chinese characters and reintroduce calligraphy and seal carving back to our daily lives. In 2018, in order to attract more people to attend this event, the age limit of participants for calligraphy imitation practice groups was loosened. As a result, the total participants were near 1,000 people.

The TSMC Youth Calligraphy and Seal Carving Competition provides high school students a stage to display their artistic talent. Original innovation can still be found in classic artworks. We are willing to be a partner in promoting calligraphy, and calligraphy classes will become one of our important courses.

Chih-Cheng Wang
Principal of Fuhsin Arts & Trade School

"TSMC Science Fun Fair for Teens" Competition

Since 2013, TSMC has been sponsoring "TSMC Science Fun Fair for Teens: Listening, Speaking, Reading and Writing Arena" organized by the Center for the Advancement of Science Education of the National Taiwan University to enhance senior high school students' expressive skills. In the past six years, 3,870 high school students from 1,290 teams have participated in this competition.

With an aim to arouse people's interest in calligraphy, the Foundation designed and launched "Calligraphy Journey", a mobile art museum event that turned Bus No.265 in Taipei into a mobile calligraphy museum. The bus would roam the streets and roads of Taipei and New Taipei City conveying the beauty of calligraphy and inviting people to dive deeper into the world of calligraphy.

Of the three Taiwan campus calligraphy workshops, the Foundation arranged an engaging seal carving workshop in Taichung for 27 teachers and students from Lycée François Magonot high school in Bordeaux, France to give the French exchange students an opportunity to experience Chinese culture.
I would like to thank the TSMC Education and Culture Foundation for supporting and encouraging the children in Yilan. I have repeatedly stressed that all kids have potential. It all depends on what adults are willing to give them.

Chun-Ming Huang
A regional literature author and director of ‘Little Hunchback’ presented by Big Fish Huang Children’s Theater

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**Sponsoring "The Legacy of Chen Uen: Art Life and Philosophy" Exhibition at the National Palace Museum**

The TSMC Foundation has long supported local art groups in Taiwan. In 2018, the Foundation sponsored the ‘The Legacy of Chen Uen: Art Life and Philosophy’ exhibition held at the National Palace Museum. The late Taiwanese master Chen Uen was the first comic artist whose work was exhibited at the National Palace Museum. He elevated comics into an art. The exhibition featured Chen’s manuscripts and received an overwhelming response, with more than 100,000 visitors. To broaden students’ vision to the aesthetics, the Foundation also invited students in remote areas including the Pingxi Junior High School in the New Taipei City, the Jieshou Junior High School in the Taoyuan County, the Yongjing Junior High School in the Changhua County, and the Wujie Junior High School in the Yilan County to visit the exhibition. The TSMC Foundation also sponsored the performances of puppet show master Chen Xi huang and the avant-garde dancer Huang Yi.

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**Investment Ratio by TSMC Foundation in International and Local Art Groups**

- International troupes: 20%
- Local troupes: 80%

1998 – 2018

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**TSMC Hsinchu Art Festival**

The TSMC Foundation has been holding the TSMC Hsinchu Art Festivals for 16 years. Each year, the festival features a different theme, and large-scale events are staged in Hsinchu, Taichung and Tainan, to offer local community with art and culture experiences. In 2018, the TSMC Hsinchu Art Festival has hosted over 57 exquisite fine art and cultural events centered around the theme of ‘Behind the Scenes, Beyond Imagination’. 9 local Art groups and 1 international group were invited to perform during the art festival and attracted over 13,000 participants. Performances included classical music concerts by live symphonyorchestras, concerts and theaters for children, a series of lectures on behind-the-scenes moments in the movie industry, and Peking operas with infusion of Eastern and Western aesthetics, and more. Through diversified music, opera, children events, creative work, workshops, and many more events, the art festival is undoubtedly a feast for the spirit of the local community.

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**Chih-Chien Lin**
Hsinchu City Mayor

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TSMC strives for providing a stage for talented Taiwan artists / groups and hopes to vitalize the art performing environment and enrich the local communities’ spiritual life.

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What We Want to Solve

How We Respond and Act
TSMC Charity Foundation

### Strategies

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

**Promote Filial Piety**
We collaborate with the Ministry of Education, schools, media, and other enterprises to promote filial piety education at schools and organize promotional events. Meanwhile, we cultivate filial piety volunteers to hold activities and spread the notion of filial piety.

