

HELP POWER THE POTENTIAL WITH YOUR KIND SUPPORT

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Donate online at poweringpotential.org/donatenow or call 929-265-1167.

Please make check payable to **Powering Potential Inc.** and mail *with this form* to:

Powering Potential Inc.
P.O. Box 230973
New York, NY 10023

- ☐ Enclosed is a check for \$ _____
- ☐ Please charge my credit/debit card **one time** for \$ _____
- ☐ Please charge my credit/debit card **monthly** for \$ _____

Name*: _____

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** Required for credit/debit card donation*

Credit/debit Card Number: _____

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- ☐ I grant permission to publicize my name as a donor. (Donation amounts are not listed.)
List name as: _____
- ☐ Please email me PPI's quarterly newsletter.

You may be able to double your generous support if your organization has a matching gift program.

THANKS FOR YOUR SUPPORT!



THANKS TO OUR PARTNERS & SPONSORS, PAST & PRESENT



ADDITIONAL RECOGNITION



"If one day we meet in person, I would be much overjoyed and might shed tears because of your heart of helping since you have brought us from a dark environment and now we are going to be like shining stars. I thank you a lot." - **Mahando T. Mahando, student**

"Pass my greeting to your friends who contributed to Powering Potential because without you and them I cannot even write this email to you for being computer illiterate. Now here I am, everyone is impressed on my computer skills." - **Charles Hillary, student**



Powering Potential®



**Harnessing Solar Power
to Bring Technology and
Digital Learning to Schools
in Tanzania and Peru**

15 years and counting...

poweringpotential.org

OUR INSPIRATION

While on safari in 2006, American entrepreneur and computer consultant Janice Lathen visited a school in Tanzania. When she introduced herself to the students in Swahili, their exuberant response inspired her to deepen the connection, and thus was born a pilot technology project in one rural Tanzanian district. Fifteen years on, 33 schools have embraced Powering Potential Inc. (PPI)

OUR MISSION

PPI uses technology to enhance education and to stimulate imagination for learners in developing countries, while respecting and incorporating the values of local cultures.

THE CHALLENGE

In rural Tanzania, key ingredients for a quality education are lacking – electricity, modern textbooks, enough teachers, and adequate opportunities. In the Peruvian Amazon, other than in a few major cities, technology barely exists and dwellings often lack basic services, such as electricity and indoor plumbing.

THE SOLUTION

PPI provides technological infrastructure, so that students living in rural underdeveloped areas can benefit from the advances of modern technology. Infrastructure includes solar power systems, computer hardware and software.



WHAT WE PROVIDE



Technological Infrastructure

Solar-power system and computer network



Offline Digital Educational Resources

Including Khan Academy videos, Wikipedia articles, learning platform, and national school curriculum



Training

For teachers and students, including office productivity software and coding applications

OUR AWARD-WINNING PROGRAMS

SPARC

(Solar-Powered Access to Raspberry Computing)

PHASE 1

- Solar-power system
- 5 Raspberry Pi computers
- Low-watt monitors
- Offline digital educational resources
- Mobile projector
- Teacher and student training

SPARC+

PHASE 2

- Upgraded solar-power system
- 15 additional computers
- Additional teacher and student training

Pi-oneer

- Solar-power charging unit
- 1 Raspberry Pi computer with pre-installed digital educational content
- Mobile projector

Training Workshops

- Office productivity software
- Coding workshops

IMPACT

34,000+

TEACHERS & STUDENTS HAVE EMBRACED DIGITAL EDUCATION IN RURAL SETTINGS

93

PROJECTS IMPLEMENTED IN RURAL TANZANIA & PERUVIAN AMAZON



294

COMPUTERS & SERVERS INSTALLED

40

TRAINING WORKSHOPS COMPLETED

15

WATTS OF SOLAR POWER PER DESKTOP VS. 100-300 WATTS OF GRID ELECTRICITY

58%

OF SURVEYED GRADUATES WERE EMPLOYED DUE TO COMPUTER TRAINING



31

SOLAR POWER SYSTEMS