

Y ⚡ L K
ELECTRONICS NUTRIENT

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How many Solar Cows does Kenya need?







aid
INNOVATION
CHALLENGE
2018 Winner



TIME

Best Inventions 2019

Power to the People : YOLK Solar Cow

TIME | BEST INVENTIONS 2019



Best Inventions

Full List



Power to the People

YOLK Solar Cow



The **YOLK Solar Cow** is helping to improve access to electricity and education in developing nations. Placed near schools, the solar charging system that usually looks like a cow has "mooer milk"—or, in other words, portable batteries—that students can take home to their families. Around 500 kids took charged batteries home during pilot programs in Kenya and Tanzania. YOLK says the product will chip away at broader global inequality issues by providing energy to low-income families and encouraging them to send their children to school. —[harc.5a1](#)

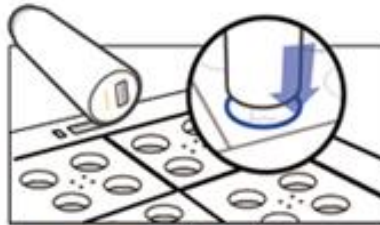
Upgrade

2018



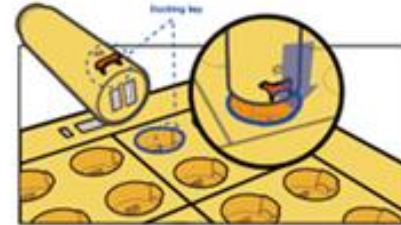
serves 50 kids

2019



serves 250 kids
custom magnetic pin (pogo-pin)

