

GIVEWATTS

**SPECTRUM
6 MONTHS REPORT
DECEMBER 2014
KISUMU CLUSTER, KENYA
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6 MONTHS REPORT

PROJECT BACKGROUND

FUNDING

14,600 CHF DONATED
265 LAMPS
7 SCHOOLS REACHED
874.5 WATTS

PROJECT AREA BACKGROUND

Kisumu is the largest city in Nyanza region and second most important city after Kampala in the greater Lake Victoria basin. Its commonly known for the fish farming and sand harvesting.

GIVEWATTS works widely in the region, and has many schools on the Kenyan side of the border.



Update in brief

The Spectrum project has been rolling out very well in Kisumu since May 2014. The GIVEWATTS officer on the ground, Joseph, has been supplying lamps to different schools for the Spectrum project. The uptake is good, and all lamps are out in the field. 107 lamps have been fully paid for, and the balance is being paid for now. We expect completion of payment by May 2015, after which the number of lamps will continue to go up.



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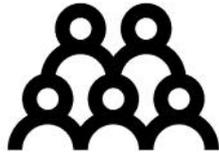
6 MONTHS REPORT

ACTUAL IMPACT



107

Solar lamps are now fully paid for



1,325

People now gain benefits from solar light and electricity



39,750

CHF in total savings for the households per year



+7%

Improvement in grades. Cluster School ranking:

EXPECTED IMPACT

- The balance of 158 solar lamps are distributed and are being paid for. Completion is expected by May 2015.
- 1500 people reached (5 people/household) using the lamp for studying, charging mobile phones, light source in the household aswell for safer walks to/from school for the students
- 150 CHF/lamp in savings per year per household (by replacing expences for kerosene and mobile charging)
- Grades and school ranking improvements

PROJECT TIMELINE



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NON MEASURABLE IMPACT



For these schools specifically, we know that the household struggle to provide kerosene for the children to study, and access to kerosene is a struggle. It is also more expensive than in other places as the transport of kerosene is challenging. It is often mixed with diesel, which gives it less light, and more toxic smoke.

We have conducted a study together with London School of Economics and Trinity College Dublin, which shows other impacts on the households. These impacts include a changed time allocation for the women in the households, with more time to undertake money generating activities outside the

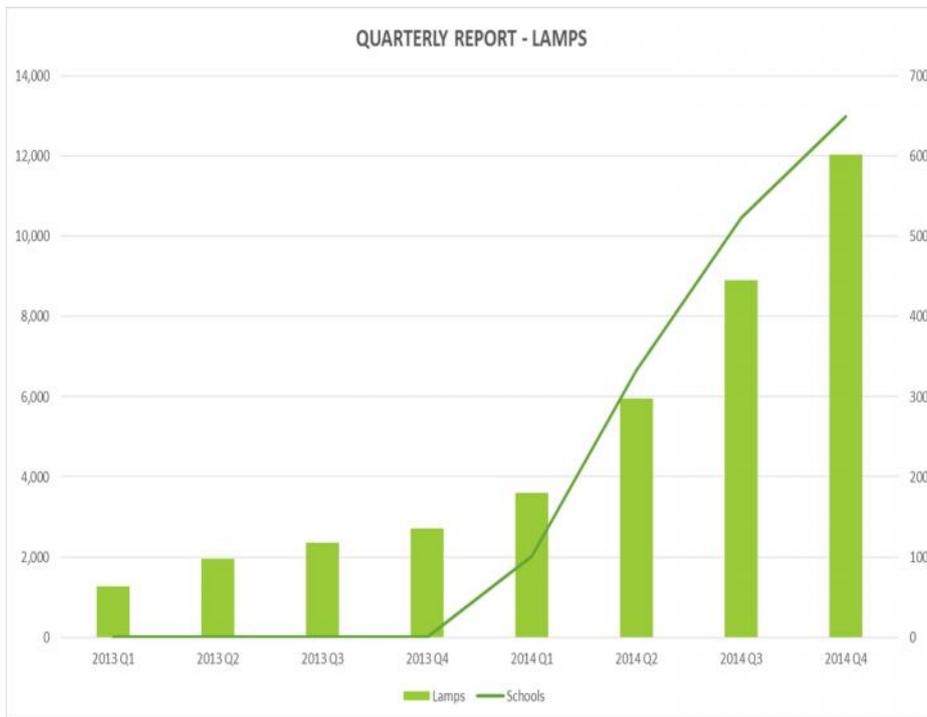
household, further improving the household economy. Another impact is that the lamps are shared more widely among children than in other parts of Kenya, with each lamp being used by up to 10 children. This likely reduces the impact per child, but spreads the impact wider.

The household savings reportedly go to other household necessities, such as food, school materials, health and sanitary products, such as sanitary pads for girls.

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GIVEWATTS TOTAL DISTRIBUTION NOVEMBER 2014



Distributed
12,028 lamps
in
649 schools
affecting
60,140 people
In
Kenya

CURRENT STATUS

During 2014 GIVEWATTS has grown in numbers, From <3000 distributed solar lamps the number by November is **12,028 lamps distributed across in 649 schools** in Kenya. The project organization which now totals to **23** people including Country Manager, Regional Managers and Field Officers.

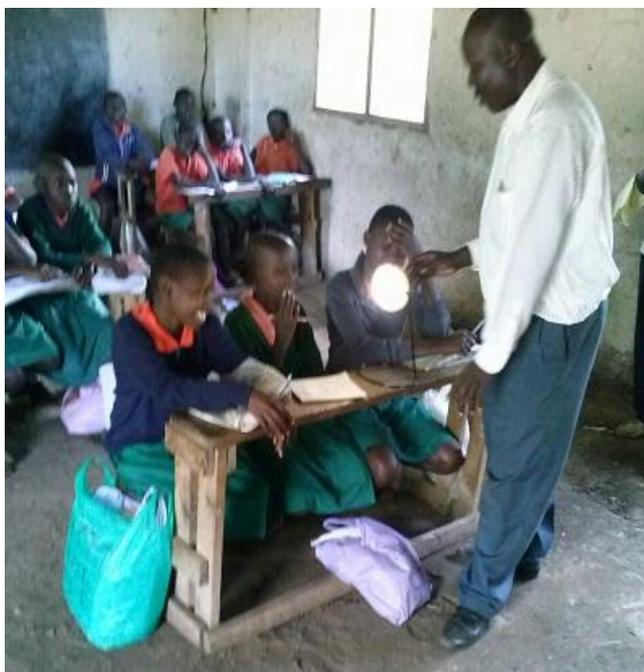
FUTURE

In early 2015 GIVEWATTS is starting operations in DRC and Tanzania, and are evaluating a few other countries for entry at a later stage.

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PHOTOS FROM THE SCHOOL CLUSTER



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