



NATURE'S SPRING  
FOUNDATION, INC.

# ANNUAL REPORT

# 2019



*Improving the lives  
of every Filipino.*



[naturespringfoundation.org](http://naturespringfoundation.org)

## TABLE OF CONTENTS

Glossary of Abbreviations	4
Chapter 1: Executive Summary	6
1. 2019 was a banner year for Nature's Spring Foundation, Inc.	7
2. Launch of the Bote Challenge - a signature project of NSFI	8
3. Partnerships as a model for Program Implementation	9
4. NSFI Program Foot Print	10
Chapter 2: Education	13
Chapter 3: Health	22
Chapter 4: Environment	30
Chapter 5: Program Management and Organizational Development	45
Annex I: Top 10 Winners of Bote Challenge 2019	52



# TABLE OF CONTENTS

## List of Figures

Figure 1 : Location of NSFI Projects in the country	11
Figure 2: Location of NSFI Projects in Cebu Province	12

## List of Tables

Table 1: Highlight of Achievements	7
Table 2: Program Area- Education Key Achievements	14
Table 3: Program Area- Health Key Achievements	24
Table 4: Program Area- Environment Key Achievements	31
Table 5: Program Management and Organizational Development Key Achievements	46

## Glossary of Abbreviations

ABBREVIATION	MEANING
<b>ABC</b>	Association of Barangay Captains
<b>ALS</b>	Alternative Learning System
<b>BBP</b>	Balik Baterya Program
<b>BizFTC</b>	Business Fair Trade Consulting
<b>BLGU</b>	Barangay Local Government Unit
<b>BSFA</b>	Baksan Sapangdaku Farmers Association
<b>CBO</b>	Community-based Organization
<b>CCPL</b>	Central Cebu Protected Landscape
<b>CHO</b>	Cebu Headquarters Office
<b>COMSCA</b>	Community Managed Savings and Credit Association
<b>CSR</b>	Corporate Social Responsibility
<b>CTU</b>	Cebu Technological University
<b>DepEd</b>	Department of Education
<b>DRRM</b>	Disaster Risk Reduction and Management
<b>DSWD</b>	Department of Social Welfare and Development
<b>DSWD-MCCT</b>	Department of Social Welfare and Development – Modified Conditional Cash Transfer
<b>DOLE</b>	Department of Labor and Employment
<b>GASA</b>	Genuine Acclamation of the Stakeholders Action
<b>ICC</b>	International Coastal Cleanup
<b>LCF</b>	League of Corporate Foundation
<b>LGU</b>	Local Government Unit
<b>LMDC</b>	Lockheart Management Dev't Corp.
<b>LULACAPIUFA</b>	Lunas, Latab, Calidngan, Pit-os United Farmers Association
<b>MDRRMO</b>	Municipal Disaster Risk Reduction and Management Office

ABBREVIATION	MEANING
<b>NC</b>	National Certificate
<b>NGO</b>	Non-government Organization
<b>NHS</b>	National High School
<b>NSFI</b>	Nature's Spring Foundation, Inc., Inc.
<b>OMMC</b>	Oriental and Motolite Marketing Corporation
<b>OJT</b>	On-the-job Training
<b>OSY</b>	Out-of-School Youth
<b>PBSP</b>	Philippine Business for Social Progress
<b>PO</b>	People's Organization
<b>PDRMO</b>	Provincial Disaster Risk Reduction and Management Office
<b>PET</b>	Polyethylene terephthalate
<b>PSWRI</b>	Philippine Spring Water Resources, Inc.
<b>PTCA</b>	Parents, Teachers and Community Association
<b>School-Unity</b>	A team of secondary school and community based organization
<b>SOM</b>	Sisters of Mary
<b>SOP</b>	Standard Operating Procedure
<b>ULABS</b>	Used Lead Acid Batteries
<b>UN</b>	United Nations
<b>VocTech</b>	Vocational-Technical
<b>WWD</b>	World Water Day
<b>4Ps</b>	Pantawid Pamilyang Pilipino Program



# A Message from the Executive

The year 2019 marked the beginning of the journey of our lifelong commitment—to serve the Filipino people with compassion, and to build progressive and resilient communities for sustainable development. Our humble beginnings can be traced back in 2018 when we started to provide educational support to underprivileged students living in impoverished areas within the Metro Cebu area. Now, in just a year, we have gradually expanded our programs and projects nationwide, and fostered partnerships with like-minded individuals and organizations in the areas of education, health, and environment.

Our dedicated team has focused not only in providing scholarships to deserving students but also in guiding and honing them to become future professionals and leaders who will contribute to the nation's progress. Through our education program, we have also worked together with the Department of Education on implementing adopt-a-school projects to the schools situated in disadvantaged areas in the province.

Diabetes Awareness and Safe Water are both advocacies that remained in the forefront of the projects for the Health Program Area. We continue to support the partners and beneficiaries, and provide emergency and medical assistance to employees.

We have also strengthened our environment program area and allocated more than 50% of our funds to support environmental conservation and management efforts. We have successfully implemented the year 1 of our pilot projects on adding value and creating a circular economy for wastes through the ULABS Balik Baterya Program in partnership with Motolite and PBSP, and through the Bote Challenge Project together with the Department of Education.

This year, we launched the Bote Challenge—the foundation's flagship solution search project which addresses PET bottles plastic waste management in the province of Cebu. We introduced 10 winning innovations from our students in public secondary schools and their partner community-based organizations. The project will be scaled to a nationwide level in the years to come.

Lastly, our pledge to protect and rehabilitate the critical watershed areas carries on as we partner with different groups from the private, government, and civil society sectors in the planting and maintenance of 31,500 seedlings. We also take pride in mobilizing almost a thousand of volunteers in various volunteering activities nationwide.

The stories of success in 2019 could not have been weaved without the cooperation, support and inspiration of our team, our partners and other stakeholders. It is with high hopes that together, we can develop more interventions which can create a lasting impact in the lives of our Filipino people.

Kudos!

*Angelli Suzanne Lua-Domingo*  
President

## CHAPTER 1

# EXECUTIVE SUMMARY



## 1 2019 was a banner year for Nature's Spring Foundation, Inc.

**NSFI** came into 2019 full swing in terms of program implementation after its initial successes and learnings from 2018. In review, the following achievements were achieved in each of the program areas:

**Table 1: Highlight of Achievements**

Program Area	Intervention/Project	2019 Results	Comparative 5-year Target (2017-2021)
EDUCATION	Provide educational scholarships to employees' children and deserving disadvantaged youth		
	College and Voctech Scholarship Assistance	Provided educational assistance to 23 college scholars in private and state universities; and additional four VocTech scholars for Automotive NC2.	16 college scholars 90 VocTech scholars
	Implemented school improvement programs in the selected areas in Cebu province		
	Adopt a School Program	Supported 315 newly hired teachers in the three-day Induction Program	12 teachers trained; 20 teachers received teaching aid grants
	DepEd Mandaue Teachers Training	Provided 250 arm chairs to the Alternative Learning System (ALS) Centers in the five barangays of Mandaue city; and construction materials for 8 toilet rooms at Sinsin Elementary School, Cebu City.	one school adopted; four schools renovated
HEALTH	School Supplies Distribution	Provided school supplies to 171 students in exchange for 250 kgs. of recycled PET bottles in Umapad Elementary School of Mandaue City, 168 students from Grades one to three in Tabla Elementary School, Liloan, Cebu.	No Target
	Conduct diabetes awareness and testing for nation-wide employees and city of Mandaue		
	Diabetes management project	Conducted annual diabetes testing and awareness seminars from 2017 to 2018 for the 300 employees in Cebu PSWRI Plant.	Five annual diabetes campaigns conducted; 60,000 people reached (five plants and 25 barangays) for the information education; and 4,000 employees tested and counseled
HEALTH	Partnering with PSWRI for health, emergency and medical assistance program		
	Disaster Response and Emergency Assistance Program (DREAP)	Provided emergency assistance to 90 PWSRI employees nationwide who were affected by earthquake and typhoon disasters; provided financial assistance to 6 PSWRI Cebu employees affected by a fire disaster. In 2018, 12 fire victims were given assistance in Cebu.	No target

Program Area	Intervention/ Project	2019 Results	Comparative 5-year Target (2017-2021)
HEALTH	Partnering with PSWRI for health, emergency and medical assistance program		
	Medical assistance	Provided dialysis treatment for one PSWRI employee from 2018 to 2019 and another two employees received medical assistance.	No target
	Safe drinking water	54,492 bottles were donated to LGUs for the families affected by fire and typhoon disasters; as well as NGOs and POs implementing community projects. In 2018, 11,299 bottles were provided.	No target
ENVIRONMENT	Develop and implement a waste reduction livelihood project (With DSWD, DOLE)		
	Year 2 of Swap-Up project	Upscaled the SwapUp Project to the Bote Challenge; implemented the Balik Bateria Program which generated 12.4 tons of ULABs, raising 366,000 PHP of funds to support education programs for NSFI.	5,760 students provided school supplies kits, 78,000 PHP recycled bottle income generated for school improvement projects
	Adopt a Watershed Program for selected sites in Cebu province		
	Reforestation Project	Planted 10,000 seedling in four has. at CCPL; mobilized 40 PSWRI employees	five has. reforested; 5,000 trees planted
	Disaster risk reduction project	Donated 200 rainwater catchment drums to farmers in Boljoon, Cebu to manage El Nino, incl. 1,020 bottled water to families.	No target
	Community Volunteering	Mobilized 988 employees and community volunteers in the International Coastal Clean-up and World Water Day celebration; collected 3.1 tons of trash.	4,000 employees, students and community members volunteered

## 2 Launch of the Bote Challenge – a signature project for NSFI

In 2019, Nature's Spring Foundation undertook the first ever major campaign to tackle the issue on single-use plastics by launching the first ever Bote Challenge, a one-of-a-kind solution search project which promotes and adopts new or existing innovative solutions for plastic waste management. On its pilot year of implementation, the challenge primarily focused on a search for community solutions for PET bottle waste and opened the competition to secondary schools



in the province of Cebu. Entries were dubbed as school-unities, wherein each school must partner with a community-based group and join forces in creating and implementing the innovative idea.