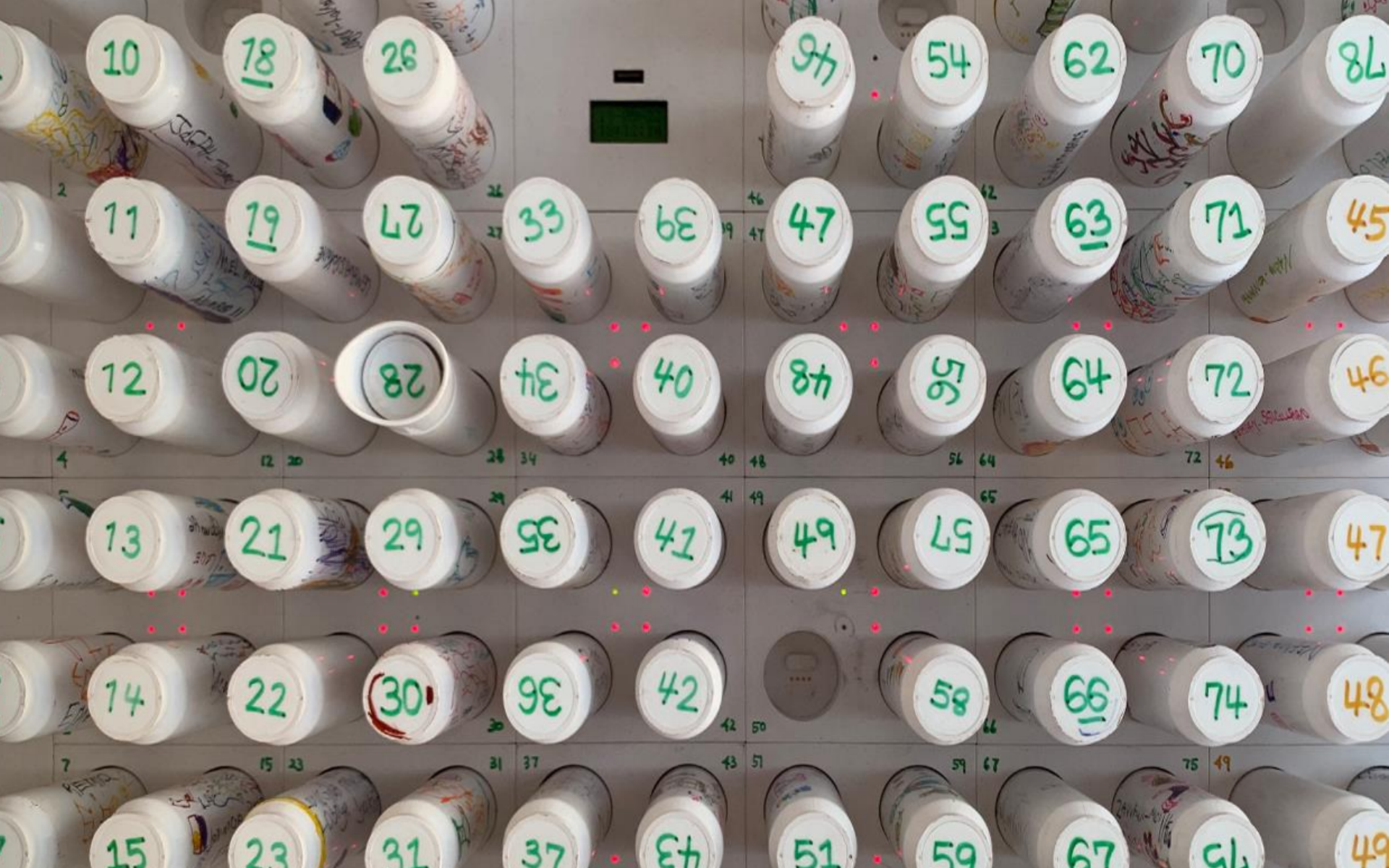
2020



serves 250 Intuitive design for docking
weather proof
sturdy charging pin



Moths and Maggots



Impact report

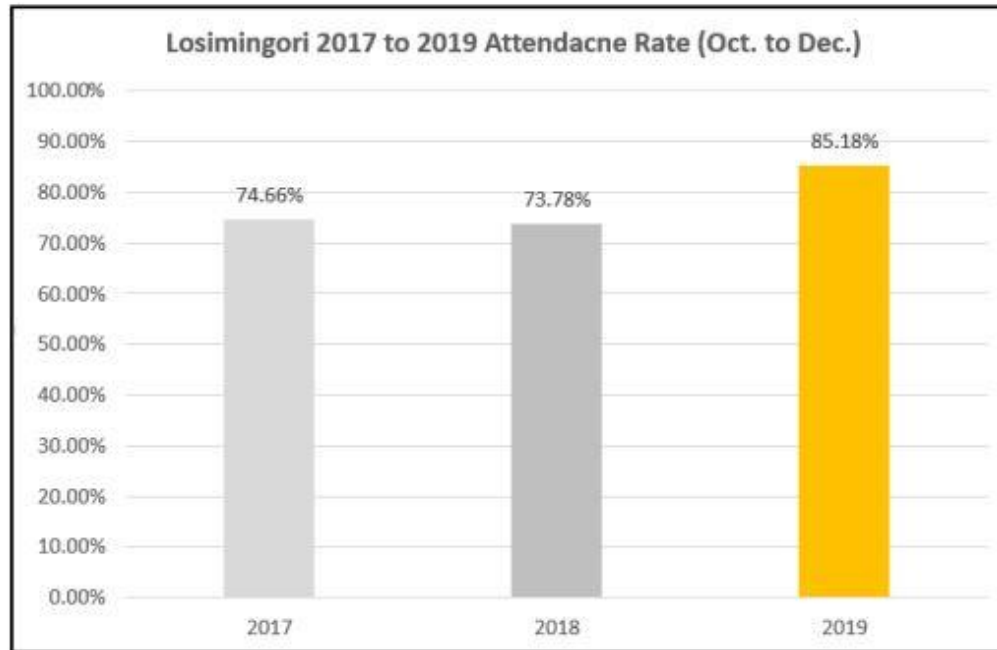


Figure 1 Three years attendance comparison for Oct. to Dec.



Certificate of Appreciation

This certificate is awarded to
KOICA Tanzania

In recognition of outstanding service and valuable contribution
of YOLK's Solar Cow project under
KOICA Creative Technology Solution (CTS)
for Tanzania Education Development from 2019-2020.

A handwritten signature in blue ink, appearing to read 'Leonard D. Akwilapo'.

