

Light. Water. Opportunity.

Working alongside
communities in Guatemala



A family at home with solar lighting, 2025

70

Families in a solar-and-water
project completed in 2025

38

Additional homes with solar and
water filters, July–December

2

Dehydrator prototypes
installed in July 2025

A year of continued work

Dear Friends,

Your support helped ATC continue its work with families and local partners in Guatemala during a year of leadership transition. Solar lighting, household water filters, and locally built food dehydrators remained central to our efforts.

The value of this work begins with what families can do with it: light their homes after sunset, filter drinking water, and preserve agricultural products. Our partners help shape solutions that fit daily life in their communities.

Thank you for helping us sustain these relationships and carry the work forward.

John Bottenberg
Acting Executive Director

THE CONTINUING WORK

171

People reached through the
July–December installations

87

Children included among
those 171 people

38 households received solar
lighting and water filters.

Solar lighting and clean water

A 70-family project completed

In 2025, ATC completed a project supported by Project Nightfall Philanthropies that provided solar home lighting systems and clean water to 70 families in rural Guatemala.

In 2025, numerous mothers told ATC that switching from candles or kerosene lamps to solar home lighting allowed them to complete their home-based craft projects in half the time. They described doubling their productivity, creating opportunities to earn more from the goods they produce at home.



Solar lighting inside a home, Guatemala, 2025

Families also reported more time for children's homework and savings from replacing candles and kerosene.

38 additional homes

JULY–DECEMBER 2025

Solar lighting and water filters reached 171 people, including 87 children, in Xetonox, Paraxquim, and Xenimaquim.

Household water filtration

Water filters alongside solar lighting

ATC paired solar home lighting systems with household water filters. Together, these technologies address two everyday needs: light after sunset and a way to filter drinking water at home.



Filling the ceramic filter, 2025



A family with their Ecofiltro, 2025

The local relationships behind the work



Midwives learning about solar and water filters.
From John Barrie's December 2025 presentation.

Working with midwives

Traditional midwives, known locally as comadronas, connect ATC with families, including households with expectant mothers and newborns.

Their relationships with mothers and communities help identify needs and coordinate installations. Shared learning about solar systems and water filters is part of that partnership.

Coordination in Guatemala

Rubén Mata, ATC's Project Coordinator in Guatemala, coordinated field activities with local partners, supporting the relationships that make installations possible.

Solar food dehydrators in field use

Two prototypes installed in July

ATC installed two solar food dehydrator prototypes on farms in July 2025. By October, the farm collective had shared positive feedback and photographs of dried products.



Prickly pear slices on a drying rack



Ground taro root
packaged for sale

Learning from field use

The design grew from Michigan State University student work in 2011 through continued development by ATC's field team in 2025. Testing continues to inform materials, airflow, and local construction.

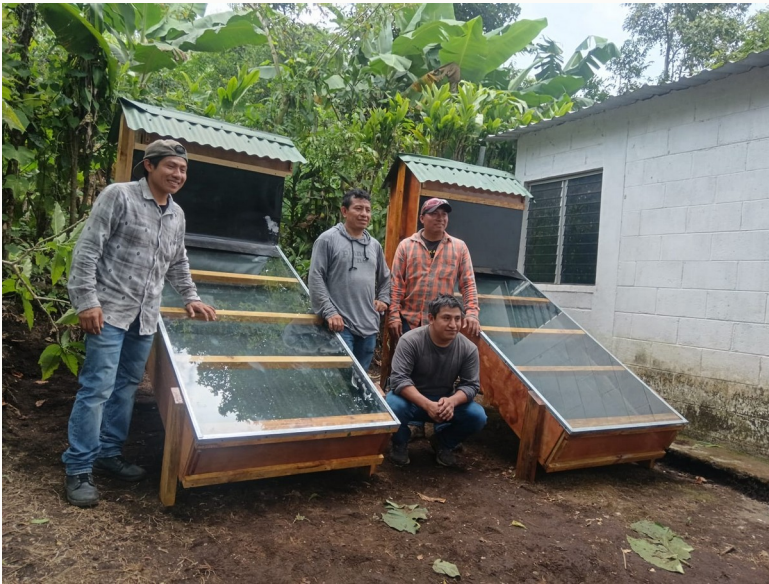
The work aims to help growers preserve food and develop products they can use or sell.

ATC Phase 3 field work

Honoring John Barrie's legacy

A legacy of collaboration

At his December 2025 retirement presentation, founder John Barrie reflected on the people and partnerships behind ATC's work. Over the years, that work brought together volunteers from 26 colleges and universities and local collaborators in Guatemala to develop technologies with communities.



ATC Dehydrator Team, 2025



Project Mesa team, from ATC's earlier work

We thank John Barrie for bringing people together to develop technologies communities can use. Those relationships continue to shape ATC's work.

The people behind the work



Shared purpose. Lasting friendships.

A moment from ATC's earlier work, shared in John Barrie's December 2025 retirement presentation.

2025 financial stewardship

Year ended December 31, 2025. U.S. dollars. Accrual basis.

\$49,221

Total revenue

\$57,470

Total expenses

\$19,626

Year-end net assets

Revenue and expenses	Amount
Contributions, gifts, grants, and similar support	\$49,216
Investment income	\$5
Total revenue	\$49,221
Grants and similar amounts paid	\$5,592
Salaries, compensation, and employee benefits	\$10,728
Professional fees and independent contractors	\$27,842
Printing, publications, postage, and shipping	\$40
Other expenses	\$13,268
Total expenses	\$57,470
Deficit for the year	(\$8,249)

Year-end financial position	Amount
Cash, savings, investments	\$15,937
Other assets	\$4,463
Total assets	\$20,400
Total liabilities	\$774
Net assets, December 31	\$19,626

Net assets decreased from \$27,873 to \$19,626, including a \$2 rounding adjustment. Program service expenses totaled \$36,419 and are included in total expenses.

Supporting environmental work through partners

ATC transferred \$5,592 in donor-restricted GlobalGiving funds to WellKind for tree planting in Guatemala. This amount is included in grants paid above.

The people and the work ahead

Leadership and continuity

The board appointed John Bottenberg Acting Executive Director on April 28, 2025, as ATC transitioned from founder John Barrie's executive leadership. John Barrie continued contributing technical knowledge and field experience, including his July visit to Guatemala.

In 2025, Christine Watson served as Board President, John Bottenberg as Acting Executive Director, and Diana Wong as a Board Member. ATC also thanks Pamela Kay for her board service and help during the transition.

Continuing the work

In August, the board approved a plan to provide solar home units and water filters to 100 homes. By December, 38 households had received their systems and filters.

Continued donor support helps fund further installations and local field support.

Help carry this work forward.

[Support ATC's work](#)

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