In its pilot year, about 65 school-unities participated in the challenge. Nature's Spring Foundation, Inc. provided an opportunity for the school-unities to polish their ideas into concrete and sustainable solutions through the series of ideation workshops, in partnership with the Business Fair Trade Consulting. Ten school-unity winners were awarded.

In 2020, the plan for the second phase is to support the winners with further product development, business development, an initial production cycle and links to market of their products or services. Since most of the school-unity winners are startups, having minimal to zero experience on community-based social enterprise, NSFI will continue to provide project support through organizational capacity development, business incubation and other business development ideas that will bring the innovations to market. Within two years, NSFI plans to scale this signature project to a regional and towards a national level in the coming years.

## **3 Partnerships as a model for Program Implementation**

2019 was also a good year of partnerships for NSFI. In its current operating model, the foundation was designed to operate as a grant-making and co-implementing partner with already existing development agencies and organizations. Hence, its lean staffing model and the focus on partnerships.

In the Education program, it has successfully partnered with the Cebu Technological University (CTU) – an ideal partner that delivered the right level of support given its ten (10) campuses and eleven (11) extensions in the province of Cebu. Partnerships will be strengthened in 2020 for two leading VocTech institutions in Cebu in order to ramp up the vocational scholarship program. Business processes for the selection of scholars will be passed on to implementing partners with additional support provided by NSFI.

The partnerships with DepEd Region 7 for the Bote Challenge was also a success and enabled NSFI to implement the project, despite its challenges. Another successful partnership that delivered by the Balik Baterya Program was with the Philippine Business for Social Progress (PBSP) and the Motolite group of companies. PBSP was also a partner for the Reforestation project at the Central Cebu Protected Landscape (CCPL) and enabled NSFI to jump-start its environmental projects since late 2017. The success of the Balik Baterya Program enabled funding for VocTech educational scholarships for 2020 and will be continued to directly partner with the Motolite group of companies.

Finally, the technical partnership with Business Fair Trade Consulting (BizFTC) was also instrumental in providing support services to the Bote Challenge participants from the inception workshops, to the development of prototypes for the school-unit entries. Continued support for bringing product innovations to market and sustain the business operations of the Bote Challenge winners will be key. Also, exploring further opportunities to partner with the Liter of Light Foundation with the Bote Challenge is being scaled in the near future. Finally, NSFI's membership to the League of Corporate Foundations (LCF) will also be an opportunity to learn and partner with likeminded nonprofits and corporate foundations in pursuing shared goals and outcomes.

## 4 NSFI's Program Footprint

In 2019, the projects of NSFI across the three program areas have also resulted in a gradual expansion of its reach in the cities of Cebu and Mandaue as well as the province of Cebu, in general. This is part of its approach of starting small, increasing its relevance, and being where it is needed most in the near future. Below shows the program site locations for NSFI's projects in 2019:

Figure 1: Location of Project Interventions in the country

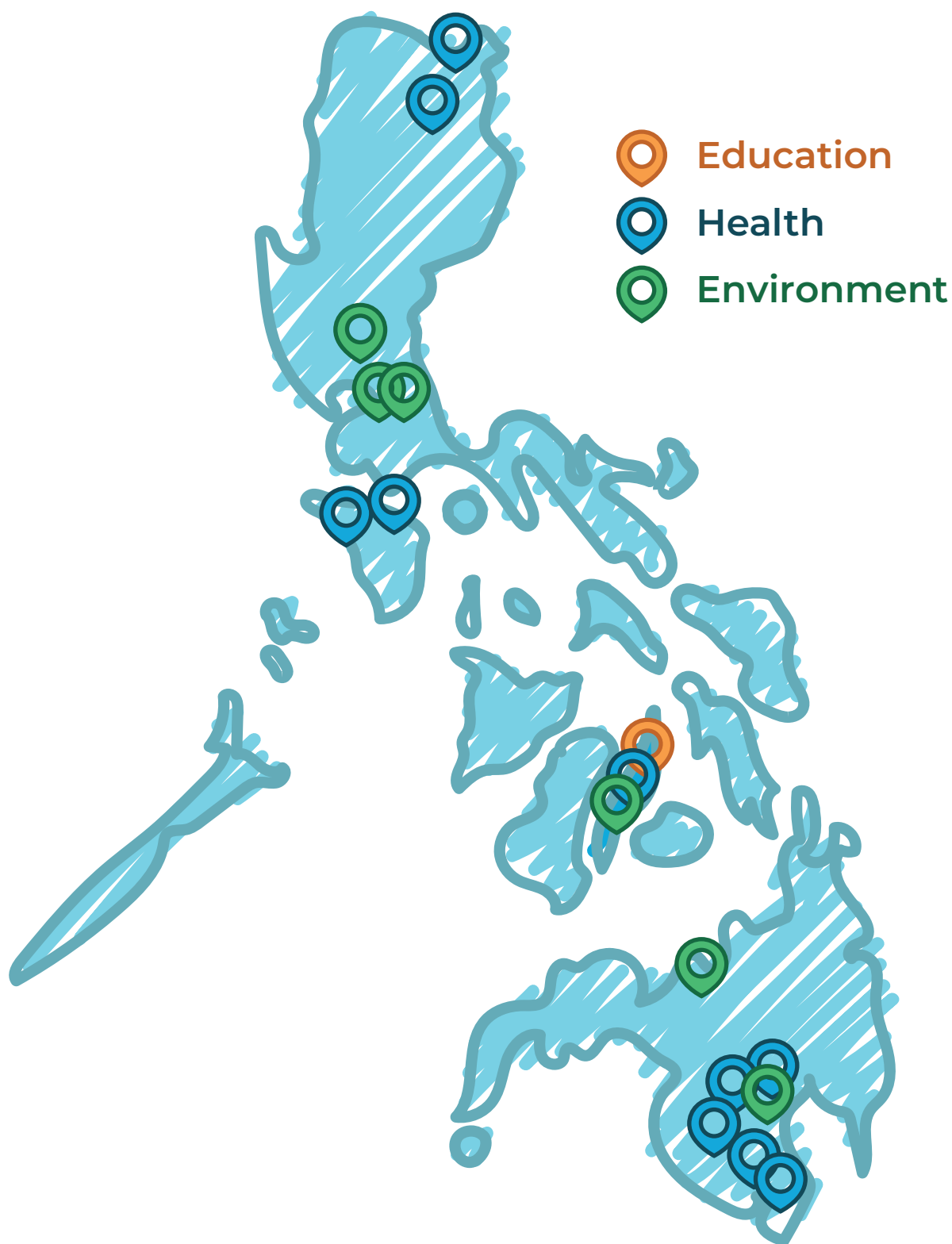
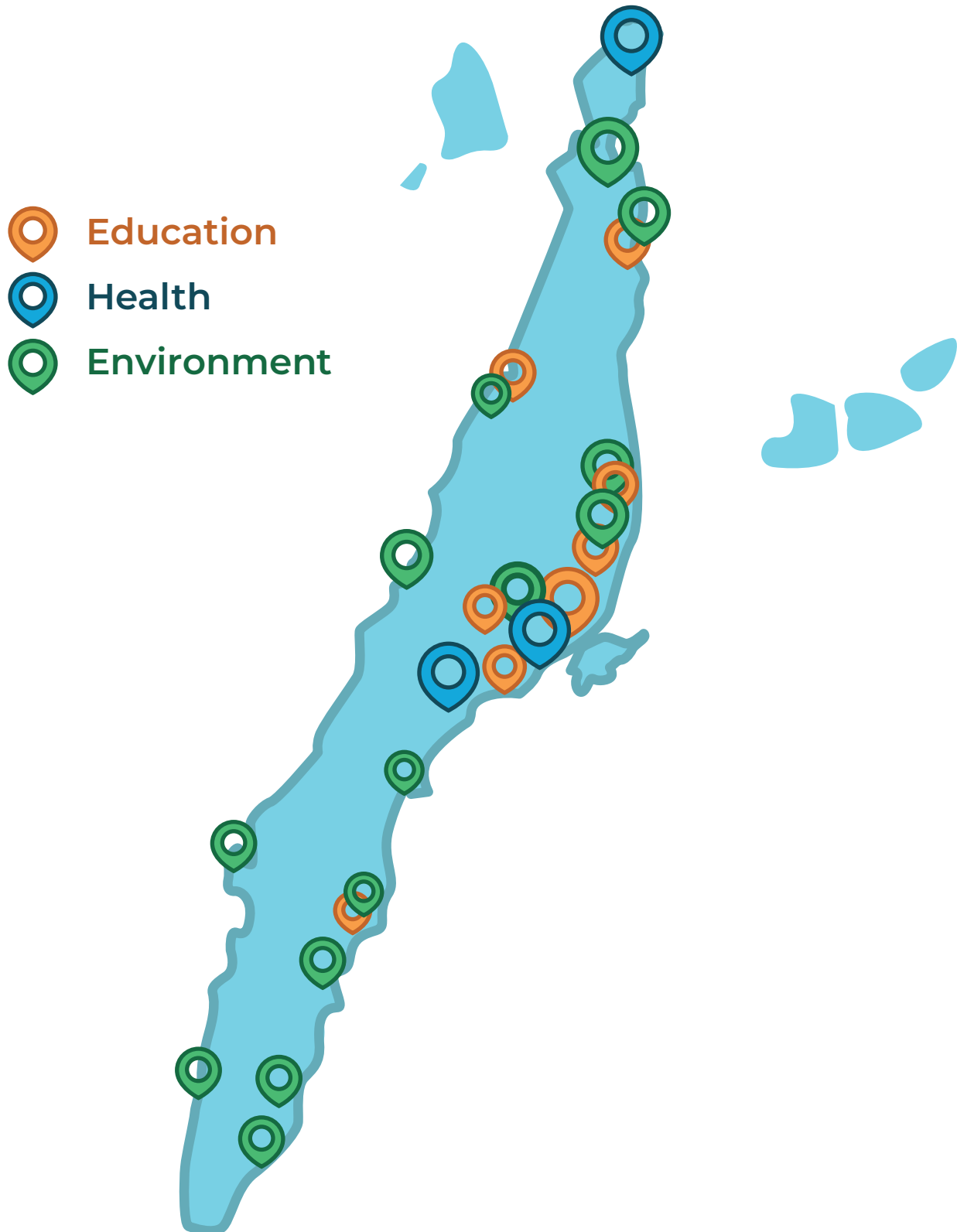


Figure 2: Location of project interventions in Cebu Province



## CHAPTER 2

# EDUCATION PROGRAM AREA

This chapter provides an overview of the education projects as it contributes to the strategic plan 2017-2020.