**Care for the Disadvantaged**
We provide living and educational resources to the disadvantaged through book reading, community, and corporate volunteers. We are also committed to providing emergency aids in Taiwan.

**Protect the Environment**
We aim to reduce waste of resources through the Cherish Food Program. We also promote environmental protection and energy conservation through our energy-saving, ecology, and corporate volunteers.

### Long-term Goals

**Take Care of Elder People Living Alone**
- Provide service to 10,000 person-time elder people living alone through the Networking of Love system
  - Target Year: 2025

**Promote Filial Piety**
- Promote filial piety education in 100 educational institutions
  - Target Year: 2025

**Care for the Disadvantaged**
- Donate at least NT$10 million for disadvantaged groups per year
  - Provide at least 8,000 hours of reading service per year
  - Target Year: 2025

**Protect the Environment**
- Provide more than 1,000 person-time in environmental protection volunteer service
  - Target Year: 2025

### 2018 Achievements

**Take Care of Elder People Living Alone**
- Exceeded the goal by providing service to 9,000 person-time elder people living alone through the Networking of Love system
  - Target: 7,500 person-time

**Promote Filial Piety**
- Exceeded the goal and promoted filial piety education in 21 institutions
  - Target: 20 elementary schools

**Care for the Disadvantaged**
- Exceeded the goal and donated over NT$20 million to disadvantaged groups, and provided more than 8,400 hours of reading service per year
  - Target: Donate at least NT$10 million to disadvantaged groups
  - Provide at least 8,000 hours of reading service per year

**Protect the Environment**
- Failed to achieve the goal
  - Provided over 950 person-time in environmental protection volunteer service
  - Target: More than 1,000 person-time

### 2019 Targets

**Take Care of Elder People Living Alone**
- Provide service to 9,000 person-time elder people living alone through the Networking of Love system
  - Target Year: 2025

**Promote Filial Piety**
- Promote filial piety education in 35 institutions
  - Target Year: 2025

**Care for the Disadvantaged**
- Donate at least NT$10 million to disadvantaged groups
  - Provide at least 8,000 hours of reading service per year
  - Target Year: 2025

**Protect the Environment**
- Provide more than 1,000 person-time in environmental protection volunteer service
  - Target Year: 2025

Note: Due to adjustment of the 2018 eco-tour program and cancellation of multiple volunteer services caused by weather conditions, person-time in volunteer service did not meet the target of the year.
Building a Better Society for Greater Influence

Since its establishment in 2017, the TSMC Charity Foundation has been putting its efforts in its four focuses, including caring for elder people living alone, promoting filial piety, caring for the disadvantaged, protecting the environment, as well as providing emergency aid in Taiwan. It showcases the pursuit of the Company’s goals of building a better society in response to UN Sustainable Development Goals, and bringing warmth to the hearts of our citizens.

In 2018, the TSMC Charity Foundation further expanded its four focuses by launching several new projects. In addition, the Foundation provided first response emergency aid to victims of the Hualien earthquake. The Foundation hopes to further exercise its influence and help build a better society.

Take Care of Elder People Living Alone
Provide care services through the Networking of Love Intelligent Health Systems, Donation of Ultrasonic Machines to the Penghu Health Center.

Promote Filial Piety
Collaborate with the Ministry of Education to develop teaching materials and provide teacher training. Promote filial piety with media, other enterprises in the science parks, and volunteers Filial Piety Culture Program with the MoE, Filial Piety Volunteers, Promotional Events for Filial Piety.

Care for the Disadvantaged
Provide emergency aids, care for disadvantaged groups’ welfare and education, and implement and promote volunteer services Hualien Earthquake Relief Project, Ten Thousand Dollars per Household Program and Emergency Aid for Disadvantaged Program.

Protect the Environment
Expand service scale of ecology and energy-saving volunteers. Launch Cherish Food Program Cherish Food Program.

