

Giga: Staking for School Connectivity

Using staking returns to pay for operational expenses of internet connectivity for schools

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unicef 
for every child



**Giga: connecting every school to
the Internet and every young
person to information, opportunity
and choice.**

Since 2019 we have achieved substantial impact

Together with our partners, we have supported increased access to connectivity in 14.5k schools, benefitting 7.79 million students.

34

countries where Giga is active

7

countries with school mapping support

12

countries in early engagement



Staking

One of the challenges of providing internet connectivity to schools is financing the ongoing costs, also known as operational expenses (OpEx)

There is a need for a sustainable financing model that can cover these costs.

Giga wants to use staking rewards to pay for internet connectivity in schools and create a scalable model for sustaining connectivity.

**Connecting 86 000
schools in 17 Giga
countries will incur
~\$305M in yearly
Operational
Expenses**

Size of the Opportunity

86 thousand schools are currently unconnected in the 17 countries mapped in the Connecting the Dots report, conducted in 2021

It will take **\$453M** of capital expenditure and **\$305M** of annual operational expenditure to connect them.

With sustainable funding, **25.8M** students and teacher will be able to benefit from connectivity.



Our pilot in Rwanda

1. We set up a staking node with 32 ETH (<https://beaconcha.in/validator/393337>)
2. About 1000 students now have sustainable access to the Internet provided by BSC at the **Murama Primary School** in Bugesera District.
3. Currently, staking rewards are offramped to pay for connectivity with a Rwandan ISP.

Here's the timeline.

Pilot

Pilot was completed. Proof of concept is made.

Setting ourselves up for success

- Create an end-to-end crypto flow in cooperation with the CB.
- Set up a pooled impact staking product

Scale

Allow institutions and individuals alike to stake leftover crypto and donate the return for use in connectivity.



Call to Action

**Looking for a crypto company in Rwanda
who could help by joining a regulatory
sandbox**

Thank you!

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