**Table 2: Program Area - Education Key Achievements**

Goal/Objectives	Interventions/Projects	Key Achievements
Provide educational scholarships to employees' children and OSY;	College/University Scholarship	As of total of 2019, twenty-three (23) college scholars are enrolled in private and state university.
	Voctech Scholarship	Four (4) scholars graduated from automotive with National Certification (NC) I & II.
Implement a School Improvement Program	Mandaue City-wide training for teachers	Three-hundred fifteen (315) newly hired teachers of DepEd Mandaue City Division participated the three-day Teachers' Induction Program
	Adopt a School (ALS Community Center)	Lockheart Management Development Corporation in partnership with Nature's Spring Foundation, Inc. donated a total of 250 arm chairs to the Alternative Learning System (ALS) Community Learning Centers of Barangay Jagobiao, Pagsabungan, Cambaro, Tingub, Subangdaku, and Looc, Mandaue City on January 22 & 25, 2019.
	Adopt a School (School infrastructure)	Provision of construction materials to Sinsin Elementary School on May 2018 for the renovation of eight comfort rooms.
	School Supplies Distribution	<p>A total of 171 pupils provided with school supplies in exchange for approximately 205 kgs. of PET bottle wastes on June 14, 2018 in Umapad Elementary School, Mandaue City</p> <p>59 pupils in Mulao Elementary School and one hundred nine (109) pupils in Tabla Elementary School from grades one to three received schools supplies on December 15, 2018 in the Municipality of Lilo-an, Cebu.</p>

## PROJECT 1

# COLLEGE SCHOLARSHIP ASSISTANCE PROGRAM (CSAP)



NSFI scholars of CTU Argao Campus together with their parents

In many parts of the country, the children and youth struggle in achieving a better quality education due to poverty and the lack of child support as major hindrance to their dreams. This is why the scholarship program remains at the forefront of the Education Program Area. We wanted to provide not only a scholarship, but to give the full support that these underprivileged yet deserving students need for their personal and career growth.

In 2 years' time Nature's Spring Foundation has provided support to 23 scholars who are enrolled in both private and state universities in the province

of Cebu. Most of the scholars' courses are education, agriculture, industrial engineering/technology, business administration, accountancy, and hospitality management.

The program piloted in 2018 while giving priority to the applicants in Mandaue City. Seven scholars were selected for the pioneer batch of the year. They are enrolled in Cebu Technological University (CTU), with 5 scholars coming from the CTU main campus and another 2 from the CTU Argao campus.

By 2019, NSFI expanded its scholarship opportunities in the entire Cebu Province





and also catered to Alternative Learning System (ALS) completers. A total of 17 scholars completed the second batch of NSFI scholars. The scholars come from different cities and municipalities in the Province of Cebu such as Argao, Asturias, Dalaguete, Tabogon, Carcar City, Danao City, Mandaue City, Lapu-lapu City and Cebu City.

One of the key successes of the year 2019 was its partnership building with the Cebu Technological University (CTU) which provided an extensive reach of scholars through its 10 campuses and 11 extensions in the province. Majority of the scholars are enrolled in CTU through the program. The partnership has also provided a platform for the scholars and other students to be exposed and engaged in various civic volunteering efforts of the foundation.

Nature's Spring Foundation commits to its quality standards in the whole of its screening and selection process. As qualification, the applicant should

be a graduate of Senior High School with an average of 85% or higher, and the combined family annual income should not exceed to 150,000 PHP. The selection process includes pre-screening, examination, interview, and social investigation. The applicant has to pass each step to qualify for the scholarship. During the scholarship term, NSFI provides miscellaneous/tuition fees for students enrolled in private school while uniform, book and project allowance, and boarding house/transportation allowance for scholars enrolled in state university.

## PROJECT 2

# VOCATIONAL AND TECHNICAL SKILLS SCHOLARSHIPS (VOCTECH SCHOLARSHIPS)

Aside from the College Scholarship Program, NSFI also provides scholarships to students who pursue vocational and technical tracks for employment. In 2018, four scholars graduated in automotive with National Certification (NC) I & II from the College of Technological Science in Cebu and experienced their on-the-job training (OJT) at the Philippine Spring Water Resources Incorporated (PSWRI), the mother company of NSFI. As scholars, they are provided with tuition & miscellaneous fees, uniform, meal and transportation allowance.

In 2019, seven automotive students from Sisters of Mary (SOM) Boystown Minglanilla in Cebu were selected to have their OJT in PSWRI as first step for possible partnership between the SOM automotive program and NSFI for the VocTech Scholarship Project.

### Opportunities for 2020

Fifteen students will be selected from two partner schools in Cebu for VocTech Scholarships.



The 4 VocTech Scholars from the College of Technological Sciences



## PROJECT 3 MANDAUE CITY-WIDE TRAINING FOR TEACHERS

Nature's Spring Foundation partnered with DepEd Mandaue City Division for its pilot implementation in providing trainings to our educators. About 315 newly hired teachers from the different elementary and secondary schools in Mandaue City attended the three-day Teachers' Induction Program on July 18-

20 and 25-27, 2018. The teachers learned about the DepEd strategic direction, Government basic Education Act, Professional Standard for Teachers, and Government Compliance. The training was facilitated by DepEd Mandaue Division while NSFI provided for the training materials and meals.



Newly hired teachers attend the 3-day Induction Program of DepEd Mandaue City Division held at the Insular Square, Mandaue City.





## PROJECT 4

# SCHOOL IMPROVEMENT PROGRAM (SIP)

The School Improvement Program is one of the foundation's initiative in fostering stronger and dynamic ties with the education sector to fill the gap and sustain the needs of every public school, be it elementary or secondary, to ensure quality education for every learner. The first 2 years of its implementation focused on the development of the schools in Mandaue City, the home of its mother company PSWRI, and has deepened its relationship with its partner schools since then.

### Adopt-A-School Initiative



The restrooms inside the building before they were renovated.



The doors of the toilet before they were renovated.



Newly constructed toilet facilities in Sinsin Elementary School

Sinsin Elementary School is located in one of the upland barangays of Cebu City. In the first quarter of 2018, NSFI funded the repair and construction of its eight comfort rooms. With the collaborative efforts from the community, PTCA and stakeholders, the school received an award as third place in the 2018 Brigada Eskwela Cebu City Division.



Sinsin Elementary School receives the award as the 2nd placer for the Division Level Category Brigada Eskwela during the Brigada Eskwela Culminating Program, with Nature's Spring Foundation Inc. as its sole partner for the adopt-a-school initiative.







DepEd Mandaue City Division signs the Deed of Donation as witnessed by NSFI and LMDC Representatives.

## Support to DepEd's Alternative Learning System (ALS) Program

The Department of Education established the Alternative Learning System (ALS) nationwide to provide an access of Out-of-School Youths (OSYs) to formal education and give them opportunities to complete basic and secondary education. In Mandaue City, the ALS Community Learning Centers are constantly faced with challenges on the access of comfortable learning facilities for the out-of-school youth. Educators from the ALS Centers addressed chairs as one of their lacking resource with its growing number of OSY enrollees.

Together with the generosity of a partner company, the Lockheart Management Development Corporation (LMDC), 250 armchairs were donated for the Alternative Learning System (ALS) Community Center through the foundation in the last quarter of 2018. Nature's Spring Foundation, together with LMDC and DepEd Mandaue City Division signed the Memorandum of Agreement for the turn-over of 250 armchairs to the six selected ALS Community Learning Centers on December 19, 2018.



LMDC employees set-up the armchairs for donation to the ALS Centers.

The turn-over ceremony was held in each Community Learning Center on January 22 & 25, 2019 and participated by representatives from DepEd Mandaue City Division, Lockheart Management Development Corp, Nature's Spring Foundation, Inc., Barangay Officials, ALS Mobile Teachers and learners. The beneficiaries are ALS Community Learning Centers of Barangay Cambaro, Looc, Subangdaku, Jagobia, Pagsabungan, and Tingub.



Turn-over ceremony in Brgy. Looc, Mandaue City with DepEd Mandaue City Division, NSFI and LMDC representatives, Barangay Officials, UCLM Education Interns and ALS





Turn-over in Tingub ALS Learning Center, Brgy. Tingub, Mandaue City.



Turn-over in Pagsabungan ALS Learning Center, Brgy. Pagsabungan, Mandaue City.



Ceremonial turn-over in Subangdaku ALS Learning Center, Brgy. Subangdaku, Mandaue City.



ALS learners with LMDC, NSFI, DepEd Mandaue and Barangay Officials after the ceremonial turn-over.



