

2021 ACLENet Highlights and ANNUAL REPORT



Lightning Safety Goes Global

ACLENet led multiple international lightning safety conferences

These commemorated International Lightning Safety Day on 28 June 2021

Participants from 38 countries and 15 time zones were active online

This was the tenth anniversary of the 2011 Runyanya school disaster

In this Uganda event, 18 children were killed and 38 hospitalized

This disaster catalyzed the formation of ACLENet

Preparing for International Lightning Safety Day 2021
Welcome, Review 2020 and Way Forward

ACLENet
Lightning and Electromagnetics Network

ALPER

ALNet
South Asian Lightning Network

Raising Awareness and Saving Lives!!

An Online Event

Preparing for Lightning Hazards

ACLENet
Lightning and Electromagnetics Network

Since 2014, lightning safety advocacy programs have grown from two to more than ten around the world!

ACLENet Board of Directors Expanded

The Board of Directors was expanded to guide the growth of ACLENet
Individuals who support ACLENet are taking the lead in

- fundraising
- developing educational materials for schools, teachers, and staff
- newsletter redesign
- working with Uganda government
- financial management and policies, and other areas





Polytech and Engineers without Borders Fund Mongoyo School Protection

Polytech and Engineers without Borders in Denmark funded the protection of an entire school complex

This school in northeast Uganda had three children killed and dozens injured by lightning in 2021

ACLENet's Lightning Protection Working Group designed the system

- Phase 1 completed in 2021
- Phases 2 and 3 to be completed in 2022



Polytech
Wind for life™



**ENGINEERS
WITHOUT
BORDERS · NL**

Two Mass Casualty Incidents Reported on to Uganda Government

ACLENet reported on the investigations of incidents at Mongoyo and Arua schools at seminars with primary and secondary school officials from Uganda

The Honorable Hilary Onek, Minister for Disaster Preparedness with the Government of Uganda attended these reports





Public Service Announcement Broadcast in Luganda Language Funded by Rotary Club in Netherlands

In 2020, a short [Public Service Announcement](#) with basic lightning information (PSA) was broadcast in English

In 2021, [it was translated into Luganda](#) and broadcast to the rural population. Luganda is the most widely spoken indigenous language in Uganda