Dr. Leonard D. Akwilapo
Permanent Secretary

Ministry of Education, Science and Technology

Awarded on 1st day of February, 2021

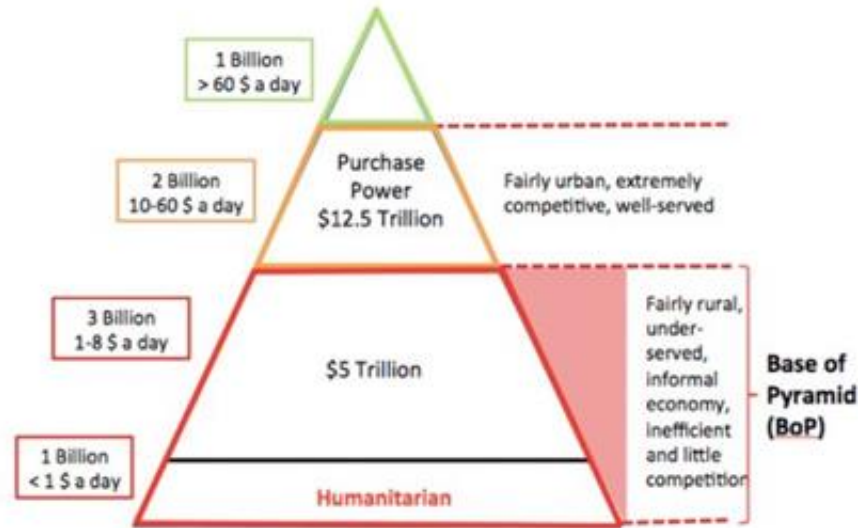
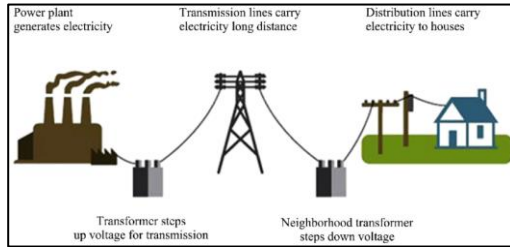


In Rwanda, a boy listens to a radio. Photo: UNICEF/UNI319836/Kanobana

BY THE DEPARTMENT OF GLOBAL COMMUNICATIONS

Education and COVID-19: UN helps children continue their learning

Overcome the limit of current solution



Base of Pyramid: The Bottom 2 segments

Franchise model

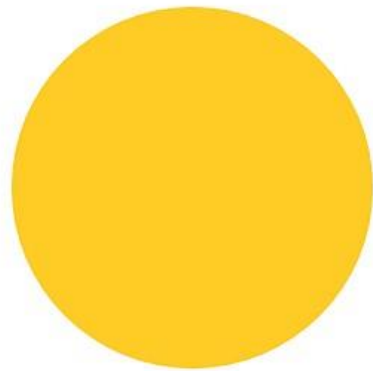
\$3 fee / \$750month/ \$250 salary/ \$500 profit

BEP 18months

year1	year2	year3	year4	year5	year6	year7	year8	year9	year10
100	170	306	549	939	1,606	2,747	5,439	10,768	21,321

국가 정상회의 발표





Y ⚡ L K
ELECTRONICS NUTRIENT

Crowd funding

Receive 1 + Give 1 + Data
(3 months)



Monthly Newsletter

Attendance

Week	Attendance
1	Low
2	Medium
3	High

Be with the child for the first quarter of school.

\$85

Only **\$28** x 3months
(SAVE \$78 \$163 MSRP)

Solar Cow For 50 kids
Engraved with your organization's name



\$5,800
\$6,800 MSRP
SAVE \$1,000

Solar Cow For 100 kids
Engraved with your organization's name



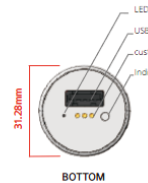
\$9,800
\$10,800 MSRP
SAVE \$1,000

Digitization of attendance

POWER MILK
portable power bank



FRONT

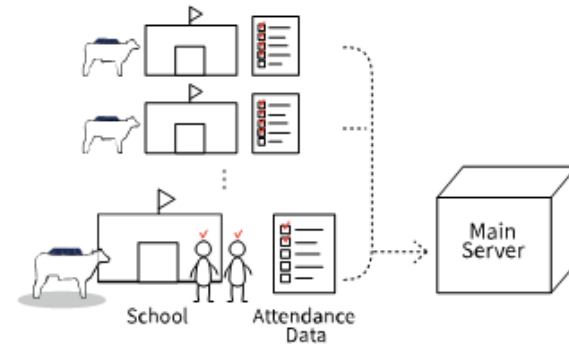


BOTTOM



ID Code

Managing attendance automatically



This ID code links you to the child
in developing countries.



각각의 배터리에 부여된 ID코드를 통해 개도국 아이와 연결!

Distribute energy through kids



Financial incentive to send kids to school