Ceremonial turn-over in Tingub ALS Learning Center, Brgy. Tingub, Mandaue City.



DepEd Mandaue, LMDC, NSFI and ALS learners after the ceremonial turn-over.





## PROJECT 5 SCHOOL SUPPLIES DISTRIBUTION

The Swap-up project is one of the foundation's initiative in promoting a culture of waste education to young learners and their families. The strategy aims to gather a kilo of used PET bottles for every student and exchange it for a pack of school supplies (content for one pack: writing notebooks – 8 pcs, pencils – 6 pcs, crayon, plastic envelop, glue, ruler, and pad papers – 10 pads). The PET bottles were sold with half of its proceeds used as funding for the sustainable livelihood

project of the school's PTCA. A total of 171 pupils of Umapad Elementary School, Mandaue City were given school supplies in exchange for approximately 205 kilos of PET empty bottles on June 14, 2018.

On December 15, 2018, 59 students in Mulao Elementary School and 109 students in Tabla Elementary School from Grades 1 to 3 in the town of Liloan, Cebu have also received schools supplies through the Swap-up Project.



A Parent received school supplies in exchange of 1 kilo of PET bottles as witnessed by the DepEd Mandaue City Division Representative and Umapad Elementary School.



PSWRI employee assists the pupils and parents in the distribution of school supplies during the SWAP-up Project.



School supplies distribution in Tabla and Mulao Elementary School, Liloan, Cebu.



PET bottles collected during the SWAP-up Project

## CHAPTER 3

# HEALTH PROGRAM AREA

This chapter provides an overview of the health projects as it contributes to the strategic plan 2017-2020.

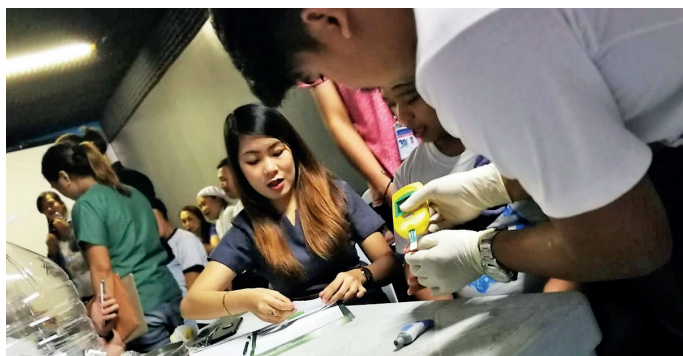


**Table 3: Program Area -Health Key Achievements**

Goal/Objectives	Interventions/Projects	Key Achievements
Conduct diabetes awareness and testing for nation-wide employees and the city of Mandaue residents.	Diabetes Awareness and Management Program	Conducted a Diabetes Testing and Awareness Activity for the employees of PSWRI in Cebu Head Office, Mandaue City on November 2017 and August 14, 2018.
Develop, Launch and Implement an Emergency and Medical Assistance Program	Disaster Response and Emergency Assistance Program (DREAP)	<p>Provided emergency assistance to 96 PSWRI employees during calamities such as earthquake in the town of Tuluna in Cotabato, Typhoon Tisoy in Luzon, and fire that hit some barangays in Cebu in 2019.</p> <p>Provided emergency assistance to 134 PSWRI employees nationwide from 2017 to present.</p>
	Medical Assistance	<p>Provided medical assistance to one PSWRI employee for the dialysis treatment since February 2018 until present.</p> <p>Provided medical assistance to a family member of one employee for the treatment of the Guillain barré syndrome.</p>
	Safe Drinking Water Project	A total of 65,998 bottled water were donated to different LGUs during calamities while to NGOs/POs for medical/dental mission and environment protection related activities since the start of the foundation in 2017.

## PROJECT 1

# DIABETES AWARENESS AND MANAGEMENT PROGRAM



Free Diabetes Testing Activity for the PSWRI employees at the Cebu Plant.

Diabetes affects millions of Filipinos annually. About 1 out of 5 Filipinos are either diagnosed with the disease or has signs of pre-diabetes, and lifestyle is a major cause. As an effort to curb down the numbers, NSFI launched the Diabetes Awareness and Management Program to support Diabetes patients in underserved communities and implement awareness and knowledge capacity building activities on the disease and its prevention.

As a launch, the Diabetes Testing and Awareness was conducted to the employees of NSFI's mother company,

PSWRI, in its Cebu Headquarters Office on November 2017 and August 14, 2018. This effort is a pilot implementation to raise the level of awareness among the employees and its community. After the diabetes testing, a total of 40 employees were provided with intervention from the PSWRI since 2017 until 2019.

### Opportunities for 2020

The foundation aims to strengthen its diabetes management program in the next year to include a proposed month-long celebrations and campaign in November 2020.

## PROJECT 2

### DISASTER RESPONSE AND EMERGENCY ASSISTANCE PROGRAM (DREAP)

96 

PSWRI Employees affected by  
fire, typhoon and earthquake



26

Employees provided assistance  
during typhoon Josie



6

Fire Victims



134

Total PSWRI employees who  
received emergency assistance



71

Earthquake  
Victims



19

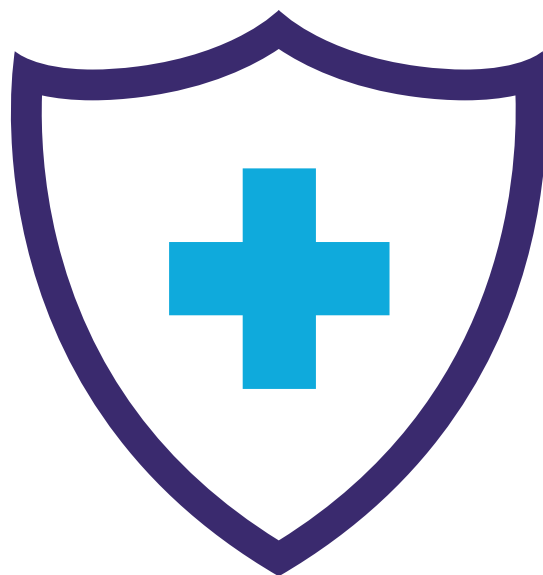
Flood  
Victims

In 2019, 96 employees of PSWRI nationwide were affected by fire, typhoon, and earthquake. From these employees, 6 are fire victims, 71 are earthquake victims while 19 are victims of massive floods caused by a typhoon that damaged their homes. About 26 employees were also provided with assistance during the typhoon Josie which hit Northern Luzon in July 24, 2018.

Since 2017, a total of 134 employees of PSWRI nationwide received an emergency assistance from the foundation to restoration and recovery of their properties affected by the typhoon.

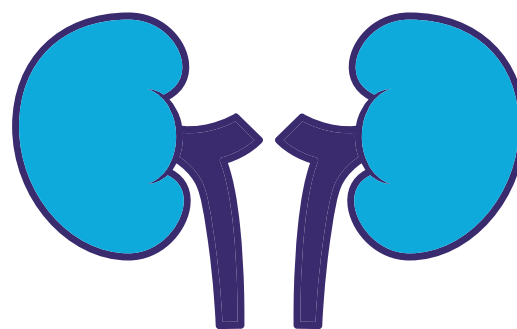


## PROJECT 3 MEDICAL ASSISTANCE



### Medical assistance to PSWRI employees with severe and complicated disease

Nature's Spring Foundation has also provided support to PSWRI employees who are struggling with severe and complicated diseases. In 2018 up to this date, NSFI provided medical assistance for the biweekly dialysis treatment to an employee who was diagnosed to have dilated cardiomyopathy with severely depressed and hypertensive cardiovascular disease and has to undergo twice a week of hemodialysis treatment for lifetime. A family member of another employee who was diagnosed to have Guillain barré syndrome was also provided with medical assistance on that same year.



### BIWEEKLY

Medical assistance for dialysis treatment of an employee



### Medical assistance to a family member of an employee



## PROJECT 4 SAFE WATER DRINKING PROJECT

Nature's Spring Foundation Inc. continues to provide safe, quality and free drinking water to activities that focuses on volunteerism aligned to its core program areas. In 2018, a total of 11,506 bottled waters were donated to different non-government organizations (NGOs) and People's Organizations (POs) for medical and dental missions, environment protection and disaster-related emergencies within the Province of Cebu.



in 2018

# 11,506

Bottled waters donated to NGOs and POs in Cebu

As the foundation begins to establish its name, different NGOs and People's Organizations were able to access the bottled water donations. In 2019 total of 54,492 bottled waters were donated to Local Government Units (LGUs) for the families affected by calamities such as fire and typhoons, to NGOs and People's Organization implementing medical or dental missions and environmental conservation activities in the different areas of the Philippines.



in 2019

# 54,492

Bottled waters donated to LGUs, NGOs and POs in the different areas of the Philippines





Deployment of the drinking water donations to the responders and evacuees who were displaced and affected by the NAGA landslide



Medical volunteers from the Medical and Dental Mission of CHIGI Foundation



Distribution of bottled water donations to patients



Distribution of bottled water donations to CCEF volunteers during the International Coastal Cleanup 2019. All the used bottles were retrieved and stored for recycling.



Police and Coast Guard personnel from Naga City together with the NSFI personnel during the turn-over of Bottled Water Donations



Volunteers of CCEF during the International Coastal Cleanup 2019





## CHAPTER 4

# ENVIRONMENT PROGRAM AREA

This chapter provides an overview of the environment projects as it contributes to the strategic plan 2017-2020.