Focuses of TSMC Charity Foundation

Volunteers 10,266
Person-time volunteers 27,590
Volunteer service hours 109,059
Beneficiaries 37,400+
Donations 22,000+
Million 103
TSMC Charity Foundation Contribution

**Type of Contribution**

- Total: $222,058,704
- In-kind Giving: 2.0%
- Cash Contribution: 52.5%
- Time: 34.5%

**Type of Activities**

- Total: $222,058,704
- Charitable Donation: 85.9%
- Community Investment: 10.0%
- Commercial Initiatives: 4.1%

**Type of Focus**

- Total: $222,058,704
- Take Care of Elder People Living Alone: 2.0%
- Promote Filial Piety: 2.1%
- Care for the Disadvantaged: 10.0%
- Protect the Environment: 85.9%

**Volunteer Head Count**

- 2014: 5,451
- 2015: 6,812
- 2016: 7,838
- 2017: 8,776
- 2018: 10,266

**Volunteer Person-time**

- 2014: 7,379
- 2015: 10,191
- 2016: 16,570
- 2017: 24,612
- 2018: 27,590

**Volunteer Service Hours**

- 2014: 39,390
- 2015: 54,573
- 2016: 93,623
- 2017: 106,176
- 2018: 109,059

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Note 1: Classify all activities into cash contribution, time, and in-kind giving according to DJSI’s definition, and calculate the ratio of each category’s investment by monetary value.

- Time: volunteer service hours* average hourly wage.
- In-kind giving: the dollar amount of the Company offering of such supplies 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.
Case Study

Hualien Earthquake Relief

On Feb. 6th of 2018, a 6.4-magnitude earthquake struck Hualien of Taiwan. Ms. Sophie Chang, Chairperson of TSMC’s Charity Foundation, rushed to the disaster area right after the earthquake to express condolence to the victims and coordinate disaster relief resources. At the same time, the Foundation launched a three-stage relief plan to help victims return to normal life as soon as possible.

The relief plan was a joint effort of love and dedication of TSMC’s employees, TSMC, individuals and enterprises in the society, and other stakeholders. The TSMC Charity Foundation will continue its resolution to discover requirements for emergency aids and provide assistance in a timely manner.

Three-Stage Relief Plan

First stage
Emergency Aids and Fundraising Initiative
Assisted in dispatching water trucks and manpower to help disaster relief
Initiated fundraising projects both inside and outside the Company. Over 7,700 donations were collected, raising more than NT$58 million

Second stage
Renovations and Courage Camp
An engineering team from TSMC’s Facility Division arrived in Hualien on Feb. 22th, 2018 and helped rebuild home for 439 quake-stricken households
Held ‘Love, Hope, and Rebuild’ Courage Camp. The camp invited 104 children to the Little Ding-Dong Science Theme Park for a series of fun activities, hoping to help children overcome post-quake fear and trauma, and in the end regain laugh, courage, and confidence

Third stage
Boost Tourism Industry in Hualien
Collaborated with the Taiwan Railways Administration to promote tour trains to Hualien. More than 7,500 employees and their family members joined the activity
Called for group purchases within TSMC. Employees of several fabs and divisions participated, purchasing over NT$3.08 million worth of products from shops in Hualien
Intelligent Health System

Combining technology with social participation, the TSMC Charity Foundation assisted Miaoli Hospital and Feng Yuan Hospital to install intelligent health systems which partly require the integration of TSMC customer products in 2018. The systems connected elder people, doctors, and social workers together, helping medical personnel to understand medical and healthcare needs from elder people, and improve the service efficiency to let elder people receive healthcare and rest at home.

Donation of Ultrasonic Machines

Qimei and Wangan are among the least populated townships in the Penghu County. Ultrasonic testing instruments in the public health centers were damaged, and these rural areas were in critical shortage of medical equipment. As for Baisha Township, most people lived in offshore islands and needed adequate instruments for instant diagnoses. After visiting these three places, the TSMC Charity Foundation decided to donate ultrasonic machines to improve the healthcare quality for offshore island residents.

Donation of Rehabilitation Center

The care center in Mudan of the Pingtung County was destroyed by typhoon in 2016. The TSMC Charity Foundation donated and built a rehabilitation center that officially opened in 2018. Electric stair chairs were installed in the rehabilitation center to help elder people get upstairs and downstairs. In accordance with green energy policies of the government, a solar power system was built on the roof to combine elements of environmental protection and energy conservation into the construction and give back to elder people in a sustainable way. By the end of 2018, more than 500 people visited the rehabilitation center.
Remote Area Medical Services

In 2017, Dr. Yang-wei Kao received the Medical Contribution Award from the Health, Welfare and Environment Foundation of the Legislative Yuan. His clinic became the only private organization approved by MOHW to lead healthcare projects in mountain areas. Seeing how his mobile hospital van was growing too old, the TSMC Charity Foundation launched a donation project for a mobile hospital van in remote areas at the end of 2017, and it started in 2018. Dr. Kao has given medical services in remote mountain areas for more than 3,200 times, home care services more than 1,700 times, fundus examinations more than 500 times, and long-term care services more than 60 times by the end of 2018.