Fundraising Videos and Testimonials -

Use links to learn
why these donors
support ACLENet

Their endorsements
increased donations
to **175%!**

[Walt Lyons, PhD](#), Past President of the
American Meteorological Society

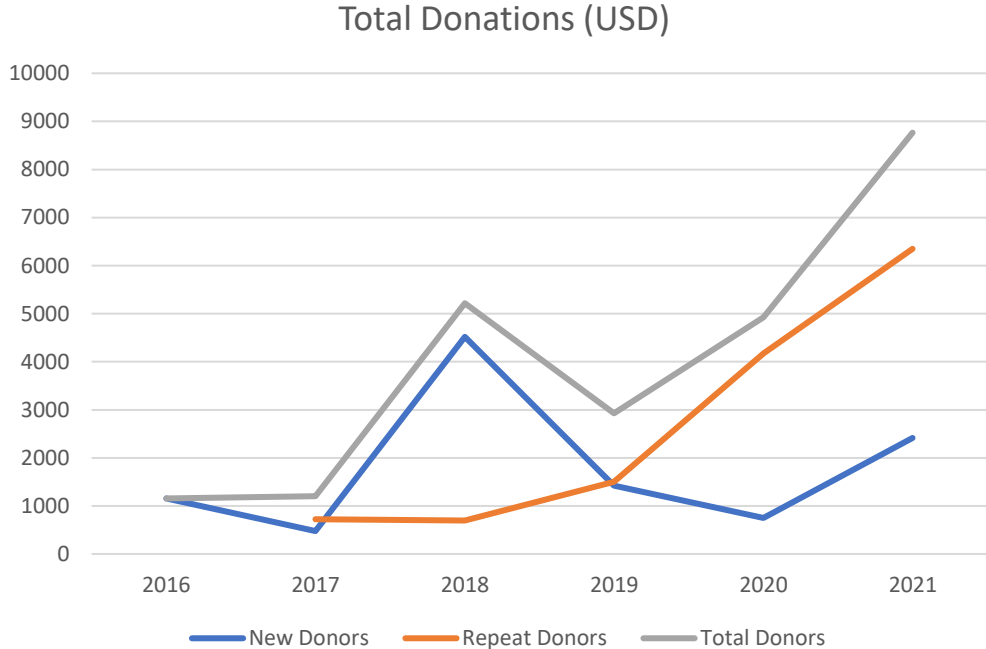
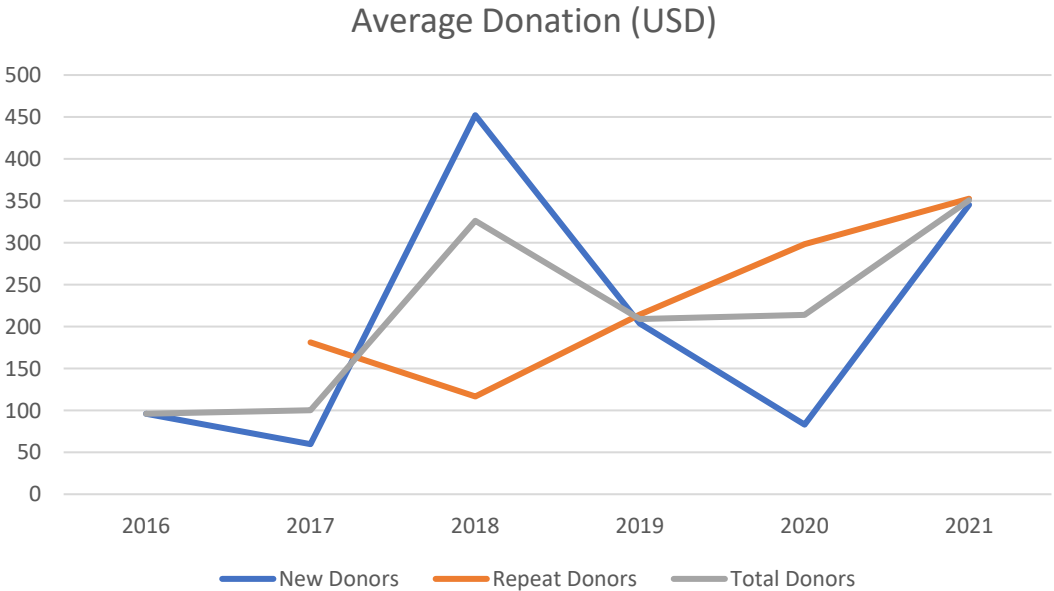
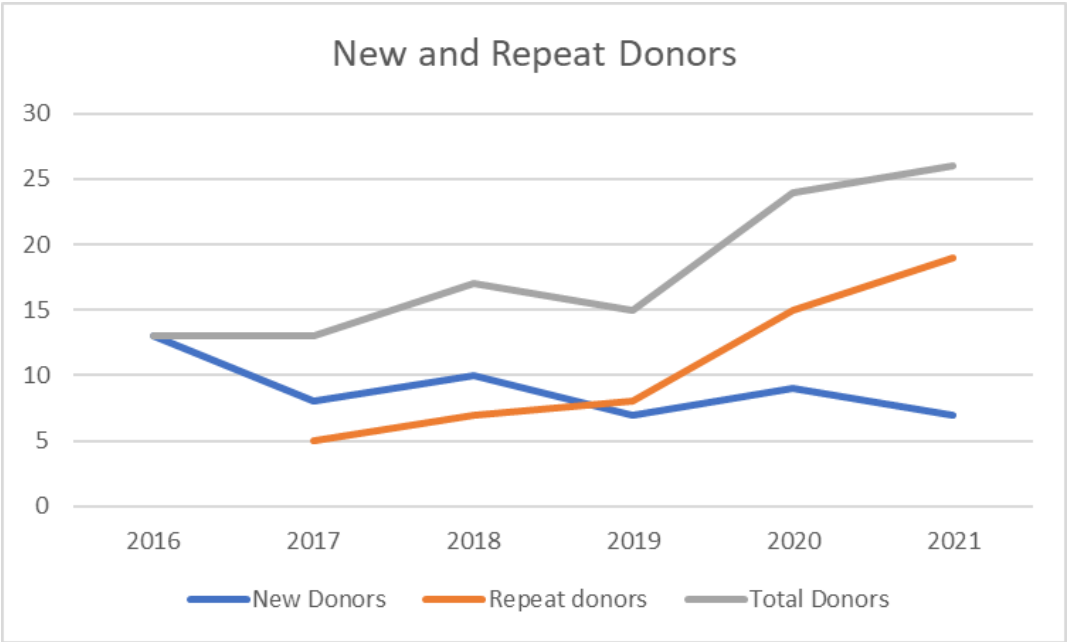
[Barbara Wolters](#), Retired teacher, lightning
survivor

[Marvin Wayne, MD](#), Emergency physician

[Ronald L. Holle](#), meteorologist, ACLENet Board
member, lightning researcher

[Rick O'Keefe](#), Moderator of the Power Quality /
Lightning Protection Listserv with over
3000 members worldwide