**Table 4: Program Area - Environment Key Achievements**

Intervention	Key Achievements	Location
The Bote Challenge	<p>Organized a solution search competition on innovative and sustainable PET bottles solutions for secondary schools and community-based organizations</p> <p>Conducted ideation workshops to 78 schools in the province</p> <p>Awarded 10 winners whose ideas will be adopted and up scaled for business incubation in 2020</p>	Cebu Province
Balik Baterya Program	<p>Hauled 12.4 tons of ULABS</p> <p>Partnered with 4 PSWRI Plants for the hauling of ULABS</p> <p>Raised 366,055.35 PHP funds for the implementation of education or socio-economic community projects</p>	Bulacan, Laguna, Cebu, Davao
Reforestation Project	<p>Planted 10,000 seedlings in 4 hectares with PBSP at the Central Cebu Protected Landscape Reserve</p> <p>Successful 70% survival rate for seedlings</p> <p>Mobilized 40 PSWRI employee volunteers</p>	Central Cebu protected Landscape; Borbon, Cebu
Disaster Resilience Project	<p>Donated 1,020 liters of Purified drinking water and 200 rainwater catchment drums to the farmers affected by the El Niño Calamity</p>	Boljoon, Cebu
Community Volunteering Program	<p>Mobilized a total of 988 volunteers for the International Coastal Clean-up Day (688 volunteers) and World Water Day (300 Volunteers)</p> <p>Collected, segregated, recorded and submitted a total of 3,159.30 kg of trash (500 kg or 95 sacks during the WWD, 2,629.30 or 196 sacks during the ICC)</p>	Tabogon, Tuburan, Moalboal, Oslob, Argao, Malabuyoc



PROJECT 1  
**THE BOTE CHALLENGE**

2019 marked a new wave for Nature's Spring Foundation when it started the Bote Challenge—the foundation's flagship environmental project—an initiative which sought the need to contribute to the global movement of closing the loop on plastic pollution, creating a circular economy for plastic and fostering a culture of upcycling/recycling within communities.

The Bote Challenge is a solution search project which recognizes, promotes and adopts new or existing innovative solutions for plastic waste management. On its pilot year of implementation, the challenge primarily focused on sustainable practices for PET bottles and opened the competition to secondary schools in the province of Cebu. Entries were dubbed as school-unities, in which each school must partner with community-based organizations (CBOs) to join force in creating and implementing the innovative idea.

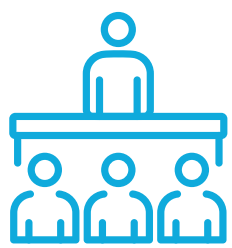
In 2019, about 65 school-unities participated the challenge. Nature's Spring Foundation opened an opportunity for the school-unities to polish their ideas into concrete and sustainable solutions through the series of ideation workshops, in partnership with the Business Fair Trade Consulting. Ten school-unity winners were awarded.

The second phase of the project will start on 2020 wherein the innovations of the winners will be upscaled into viable market products or services. Since most of the school-unity winners are startups,



65

Schools and  
Communities reached



Teachers, students &  
members of the PTCA



Community based  
organizations (CBO)



10

Schools awarded with  
innovation start ups for 2020

having minimal to zero experience on community-based social enterprise, NSFI will continue to provide project support through organizational capacity development, business incubation and other business development ideas that will bring these innovations to market.

## Partners:

Department of Education – Region 7;  
Philippine Spring Water Resources, Inc.

## TOP 3 WINNERS



Dalaguete National High School takes pride in producing plastic strips as alternative in weaving products like baskets, maps, holders



Teacher George Lumayag and Student Roman Cisneros pitch and discuss their concept idea during the Ideation Workshop held together with the DepEd Cebu Province.

## DALAGUETE NATIONAL HIGH SCHOOL (1st place)

Poblacion, Dalaguete

The product, Plastic Strips Out of the Bottle, are improvised plastic strips which serves as the raw material in the weaving process, creating crafts made out of the plastic strips like purses, bags and mats. The school utilizes online marketing in the production of handicrafts and furniture. Dalaguete National High School partnered with the Dalaguete United

Farmers and Fishermen's Association (DUFABA) as an alternative livelihood to the housewife members. In 2020, the school-unity of Dalaguete National High School and DUFABA will upscale the product, produce a variety of strips with different forms and textures to fit with a variety of weaved products and test it out in the market.

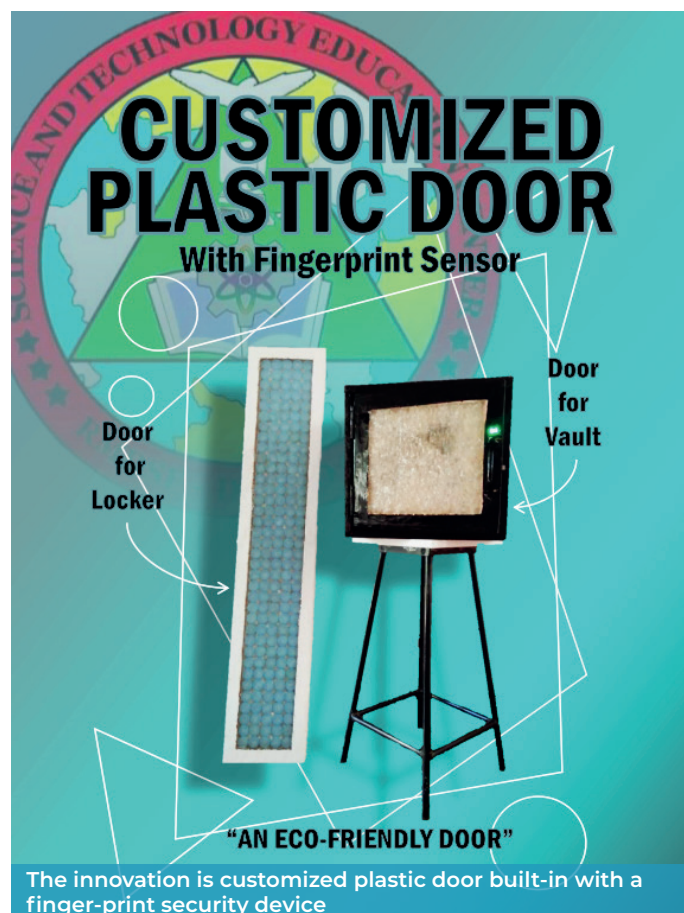


## RAMON M. DURANO SR. FOUNDATION – SCIENCE AND TECHNOLOGY EDUCATION CENTER (2nd place)

Guinsay, Danao City

The product of Ramon Durano Sr. Foundation - Science and Technology Education Center (RMDSF-STEC) offers a more secure and durable door for houses, cabinets, vaults and the likes. It is made out of heat-pressed plastic bottles with a built-in fingerprint sensor which will only allow access to the people whose fingerprints are registered on the sensor.

RMDF-STEC coordinated with Barangay Guinsay and the organized Guinsay Women Association to form their school-unity. The school plans to customize the doors to fit it according to the needs of the client.



## GENERAL CLIMACO NATIONAL HIGH SCHOOL, TOLEDO CITY

General Climaco, Toledo City

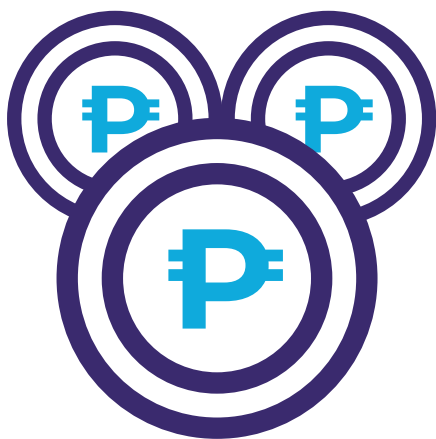


Prototype of the Plandent Eco-bricks entry of General Climaco National High School in Toledo City, Cebu.

The product is named Multipurpose *Plandent* Eco Bricks. The word *Plandent* came from the materials like the shredded PET Bottle and sand cement. The bricks can be used as foot paths, fish pond, aisles, and grotto, for landscaping and other purposes. General Climaco National High School partnered with General Climaco Fishermen's Organization and trained the members for the production and upscaling of the innovation as an alternative source of income.

## PROJECT 2

### ULABS BALIK BATERYA PROGRAM

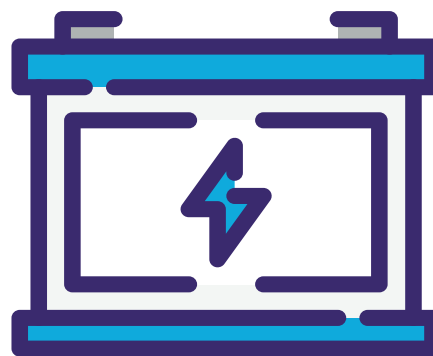


# 366,055

**Pesos of accumulated funds for  
education and socio-economic projects**

The Balik Baterya program is an initiative participated by Nature's Spring Foundation Inc. which addresses the harmful effects of Used Lead Acid Batteries (ULABs) to the environment by reprocessing and reusing the ULABs and creating a financial resource to implement education and socio-economic projects in communities. The partnership with Oriental and Motolite Marketing Corporation and the Philippine Business for Social Progress (PBSP) commenced in 2018 when NSFI teamed up with PSWRI, in recycling the ULABs of its mother company and generate income which will be donated as proceeds for the community projects.

Through the dedicated efforts of its stakeholders, NSFI was able to raise 366,000 PHP worth of project funds out from the 12.4 tons of ULABs hauled from the four plants of PSWRI—Laguna Plant, Bulacan Plant, Cebu Plant and Davao Plant. With the total proceeds, NSFI together with PBSP will implement a scholarship program in 2020 to fund the education of an estimated 30 students coming from the underprivileged communities in the Province of Cebu.



# 12.4

**Tons of Used Lead-Acid Batteries  
(ULABs) hauled**





Personnel from Motolite hauls the Used Lead Acid Batteries from the Davao PSWRI Plant for transport to the partner treatment facility.