Donation of Charity Food Delivery Trucks

Colleagues in Fab 15A raised NT$650,000 to donate trucks to the Buddhist Tzushin Welfare Foundation, which gives meals to disadvantaged and elder people for a long time. This makes volunteers feel safe when delivering food and 50 elder people were invited to celebrate the Lunar New Year holiday.

Year-end Reunion Dinner with Elder People Living Alone

Colleagues from Fab 12A has had year-end reunion dinners with elder people living alone from the Huashan Social Welfare Foundation for six consecutive years. Throughout the years, over 400 elder people and volunteers gathered together at the end of the year. Colleagues from Fab 3, Fab 12B, Fab 15B, Manufacturing Technology Center, and other departments bought new year dishes to elder care organizations such as Catholic Society of Jesus Hsinchu Social Service Center, and Old Five Old Foundation, and accompanied these elder people to celebrate the new year.

Festival Celebration with Elder People Living Alone

More than 100 volunteers from Fab 8 accompanied 400 elder people from Tao-Yuan Jen-I Senior Citizens’ Home Miaoli Senior Care Centers and celebrated Dragon Boat Festival, Moon Festival and Christmas together. Our staff not only enjoyed hands-on activities with the elderly but also prepared presents for them.
The Filial Piety Culture Promotion Program with the Ministry of Education

In 2018, the TSMC Charity Foundation continuously collaborated with governments and schools in many places to distribute teaching materials of filial piety developed together with the K-12 Education Administration to 2,660 elementary schools in Taiwan. In addition, the Ministry of Education has approved the Filial Piety Culture Program, which will promote filial piety education in high schools and below. The program includes a consolidated filial piety resource network, training plans for teachers and volunteers, enhanced curriculum, and a variety of activities to promote filial piety. With supporting policies such as activity design and marketing, the program aims to promote filial piety and awareness of family in the next generation.

Filial Piety Volunteers

The TSMC Charity Foundation convened five enterprises in the Hsinchu Science Park to join the training program of the first group of filial piety volunteers. Currently, there are approximately 100 volunteers, who conduct a variety of activities such as story reading, to spread the spirit of filial piety across Taiwan.

Filial Piety Promotion Activities

To spread the spirit of filial piety and revive this tradition, the TSMC Charity Foundation has collaborated with its fabs and divisions, government agencies, local organizations, media, and companies to launch a series of activities. The efforts include filial piety lectures and workshops, with the objective of teacher training and raising awareness of filial piety promotion and encouraging employees, teachers, parents, and children to become role models in showing love and concerns for elder people.
Filial Piety Teachers

Intelligent Manufacturing Center has collaborated with the After School Association of Taiwan to provide four teacher training programs in 2018 to cultivate filial piety teachers and guide them in seeking family values. The program has trained 149 teachers in 98 of its branches and has inspired approximately 3,000 students to appreciate the value of filial piety.

Filial Piety Story Reading

Fab 15B has been putting unceasing efforts in promoting filial piety. In 2018, the fab organized five story reading events on filial piety in the Daming Elementary School, Beishih Elementary School and Hualien Holiday School, with approximately 70 person-time volunteers reading filial piety stories to over 1,200 person-time children.

Filial Piety Lectures

Fab 12B invited experts and volunteers to its quarterly meetings to promote filial piety among 400 of the fab’s employees through engaging activities. Meanwhile, Fab 3 invited inspectors from the Bureau of Education and the Principal of Fenglin Junior High School to give talks on Life with Filial Piety. The lectures attracted more than 900 person-time, who were involved in activities such as sharing of feelings, painting, and watching videos, appreciating the importance of filial piety and how urgent it is to express love to your loved ones before it is too late.

Winter Fun Farm Village Ecology Tour

Fab 14A collaborated with the Tainan City Government and the Tainan Cultural and Creative Park to organize the Winter Fun Farm Village Ecology Tour, based on the core concept of starting environmental protection and filial piety education from TSMC. The eco tour of 60 children was led by experienced and lively team leaders and provided a variety of activities to help children learn more about environmental protection and respect for elder people, such as hands-on farm village activities, reading activity of Di Zi Gui, adventure activities with local elder people, and drama performances.
To provide children in rural areas with more comprehensive educational resources and companionship, TSMC's book reading volunteers regularly visit primary schools in remote areas of Hsinchu, Taichung and Tainan to tell stories, teach English and math to children. In 2018, there were about 1,300 person-time book reading volunteers, providing over 8,400 hours of volunteer service. In 2018, nearly 500 person-time students in the Hexing Elementary School received 1,224 hours of math instruction. In addition, over 400 students in the Yuandong Elementary School received English reading service, allowing the children to be more willing to speak English, and to foster their interest in English reading.