Donor Analysis 2016-21



Income and Expenses - 2021

Income

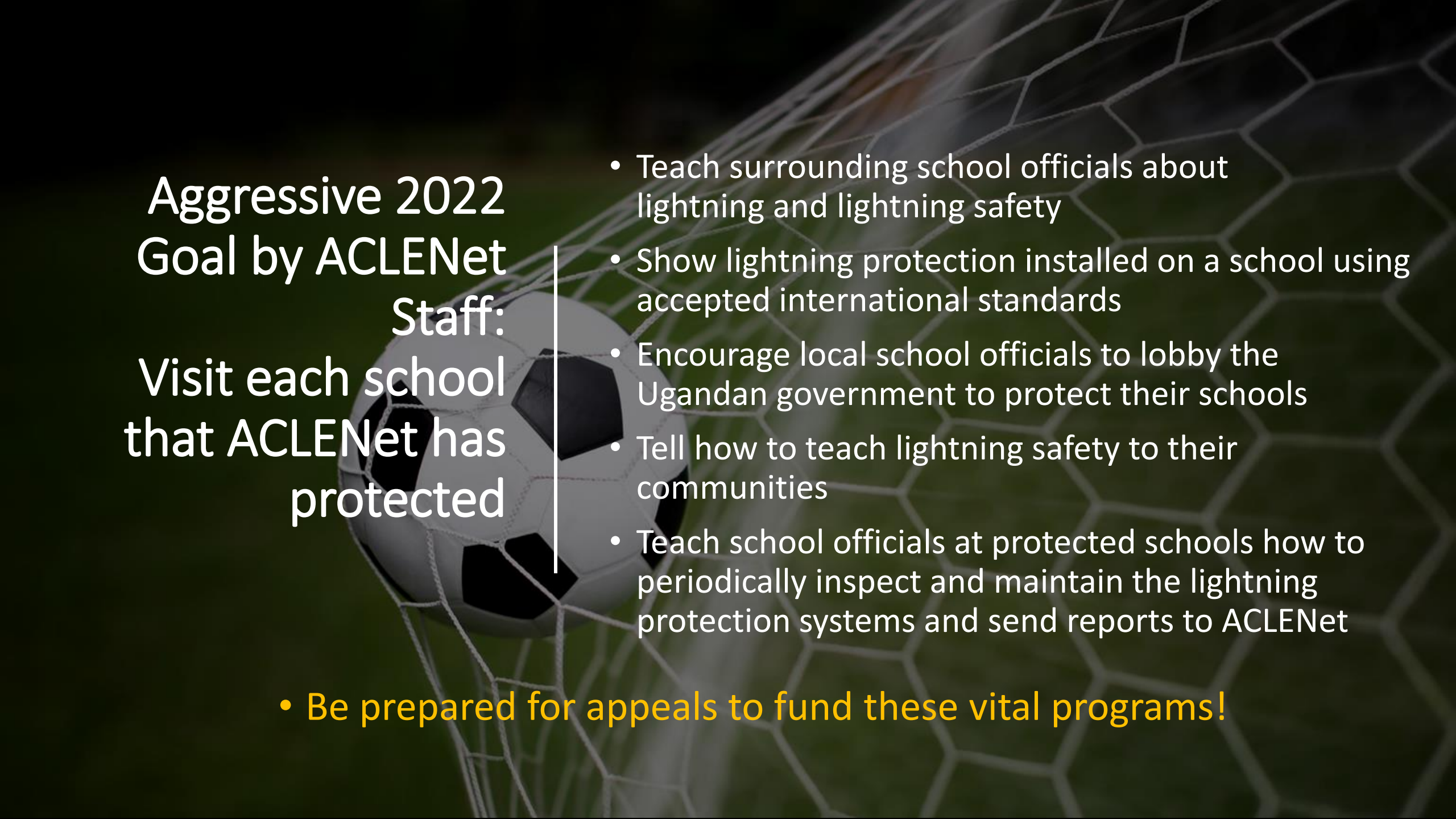
Individual Donors	8,763
Anonymous	10,000
Grants / Contracts	
Leuthold Family	20,000
Netherlands Rotary	1,000
Polytech LP	<u>21,074</u>

Total \$60,837

Expenses

Administration	7,508
Fundraising	6,412
Programs	
School Protection	36,535
Public Education	6,170
Research	<u>1,200</u>

Total \$57,865



**Aggressive 2022
Goal by ACLENet
Staff:
Visit each school
that ACLENet has
protected**

- Teach surrounding school officials about lightning and lightning safety
 - Show lightning protection installed on a school using accepted international standards
 - Encourage local school officials to lobby the Ugandan government to protect their schools
 - Tell how to teach lightning safety to their communities
 - Teach school officials at protected schools how to periodically inspect and maintain the lightning protection systems and send reports to ACLENet
- Be prepared for appeals to fund these vital programs!**

How can you help ACLENet grow?

ACLENet is totally supported by grants and donations from people like YOU.

If you can't donate money,
then donate your time and enthusiasm:
Talk to your friends about ACLENet,
Tell them why you support ACLENet,
Tell them why they should support ACLENet!

Find sponsors for different segments of what ACLENet is doing.