Pollution Control Officer from the PSWRI Davao Plant accompanies the personnel from Motolite during the verification and recording of the weight and number of hauled ULABs.



Accumulated Used Lead Acid Batteries from the PSWRI Bulacan Plant ready for hauling.

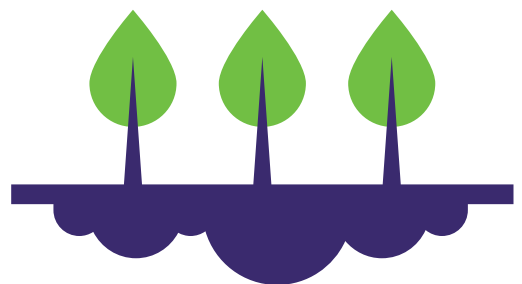


PSWRI personnel joins Motolite in the hauling of ULABs in the Bulacan Plant.





## PROJECT 3 REFORESTATION PROJECT



# 10,000

Seedlings yielded in Central Cebu  
Protected Landscape



# 2,500

Seedlings planted and maintained  
in San Mateo Bulacan

# 19,500

Seedlings planted in Poblacion,  
Borbon, Cebu



Recognizing its vital role in promoting environmental stewardship, Nature's Spring Foundation, Inc. tirelessly commits to bring adopt-a-watershed projects at the forefront of its core programs in ensuring environmental sustainability for the country. At the very start of our operations in 2018, we have partnered with a number of government and private entities in implementing forest reforestation projects.

On top of the list is our partnership with PBSP for the Reforestation Project. The ongoing reforestation project with PBSP is the commitment of the foundation to rehabilitate the largest and most critical Watershed Reserve in Cebu—the Central Cebu Protected Landscape. From 2018 to 2019, the project has yielded 10,000 seedlings in 4 hectares with an initial 70% of survival rate. The project also involved the community-based organization,

Baksan Sapangdaku Farmers Association (BSFA), for the planting and maintenance activities and with PSWRI for the volunteer program.

Aside from PBSP, Nature's Spring Foundation, Inc. has also collaborated with LGU Bulacan, Briguetters Association of the Philippines and PSWRI Bulacan to plant and maintain 2,500 seedlings in San Mateo, Morzagaray, Bulacan and with Borbon Tree Farmers Association and Cebu Environment and Natural Resources Office for the planting of 19,500 seedlings in Poblacion, Borbon, Cebu in 2018.

In the next years to come, the foundation looks forward to expand its reach to the different areas different areas that are heavily forested in the country, and implement a nationwide scale of reforestation as its commitment to ensure environmental conservation.





# ANNUAL REPORT 2019



Volunteers from the PSWRI employees pose for a group photo together with the Baksan Sapangdaku Farmers Association and NSFI during the first year of the Tree Growing activity of the Reforestation Project with PBSP Visayas in the Central Cebu Protected Landscape.



A volunteer from PSWRI Cebu Plant plants a Narra tree seedling during the tree growing activity at the Central Cebu Protected Landscape (CCPL).



Forester hired for the reforestation project from PBSP Visayas monitors the status of the seedlings after a year it was planted.



Measuring of the seedling's height.





## PROJECT 4 DISASTER RESILIENCE PROJECT



# 1,020

Liters of Nature's Spring Purified drinking water donated



# 200

Rainwater catchment drums donated to 200 farmers

In the data provided by the Provincial Disaster Risk Reduction and Management Office (PDRRMO), the El Niño phenomenon which affected Cebu from April to June 2019 was considered as the longest and worst El Niño in the last decade. The calamity posed a threat to farmers—crops damaged and livestock died from dehydration—especially in the southern part of Cebu. The Provincial Disaster Risk Reduction and Management Office of Cebu reported a total of 121 million pesos worth of damage to agricultural crops.

In response to the disaster caused by the calamity, NSFI partnered with the PDRRMO to support the farmers coming from the municipalities which were greatly affected by El Niño. Farmers from far-flung areas in Boljoon and Alcoy were identified to be the most severely affected by the calamity, based from the data provided by the PDRRMO.

Through the assistance of the Municipal Disaster Risk Reduction and Management in Boljoon, the foundation donated 1,020 Liters of Purified Drinking Water and

200 rainwater catchment drums to the farmers and other residents living in the far-flung areas.

The foundation continues to support any disaster response and recovery efforts, together with disaster risk reduction and management groups from both the private and government sector, in times of calamities and disasters.



Senior Citizens from a barangay in Alcoy, Cebu receive 10L each of donated purified drinking water.





Outreach - provision of bottled water and drums for el Nino affected upland barangays in Boljoon



Mayor of Boljoon, Cebu does a short opening message for the partners and beneficiaries



Water Storage Drums as disaster relief for the farmers affected by the El Nino in Boljoon, Cebu.



## PROJECT 5

# COMMUNITY VOLUNTEERING PROGRAM (CVP)

Nature's Spring Foundation Inc. recognizes the value of building a community of civic volunteers as one of the effective strategies in reinforcing behavior change in a society. Hence, the foundation has always placed volunteer activities at the forefront of its core—incessantly motivating and expanding its army of volunteers in the country.

## WORLD WATER DAY 2019



The World Water Day is an annual, international celebration hosted by the United Nations which highlights water as an essential building block in creating jobs and supporting economic human development. NSFI values the right of every person to access clean and safe water to communities, thus our initiative. In 2019, we organized a total of 300 volunteers and partnered with stakeholders in the town of Moalboal for the Safe Water Campaign and Clean-up Drive on March 23, 2019. The campaign

aimed at engaging stakeholders on discussions related to how the environment affects water resources such as natural watersheds and waterways.

The foundation kicked-off the activity through a dialogue with the students and teachers of CTU Moalboal, LGU Moalboal, barangay officials, PSWRI volunteers and even resort owners and tourists on the effects of environmental degradation, including mismanagement of wastes, on clean and safe water. A quick clean-up drive at the coastal areas was conducted after. The consolidated trash data was then submitted to the Ocean Conservancy, the nonprofit international group in-charge of the global trash data collection, analysis and reporting during coastal clean-ups.

**Partners:** Cebu Technological University – Moalboal Campus, LGU Moalboal, LGU of Brgy. Saavedra







Students from the CTU Moalboal represent the advocacy on Water for the LGBTQ+ community.



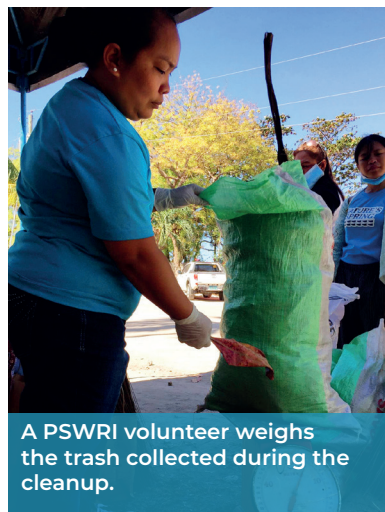
Students from CTU Moalboal segregates the trash and records the trash data in the Waste Audit Form provided by the Ocean Conservancy.



Volunteers from PSWRI, CTU Moalboal, Officials from Brgy. Saavedra, Resort Owners and Tourists pose for a group photo during the World Water Day Awareness Campaign and Cleanup Drive in Basdaku, Saavedra, Moalboal.



Student represents the advocacy on the rights to provide clean water to students around the world.



A PSWRI volunteer weighs the trash collected during the cleanup.



Trash being collected and ready for pick-up by the Garbage Truck provided by LGU Moalboal.



## INTERNATIONAL COASTAL CLEAN-UP 2019

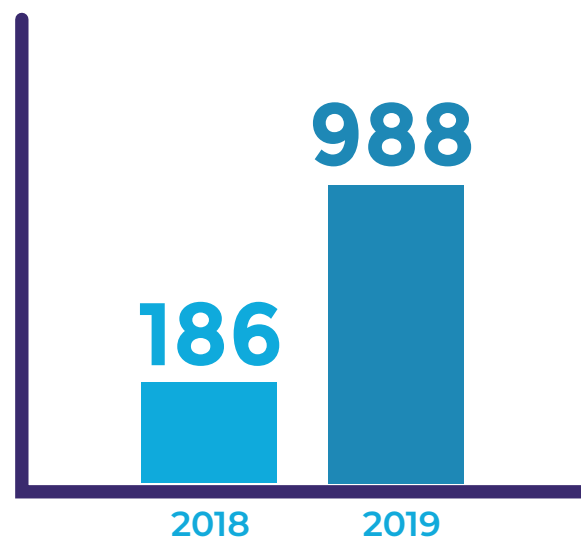


Students and Youth Leaders from CTU Argao participate the International Coastal Cleanup in Argao, Cebu.

The year has also provided an opportunity for the foundation to mobilize volunteers during its second participation to the International Coastal Clean-up Day on September 19, 2019. A total of 688 volunteers from the towns of Argao, Malabuyoc, Oslob, Tuburan and Tabogon which mostly consists of teachers and students, local government officials, private business owners, employees from PSWRI and affiliate companies, and even tourists in the area. The international coastal clean-up is the largest volunteer activity for the environment conducted every third Saturday of the month wherein people gather to clean coastlines and water bodies from around the world and contribute to the international trash data from the Ocean Conservancy, reducing trash at source and changing behavior that allow trash into the water at the first place.



Volunteers Mobilized



**Partners:** Cebu Technological University; LGU Argao; LGU Malabuyoc; LGU Oslob; LGU Tabogon; LGU Tabuelan; PSWRI Cagayan de Oro Plant





# ANNUAL REPORT 2019



A student-volunteer from CTU Tuburan records the segregated trash during the coastal cleanup in Tuburan, Cebu.



Students from CTU Malabuyoc, Barangay Officials, and Community Members join as volunteers of the International Coastal Cleanup in Malabuyoc, Cebu.