What We Want to Solve

According to data from the Ministry of Finance, the average income gap of every household has nearly doubled, showing the gap between urban and rural living quality and learning resources. The lack of educational resources will bring more negative effects to the society, which is an issue that needs urgent attention.

How We Respond and Act

TSMC actively pays attention to the local needs, establishing connections and mutual relationships with the communities, and encouraging volunteer activities to improve the balance between employees’ life and work. The TSMC Charity Foundation takes the initiative to contact vulnerable groups in various places, and cooperates with the organizations for a long time to help them improve their living conditions and educational quality by investing funds, materials and volunteer services.

Projects of the Year

Community Volunteers

Community volunteers regularly visit the Veteran's Home and Children's Home to accompany the elderly and children, connecting them with events and activities. In 2018, there were about 900 person-time community volunteers, providing over 6,300 hours of volunteer service. In 2018, the Qualilty and Reliability volunteers organized four hand-making activities for children in Hsinchu Renai children's home, with about 100 participants in total. With the original intention of assisting skill exploration and establishing vocational hope, we hope to inspire children's confidence and interest in vocational development through the creating process.
Heavy Rain Reconstruction Project

In August 2018, cities and counties in southern Taiwan, including Kaohsiung, Tainan, and Chiayi, suffered from heavy rainfall. Several houses were damaged by torrential rain. The Facility Division soon invested more than NT$2.8 million and spent more than 170 hours assisting 11 elementary schools and 3 senior citizen centers in 9 districts in the Tainan City. The assistance included fixing kitchen stoves and appliances, installing floodgates, repairing water leakage, making waterproof improvements, and elevating bookshelves and library floors to make sure that children and senior citizens had a safe and comfortable environment. Overall, more than 2,300 people benefited from the assistance provided.

Projects of the Year

Ten Thousand Dollars Per Household Program and Emergency Aid for Disadvantaged Program

In the process of assisting Hualien disaster relief in 2018, TSMC Charity Foundation Chairperson Sophie Chang saw the real economic difficulties of many disadvantaged families. Therefore, the TSMC Charity Foundation launched the Sending Love Program. Through the Ten Thousand Dollars Per Household Program and Emergency Aid for Disadvantaged Program, TSMC acted as a media to find the disadvantaged who are in urgent need of financial and living assistance. The benevolent individuals inside and outside TSMC would be called on to pledge and make regular donations every month to help vulnerable cases improve their living conditions. By the end of 2018, the TSMC Charity Foundation had visited more than 120 families in Taiwan and registered 71 cases, all of which had received pledges and donations.

Welcome to the website of Sending Love Program. Join us in making change http://www.520.org.tw
Caring for Local Farmers
Volunteers from the Human Resources organization helped Mr. Huang pick tangerines at his tangerine farm and placed orders for tangerines within the company. Mr. Huang's tangerines were even used by TSMC cafeterias. This project allowed farmers to maintain a stable income and taught colleagues to be grateful for farmers' hard work and the passion of volunteers.

St. Camillus Center for Intellectual Disability
St. Camillus Center for Intellectual Disability is the first institution for individuals with intellectual disabilities in Yilan. The center was founded by Italian Father Lu Jo-Se and it accommodates more than 130 children. Colleagues from the Product Development organization raised a total of about NT$1 million to help the center purchase patient lifts and bathing beds to provide better care for these children.

Grocery Store Run by Children with Developmental Delays
The Manufacturing Technology Center helped start a grocery store for the Holy Family for Special Education from 2015. The grocery store was run by children with developmental delays, combining living, learning, and working together. Recently, the store's revenue has decreased, adding pressure on operations. Therefore, the Manufacturing Technology Center and the TSMC Charity Foundation called on departments and units in TSMC to purchase goods from the grocery store. Eventually, its revenue became stable and these children were able to continue learning.

"Jianshi-Grace from Above Between Spring and Summer" 1-Day Store Manager
Fab 2 and Fab 5 organized a "Jianshi-Grace from Above Between Spring and Summer" event and invited children to be 1-day store managers. These children in rural areas from Yu Feng and Shih Lei elementary schools introduced their hometown and sold fruits and products from their tribes in the expo on Engineer's Day.

