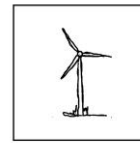
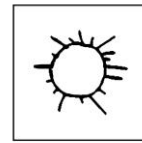


# 2021



The Appropriate Technology Collaborative

# Annual Report



*Serving communities during COVID-19  
Quetzaltenango, Guatemala*

In 2021, you helped...



2 New  
Solar  
Schools



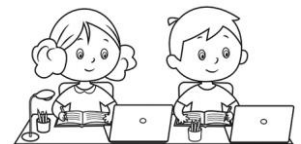
100 people  
use solar  
lighting



400 people  
drink filtered  
water



support 109  
women's  
businesses



70 young  
students  
trained

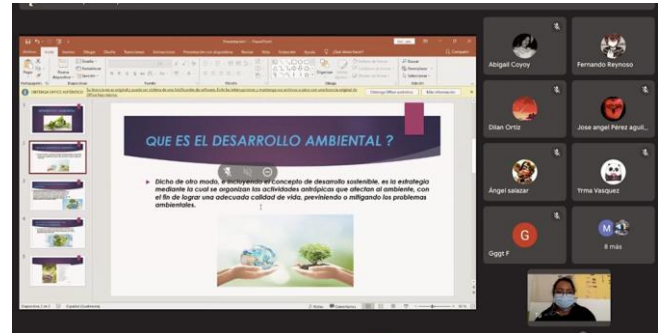
# 2021 Project Highlights

Sustainable energy solutions can't wait. We delivered life changing services while keeping everyone COVID-safe with online meetings, face masks and working outside.



## Solar Centers

In July, community volunteers helped install solar power at two schools in San Rabinac and La Ceiba. 273 elementary and junior high school students in these isolated communities benefit from expanded services that include open computer hours, printing, and cell phone charging.



## Generations of Change

48.5 hours invested in the workshop for 70 at-risk students on "Appropriate Technology for Entrepreneurship," endorsed by the Departmental Directorate of Education of Quetzaltenango., promoting sustainable economic development with students and their community.



## Water Filters

An impact assessment was carried out, upon the delivery of 100 VF-100 filters to 100 families in Santa Lucía Utatlan, San Juan la Laguna and San Pablo la Laguna in the department of Sololá.



## Solar Kits

25 families living without electricity got subsidized solar kits in Cantel and Aldea Duraznales, helping them overcome Energy Poverty while avoiding the use of candles, ocote and other smoke generators that affect health and the environment.



## Online Coaching

Small businesses are struggling to adapt to new conditions under the COVID-19 crisis. MPL staff trained to become consultants and met digitally with 109 micro-business owners to teach them tools and strategies to grow their business.

# Director's Message

2021 was an important year for Poder y Luz Maya as new leaders took the initiative, joining in community actions and projects. After these years of growth and resilience as an organization, I am happy to announce the birth of my daughter. While taking this time to be with my family, I continue to offer my support and advice to the MPL staff and board.

Luis Cahuex and Eve Pérez have shown commitment and love for what they do, so now they are the ones who represent MPL with organizations, municipalities and other entities. Luis has the efficiency to establish alliances with governmental and non-governmental entities to reach communities in need. Eve Pérez coordinated and taught entrepreneurship courses with the Municipal Departments for Women and is working with 6 community solar groups, in addition to being the guide for other professionals who collaborate with MPL.

In 2022, we look forward to our next solar installation with the school in Unilla, Chicaman; the teaching of "Appropriate Technologies with an Entrepreneurial Spirit" in 7 schools around Quetzaltenango; and continuing with the entrepreneurship diploma courses for organized women's groups.



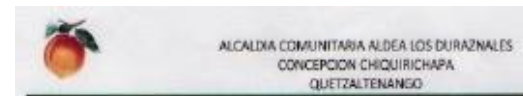
John Barrie

## Community Support

San Rabinac community leaders impressed us with their excellent coordination in our "last mile" solar school. The newly formed solar committee worked diligently with MPL staff to coordinate the complex solar installation project in their isolated village. With a high level of women's participation and community engagement, the solar installation project was a huge success, thanks to the many community volunteers who arranged to receive equipment, provided 4WD transport and lodging for staff at the school. Students and parents volunteered to help install the equipment and we celebrated a joyful inauguration together.

University of Mesoamerica helped Poder y Luz Maya develop our communications strategy with rural communities, volunteers and donors. 8 students created video and digital content to help us expand our network and reach new communities with content written in Mayan dialects.

# 2021 Collaborators



## Highlighting our 2021 stars

# Help that goes the distance

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# Financials

## Staff Members

JOHN BARRIE  
Executive Director (USA)

MARILENA CHOQUAJ  
Program Director

LUIS CAHUEX  
Administrator

EVERILDA PÉREZ  
Social Worker

RICARDO OCAÑA  
Solar Electrician

## Board of Directors

Carl Patrick  
President

Tina Watson  
Vice President

Secretary

Ethelia Brown  
Treasurer

Member

Member

Member

Income	
Mayan Power and Light	\$71,834 USD
Solar STars	\$ 1,268 USD
Technology Development	\$ 5,000 USD
<b>Total</b>	<b>\$78,102 USD</b>



Expenses	
Administrative	\$ 5,452 USD
Solar Center	\$22,070 USD
Generations of Change	\$11,689 USD
Green Entrepreneurship	\$10,117 USD
Technologies For Development	\$10,413 USD
<b>Total</b>	<b>\$ 59,741 USD</b>