Student-volunteers from CTU Tabogon pick-up trash in the coastal lines of Tabogon, Cebu.



Students from CTU Oslob, teachers, barangay officials, community members in the first batch of photo op during the International Coastal Cleanup in Baluarte, Oslob, Cebu.



Volunteers from PSWRI Cagayan de Oro during International Coastal Cleanup 2019.



Student-volunteers from CTU Argao collect and segregates the trash.



## CHAPTER 5

# PROGRAM MANAGEMENT AND ORGANIZATIONAL DEVELOPMENT

This chapter provides an overview of the program management and organizational development aspects as it contributes to the strategic plan 2017-2020.

**Table 4: Program Management and Organizational Development Key Achievements**

Goals/Objectives	Interventions/Projects	Key Achievements
Formulate appropriate decision-making and organizational processes for engaging communities and partners	<p>Training Support to Partners</p> <p>Established partnership with different Stakeholders</p>	<p>25 participants attended the Project Management for Development Professionals (PMDPro) from the different DepEd Divisions and school representatives on November 6 – 9, 2019</p> <p>Signed a Memorandum of Agreement with different stakeholders</p> <p>On December 12, 2019, NSFI was recognized by DepED Region VII as one of the major stakeholders because of its support to schools from different DepEd divisions.</p>
Compliance, Policies and SOPs	DSWD compliance	The Department of Social Welfare and Development (DSWD) FO VII granted NSFI its Certificate of Registration and License to Operate on January 11, 2019 and is valid until January 10, 2022.
Provide training to Foundation employees in areas of project development and management, community facilitation, and partnership building.	<p>Capacity building of staff</p> <p>Social Impact Grantee</p>	<p>NSFI provided funds for employees to participate trainings and seminars on Social Case Management, Adopt-a-School, Tax incentives, and conference on Corporate Social Responsibility Expo</p> <p>Received grants to access the Oracle Netsuite accounting system for NGOs</p>
Outreach Program	Assistance to NGOs and hospitals	<p>Provided hygiene kits and food supplies to selected Orphanages and Children's home</p> <p>Provided assistance to elderly homes</p> <p>Participated in blood donation drives and campaigns</p>



## TRAINING SUPPORT TO PARTNERS AND ESTABLISHING PARTNERSHIPS



Group photo with the teacher-participants, NSFI personnel and speaker during the PMDPro Training in Alta Resort, Cordova, Cebu



NSFI Program Manager, Marife Pinero, receives the plaque of recognition from DepEd Region VII as a major stakeholder in its initiatives

NSFI funded the Project Management for Development Professional Training (PMDPro) Level I on November 6 to 9, 2019 which was facilitated by Cornerstone Leadership Consulting. It aims to provide technical support to the different school and DepEd division representatives in improving the key processes of their project management, achieving greater project results and creating a more meaningful impact to its beneficiaries and stakeholders. A total of 25 participants attended the said training.

Since 2017, Nature's Spring Foundation formalized its partnership with the different stakeholders as evidenced by the Memorandum of Agreements it has signed with its partners. A key testament to its strong ties is the recognition given to NSFI by DepED Region VII on December 12, 2019 as one of its major stakeholders in the region. Among NSFI's partners are:

- o Department of Education Mandaue City Division
- o Department of Education Cebu Province Division
- o Department of Education Bogo City Division
- o Department of Education Danao City Division
- o Department of Education Naga City Division
- o Department of Education Toledo City Division
- o Department of Education Carcar City Division
- o University of Cebu Main Campus Social Work Department
- o Philippine Business for Social Progress
- o Oriental and Motolite Marketing Corporation

- o Cebu Technological University
- o College of Technological Science





## DSWD COMPLIANCE



Awarding of Registration and Licenses from DSWD

Nature's Spring Foundation, Inc., applied for registration to operate to the Department of Social Welfare and Development (DSWD) FO VII in 2018. DSWD FO VII granted NSFI its Certificate of Registration and License to Operate as Social Welfare and Development Agency from January 11, 2019 until January 10, 2022. The Registration and License gives an opportunity for NSFI to become a member of the Area-based Standards Networks (a group of registered and licensed NGOs and Corporate Foundation formed through DSWD) and access to different league and networks. It also provided the foundation an access to grants for accounting system software for NGOs.

To recognize NSFI efforts in providing bottled water donation during calamities, the foundation was endorsed to become one of the partners of DSWD Visayas Disaster Response Center.

### Possible Implications for 2020

- DSWD Accreditation in preparation for 2022 renewal of registration and license to operate
- Membership to the League of Corporate Foundation
- Signed Memorandum of Agreement with DSWD Visayas Disaster Response Center



## CAPACITY BUILDING

Nature's Spring Foundation, Inc. supports the growth and development of its employees by sending them in trainings, seminars, conferences and expos that will enhance their capacity to perform their role and contribute to the growth of the foundation. Among the trainings attended by the employees since 2018 are:

- Project Management for Development Professionals (PMDPro) Level 1 Global Certification training, November 2019
- TELUS International Philippines Community Board and the League of Corporate Foundation (LCF) Grant Proposal Writing Workshop, November 27 to 28, 2019 in Davao City
- DSWD FO VII Standard Bureau training on Social Case Management, August 29-30, 2019 in Cebu City
- League of Corporate Foundation (LCF) Membership Orientation and Briefing, August 20, 2019 in Makati City
- 2019 League of Corporate Foundation (LCF) Corporate Social Responsibility (CSR) Expo, July 4 - 5, 2019 in Philippine International Convention Center (PICC), Pasay City, Metro Manila
- DSWD Visayas Disaster Resource Center Volunteer Management Program and Partnership, June 18, 2019 in Cebu City
- DepEd Cebu City Division seminar on



Grant Proposal Writing Workshop with TELUS International and LCF member representatives

Genuine Acclamation of the Stakeholders Action (GASA) on highlighting the Republic Act 8525 (Adopt-a-School Program Act of 1998) –DepEd and Revenue Regulations No. 10-2003 of January 27, 2003 (Implementing The Tax Incentives Provision of Republic Act No. 8525, December 14, 2018 in Cebu City

- Upgrading Social Work Knowledge and Skills in current Social Welfare Programs and Services, March 15-16, 2018 in Bacolod City.



## SOCIAL IMPACT GRANTEE



# Php 99,000

Subsidy for trainings and group  
consultations during the four month  
implementation

Nature's Spring Foundation, Inc. received a grant as one of the organizations who are challenged to work and utilize the Oracle Netsuite System through Softtype Philippines. It is a social impact project intended for NGOs or social enterprises as part of the firm's pay-it-forward program for qualified NGOs and social enterprises in the Philippines. It gives trainings and offers group consultations during the system implementation with a subsidized amount of 99,000 PHP for a period of four months of implementation. Nature's Spring Foundation will start their trainings, implementations and simulation on the year 2020.



## ASSISTANCE TO NGOS AND HOSPITALS

Nature's Spring Foundation, Inc. has also given both one-time and long-term donations to support other NGOs and hospitals in need. Hygiene kits and food supplies were provided to NGOs catering children, while food and shelter maintenance for elderly homes. NSFI also supported the blood screening and donation campaign in partnership with Vicente Sotto Memorial Medical Center on September 6, 2018. Among the NGOs assisted are:

- SOS Children's Village, Cebu City on July 15, 2018
- Children Home, Mandaue City on May 3, 2018
- Casa Miani Arvedi in Minglanilla on September 24, 2019
- Ramon Durano Foundation, Danao City, Cebu
- Elderly Home for Women, Anonang Sur, Bogo City, Cebu
- Tahanang Mapagpala ng Immaculada Concepcion Foundation Inc., Bulihan, Malolos City, Bulacan
- Missionary Sisters of Our Lady of Fatima Bahay ni Maria in Cardinal Village, Sampiruhan, Calamba City



Children beneficiaries at the SOS Children's Villages in Cebu City



Gift giving at the Mandaue Children Home



Sacks of rice donation to the children of Casa Miani-Arvedi Buschini in Minglanilla, Cebu



NSFI Scholars' Immersion and Outreach Activity at the Elderly Home for Women in Anonang Sur, Bogo City, Cebu

## ANNEX I

# TOP 10 WINNERS OF THE BOTE CHALLENGE 2019



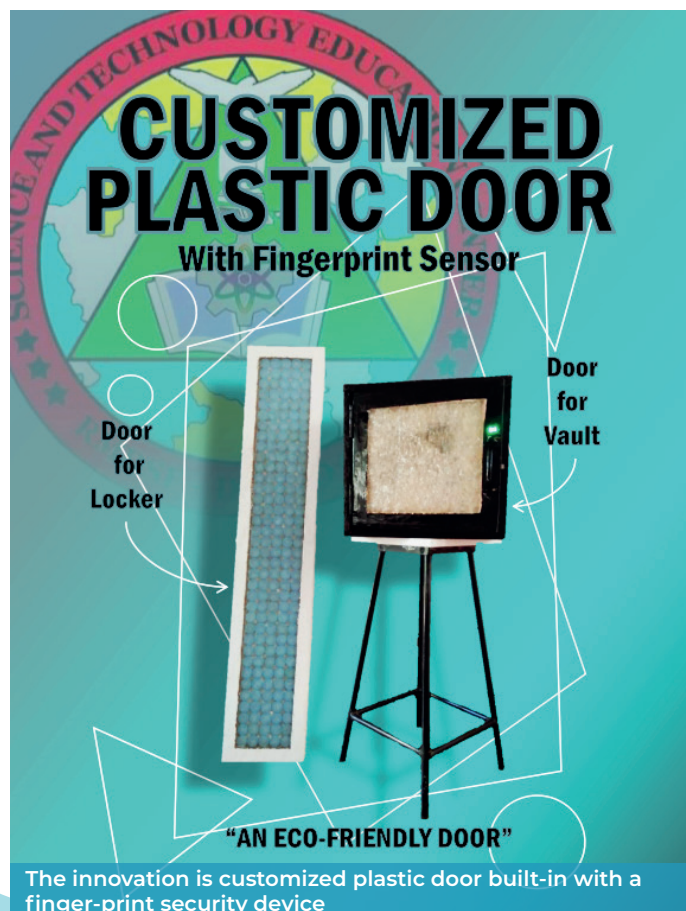
## DALAGUETE NATIONAL HIGH SCHOOL (1st place)

Poblacion, Dalaguete

The product, Plastic Strips Out of the Bottle, are improvised plastic strips which serves as the raw material in the weaving process, creating crafts made out of the plastic strips like purses, bags and mats. The school utilizes online marketing in the production of handicrafts and furniture. Dalaguete National High School partnered with the Dalaguete United Farmers and Fishermen's Association (DUFABA) as an alternative livelihood to the housewife members. In 2020, the school-unity of Dalaguete National High School and DUFABA will upscale the product, produce a variety of strips with different forms and textures to fit with a variety of weaved products and test it out in the market.