GreenLight Seed Classrooms
The Corporate Planning Organization had accompanied students in the GreenLight Seed Classrooms for a long time. The organization helped paint the classrooms, performed equipment maintenance, and purchased air purifiers to improve students' learning environment. In addition, the organization purchased 10 ukuleles, giving about 150 students an opportunity to learn other talents. We did not have a clean classroom before nor such a good electric fan because we did not have the money. Now the walls look so bright, and there are circulating fans installed on the walls. It looks like we have a brand-new classroom. Thank you for cleaning the classroom for us and letting us study in such a good environment. Thank you for all the love that you have given us.

Students in GreenLight Seed Classrooms
Although the commute takes two hours, it is all worth it to be able to see children learning science and having fun.

Taiko Drum Team
The Advanced Packaging Technology and Service organization raised a total of NT$220,000 to buy new Taiko drums for Hsincheng and Jiangong elementary schools. Around 120 person-time students were benefitted, giving them an opportunity for self-fulfillment.

Science Camp with National Tsing Hua University for Mei Hua Elementary School
In 2018, the Operations Technical Board collaborated with the National Tsing Hua University to organize 2 science camps for the Mei Hua elementary school in the Hsinchu County. Around 335 person-time students participated in the camps. The school even included science classes and outdoor science camps as featured classes in its curriculum.

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Operations Technical Board Volunteers
What We Want to Solve
Climate change has been garnering global attention, and it is crucial that we raise the general public’s awareness of environmental protection.

How We Respond and Act
The TSMC Charity Foundation recruits energy-saving and ecology volunteers to assist the community with the Company energy-saving technology in operations and experiences in ecological conservation. By doing so, the community can practice environmental protection and sustainability. At the same time, with constant promotion of environmental protection knowledge, the general public will be more aware of ecological conservation. Moreover, TSMC launched the Cherish Food Program by working with food companies. The program aims to provide underprivileged children with edible food in rejected imperfect packaging to reduce food waste, and combat hunger.

Energy-saving Volunteers
The energy-saving volunteer team consists of TSMC technical engineers. They brought state-of-the-art equipment to schools of all levels and help them helped assess and improve the efficiency of energy use. In 2018, around 175 person-time energy-saving volunteers provided around 1,400 hours of energy-saving consulting services. In 2018, energy-saving volunteers from Fab 6 provided 4 instances of consulting services in Tainan. The engineers made technical assessments for the schools’ reference. Energy-saving volunteers even made teaching materials and educated students on environmental protection.

Ecology Volunteers
When building fabs, TSMC follows green engineering and builds an ecologically diversified working environment for employees. Meanwhile, Fab 12B, Fab 15, and Tainan Jacana Sanctuary provided tour services and promoted green living to students from remote areas. In 2018, about 480 person-time volunteers provided more than 2,000 hours of tour services. Fab 12B also provided several ecology tours for children. The children got the chance to wear clean room suits and participate in DIY activities. Volunteers also taught them to be more responsible to the environment by teaching the children how to recycle rainwater and incorporate ball floats in water-saving methods.

Projects of the Year
Energy-saving volunteers provided around 1,400 hours of energy-saving consulting services
Ecology volunteers provided more than 2,000 hours of tour services
**Cherish Food Program**

According to the United Nations Food and Agriculture Organization, food production consumes about 30% of global energy. However, about one third of global food, as well as 38% of energy, are wasted. The inefficient use of food resources also increases the emission of greenhouse gases. In 2018, the TSMC Charity Foundation launched the Cherish Food Program in response to the goal of the UN Food and Agriculture Organization. TSMC donated 4 freezers to facilities that help underprivileged people. Our partner CHIMEI regularly delivered over 186 boxes of edible food in rejected imperfect packaging to the underprivileged. In the future, TSMC will follow suits in the operations of the ‘Food Bank’, invite more business partners to join the program, and make more strides in extending influence.

**Earth Day**

Fab 14 and the Advanced Packaging Technology and Service organization attended the beach cleanup activity hosted by the Environmental Protection Administration, Executive Yuan. More than 150 person-time people joined the cleanup. Colleagues from Longtan Fab even took children from orphanages to the beach cleanup activity near Zhuwei fishing harbor. By doing so, the children can understand the threats marine debris pose and become aware of the importance of environmental protection.