

2020



Appropriate Technology Collaborative
Opportunity by Design

Annual Report



*Serving communities during COVID
Quetzaltenango, Guatemala*

In 2020, you helped...



Install
2 Solar
Schools



1,575 people
use solar
lamps



500 people
drink filtered
water



support 30
small
businesses

2020 Project Highlights

Before the Pandemic

Solar Centers

In January, volunteers helped MPL **install solar power** at a school and community hall in Montmaria. 1,200 community members in these isolated communities benefited from expanded services including **open computer hours, printing and cellphone charging**.



Mayan Power and Light

After a decade of local community building, ATC's Mayan Power and Light (MPL) program submitted registration in February to become the **recognized Guatemalan nonprofit** Poder Y Luz Maya to self-sustain social programs bringing solar power and water filters to all Guatemalans.

The COVID crisis took the world by surprise

We responded to the emergency situation guided by our mission and principles to empower communities with appropriate technologies that break the cycle of poverty.



Solar Lights

COVID-19 closed schools worldwide. In Chitas and Tiritibol, the solar school is the only electrified building in town. MPL and partners distributed 319 **individual solar lights** so students could keep up with classes at home.



Water Filters

MPL partnered with ODIM, a local health nonprofit to carry out a randomized-controlled study on the **health and economic impacts** of our 0.1 micron-water filter. 200 families benefited from water filters or food.



Online Coaching

Small businesses are struggling to adjust to new conditions under the COVID-19 crisis. MPL's **expert consultant** met digitally with small business owners teaching skills and tactics to be **resilient** in uncertain times.

Innovating Change

Message from the Executive Director

In times of intensified environmental and social crises, ATC is prioritizing high impact, self-funding models to serve at-risk communities immediately.

ATC is committed to fighting poverty through meaningful cross-cultural cooperation and regenerative solutions to improve quality of life. ATC incubates social businesses that further this mission, bringing dignity and participation to critical social issues.

Incubating **triple bottom line businesses** in the developing world **extends donor dollars** by activating local economies and cycling funds for continued growth.

We're proud to announce ATC's 4th social enterprise, Aspirational Technology. Combining human-centered design and aspirational branding to create jobs and serve urgent health needs in Latin America.

Thank you for getting to the root of the problem with ATC's innovative development solutions.



Monika Goforth



Lean yet Powerful

ATC

Volunteer-led programs, Global network of contributors

Open-source online Design Library

Community-focused STEM training



MPL - Solar20 - AT - SEA

Economic, Environmental, and Social Sustainability

Educating and empowering through
solar energy, water filters, clean cookstoves

Join us in our efforts to build a sustainable world. Learn more at www.apptechdesign.org

2020 Awards



ATC was featured on **GEM TV**, an online educational platform dedicated to positive environmental solutions

GLOBAL ENVIRONMENT MEDIA



MPL named in the top 300 Outstanding Sustainable Organizations by **Entreps**

United Nations Associations of Greater Lansing and Greater Detroit recognized ATC for contributing to 2030 Sustainable Development Goal #9



SDG #9: Build resilient infrastructure, promote sustainable industrialization and foster innovation

2020 Collaborators

Highlighting our 2020 stars

Volunteer

Hemdeep Dulthummon
Business strategy and financial model advising

Mallory Young
Developed the carbon credit partnership online program

Angelo Flucker
Social media and Detroit Solar leader

Design

John Holler
MPL cellphone field sales app development

Team Tech
Ultra portable water filter consulting

UTech
Solar food dehydrator student design project

Donate

Aaron Thornburg
Online business coaching seminars sponsor

Cassie Cammann
Clean water filter health and economic study sponsor

Blossom Foundation
MPL operations sponsor

New Exec Member

ATC welcomed a new team member, Theresa Smith, serving in the newly created role of Director of Operations. Coming with 19 years of design and prototyping at Toyota North America. Theresa will fortify program efficiency, guide our design projects and leads engineering at our new social business start-up, Aspirational Technology.



Financials

Board of Directors

CARL PATRICK
President

HEMDEEP DULTHUMMON
Vice President

BHAVYA TUMMALA
Secretary

ETHELIA BROWN
Treasurer

DIANA WONG, PHD
Advisor

CHRISTINE WATSON
Advisor

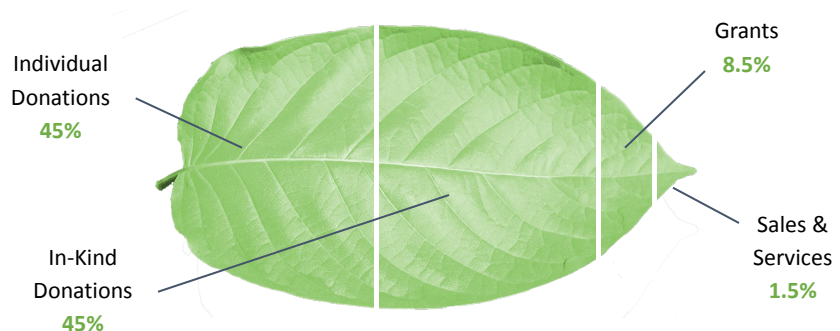
MALLORY YOUNG
Fundraising Committee

ANGELO FLUCKER
Fundraising Committee

ASHLEY TRIMMER
Strategy Committee

Income

Individual Donations	\$79,485 USD
In-Kind Donations	\$79,794 USD
Grants	\$15,000 USD
Sales and Services	\$2,500 USD
Total	\$176,779 USD



Expenses

Mayan Power and Light Program	\$74,357 USD
App Tech Design Program	\$26,384 USD
Detroit Solar Program	\$8,225 USD
Aspirational Technology Program	\$25,250 USD
General Operating	\$34,281 USD
Total	\$168,497 USD