Dalaguete National High School takes pride in producing plastic strips as alternative in weaving products like baskets, maps, holders



The innovation is customized plastic door built-in with a finger-print security device

## RAMON M. DURANO SR. FOUNDATION – SCIENCE AND TECHNOLOGY EDUCATION CENTER (2nd place)

Guinsay, Danao City

The product of Ramon Durano Sr. Foundation - Science and Technology Education Center (RMDSF-STEC) offers a more secure and durable door for houses, cabinets, vaults and the likes. It is made out of heat-pressed plastic bottles with a built-in fingerprint sensor which will only allow access to the people whose fingerprints are registered on the sensor.

RMDF-STEC coordinated with Barangay Guinsay and the organized Guinsay Women Association to form their school-unity. The school plans to customize the doors to fit it according to the needs of the client.





## COMPOSTELA NATIONAL HIGH SCHOOL (4th Place)

Poblacion, Compostela

The product, called as Nature's Swing, is a Hammock or DUYAN, which stands for "Disensyong Ubanan ug Yanong Abag sa Nature's Spring" which comes in two types - the Eggshell Swing and the Sling Hammock. The Eggshell Swing Hammock utilizes PET bottle container and cap, while the Sling Hammock uses the labels.

Each hammock is made out of 1,500 to 2,000 bottles. The school plans to customize each hammock that would meet the customer's preferences. The school focuses on their Technology and Livelihood Track of the Senior High School in preparing the prototypes for their product, and linked with the Compostela-based cooperative, the Community Managed Savings and Credit Association (COMSCA) for the training, production and market of the Hammock.

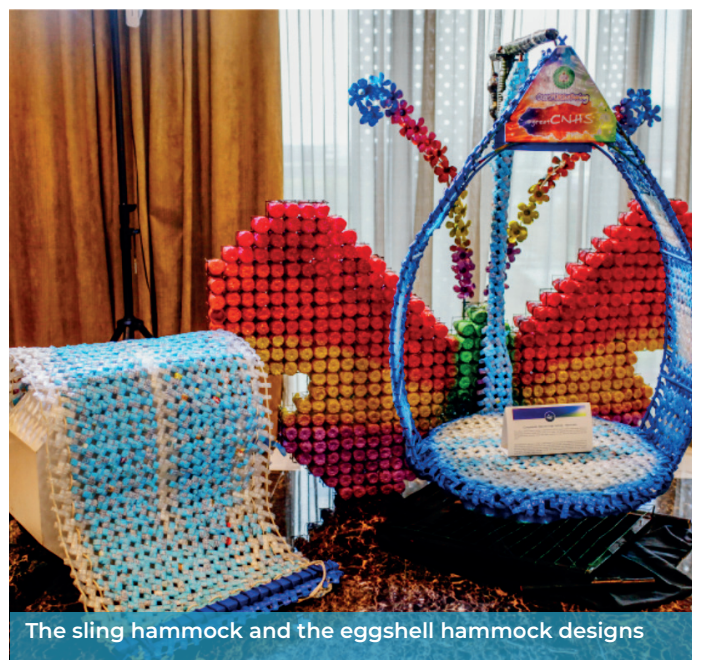


Plandent eco-bricks of Gen. Climaco National High School

## GENERAL CLIMACO NATIONAL HIGH SCHOOL, TOLEDO CITY (3rd Place)

General Climaco, Toledo City

The product is named Multipurpose *Plandent* Eco Bricks. The word *Plandent* came from the materials like the shredded PET Bottle and sand cement. The bricks can be used as foot paths, fish pond, aisles, and grotto, for landscaping and other purposes. General Climaco National High School partnered with General Climaco Fishermen's Organization and trained the members for the production and upscaling of the innovation as an alternative source of income.



The sling hammock and the eggshell hammock designs







Ecopots utilizes shredded PET bottles

## ROBERTO E. SATO MEMORIAL NATIONAL HIGH SCHOOL (5th place)

Calidngan, Carcar City

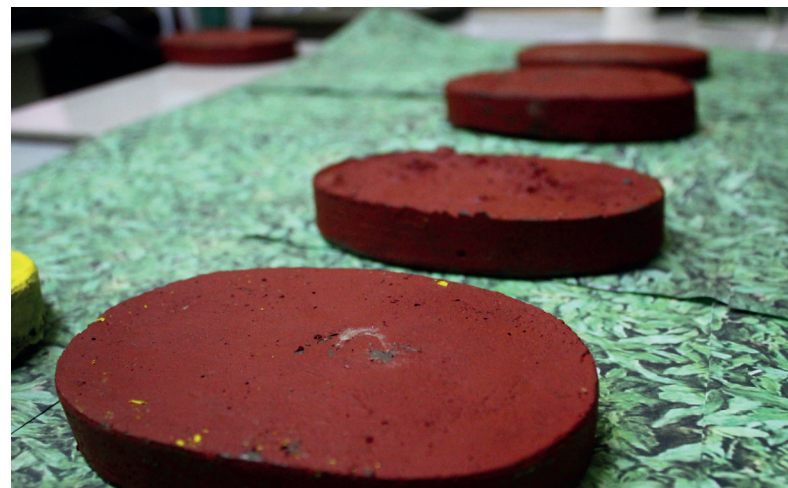
The Concrete Eco Pot is a natural and durable pot which offers a cheaper alternative to the common ceramic and clay pots available in the market. Each concrete eco-pot is made out of limestone, cement and 100 grams of shredded plastic bottle. Roberto Sato Memorial National High School established a Memorandum of Agreement with the Lunas, Latab, Calidngan Pit-os United Farmers Association (LULACAPIUFA) for the partnership of the production of the Eco-pots.

## GELACIO BABAO SR. MEMORIAL NATIONAL HIGH SCHOOL (6th place)

Valladolid, Carcar City

The products are Bote Tiles, which the school named Bote Ti, is made from manual shredding of 25 PET bottles (per tile). The tiles are made out of 30% cement and chicken wire. This innovation is an alternative or cheaper substitute to the commonly used ceramic tiles, and can be used in the flooring of aisles, pathways.

The school linked with Purok Valladolid, a group of women initially organized as 4Ps beneficiaries of DSWD for the training, production and market of the product.



Bote Tiles from Gelacio Babao National High School





**TOLEDO CITY SCIENCE HIGH  
SCHOOL (7th place)**  
Ilihan Heights, Toledo City

Alternative Plastic Water Pipeline for Domestic use is limited only to solve the water scarcity in the domestic homes and agricultural farmlands. The product has three main parts: the pipeline composed of 1 liter bottles, the outer shell which is made up of 10 liter bottles, and the inner layer which is reinforced with Ecobricks. Toledo City Science High School connected with the Ambassador for Christ Youth Organization, a Toledo-based organization, in upscaling the product.



Lounge couch design of Jovencio Masong National High School

**JOVENCIO N. MASONG  
NATIONAL HIGH SCHOOL  
(8th place)**  
Panabilan, Bogo City

The product, called the Eco-bote Relax Ware, is a lounge chair filled with PET bottles. The concept of Jovencio N. Masong National High School is to partner with the Purok Mablaw Furniture Makers Association in fabricating the Lounge Chair. Each one-seater Eco-bote Relax Ware is filled with 50 pieces of 500 mL PET bottles. The school has started receiving orders from clients and customized the design of every product according to every client's preferences.



A prototype design of the water pipeline



## SABANG NATIONAL HIGH SCHOOL (9th place)

Sabang, Danao City

Sabang NHS focuses on a service innovation with a concept of creating a barter system of PET bottles, in exchange with basic goods like laundry products, food items, and load. The strategy is to have a home-based collection, which will include offices, schools, and other companies and organizations, given that Barangay Sabang is populated with workers coming from industries. The school partners with the community-based organization, Sabang Productive Youth Organization.



A CBO member weighs the sack of PET bottles for the barter

## ANONANG SUR TABACO FRASCO NATIONAL HIGH SCHOOL (10th place)

Anonang Sur, Bogo City

The product is a packaged Dextrose Gardening kit, an innovation that addresses water crisis in their barangay. These supply life to the plants without wasting water. Also, it helps the environment in terms of disposing the PET bottles.

The liquid mixture poured inside the bottle functions as in irrigation and fertilizer for the plant with carefully calculated concoction of water and organic fertilizers such as fermented plant juice and fish amino acid. In partnership with the Women's Community Association organized by DSWD-MCCT in Bogo City, Anonang Sur Tabaco NHS plants to Anonang Sur Tabaco National High School plans to upscale and expand more of their product-service by modifying the form of the bottles and changing the liquid mixture, and providing maintenance service that would meet the needs of the customer for their farm or garden.



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