

Solar panels and lamps project

<p>Name of the project</p> 	<p>Solar panels and lamps project</p>   <p>EFICO FOUNDATION <small>COFFEE FOR PEOPLE, PEOPLE FOR COFFEE</small></p>
<p>Duration of the project</p>	<p>The duration of the project is one year.</p>
<p>Objectives of the action</p>	<p>Our objective is to enable rural families to have light and electricity in their homes, schools, childcare facility, church, health and community laboratory. We want to facilitate daily life on both personal/household level and on the community level.</p>
<p>Name of partner(s)</p>	<ul style="list-style-type: none"> • Hesselink Koffie • Efico Foundation • Asociación de Mujeres en Café de Guatemala
<p>Local partner(s)</p>	<p>See previous</p>
<p>Multi - stakeholder impact</p>	<p>The most <u>direct impact</u> can perhaps be measured in the following way:</p> <ol style="list-style-type: none"> 1. Financial: they don't spend on purchasing kerosene, candles or batteries 2. Security: better illumination at night time 3. Health: less respiratory problems, and eye irritation due to reading with poor illumination. 4. Education: better performance in school since they can do their homework at night and go prepared to school. 5. Social interaction within the family: With more lighting at night time they can interact and have more family time. 6. Reduce risk of fire since they don't burn candles or use kerosene.

<p>Outcomes/Results of the action</p> 	<ol style="list-style-type: none"> 1. Improve health by not using kerosene 2. Increase financial resources (don't spend their income on buying kerosene, candles or batteries for flashlights) 3. Increase feeling of security after sunset 4. More family interaction due to better lighting 5. Children can study more at night-time and complete their homework 6. Reduce risk of house fire due to a burning candle 7. Ability to charge their phones 8. In case of 'black-outs', the teachers can do their lesson plans better, the children can still study longer and household duties like cooking etc...can go on without any problem.
<p>Financial Reporting</p>	<ol style="list-style-type: none"> 1. The association received on February 12, 2015 the amount of 12,460.00 euros, 2. \$13,706.00 dollars at the exchange rate of Q 7.65 gave us Q104,924.64 Quetzals for the purchase of solar panels and lamps. 3. The women's Coffee Association also donated Q 21,970.36 4. Total amount: 126,895.00 Quetzales for the purchase of solar panels/lamps <p>Total solar panels purchased: 49 at a cost of Q 1,555.00 each Total solar lamps purchased : 156 at a cost of Q 325.00 each</p> <p>Total beneficiaries: 1,307 people</p>
<p>Target group(s)</p>	<ul style="list-style-type: none"> • household families • children/ adolescents • schools • communities
<p>Final beneficiaries = those who will benefit from the project in the long – term at the level of the society or sector at large</p>	<p>Those who will benefit are the families and schools of the community.</p>
<p>Estimated long - term impact, perspectives and progress</p>	<ol style="list-style-type: none"> 1. Less spending on medical treatment due to respiratory problems. 2. Increase study hours, better grades. 3. More family time, 4. Can spend more on household supplies and on children's education. 5. Increase feeling of security after sunset.
<p>Evolution of the quality of life</p>	<p>Their quality of life changes not only financially but health wise. They are able to spend more money on their children's school, house hold supplies and food and they have less respiratory problems and less eye irritation.</p>
<p>'Snow ball effect' of the project</p>	<p>For neighbours and communities to learn about solar lighting and the benefits it has on the household and community.</p>
<p>Long - term vision of the project, after financing</p>	<p>Long-term vision is seeing families with better health, well being, increase in finances and a better education for their children.</p>

<p>Leverage of the project</p>	<p>Each individual farm will provide any assistance that is necessary to the beneficiaries of the solar lamps and panels.</p>
<p>Perception of the project by the beneficiary - Testimonials</p>	<p>After interviewing five families they all have indicated that they feel safer at night time, their children have been able to spend more time doing their homework and they have been able to save more money instead of spending it on candles, batteries or kerosene. They also mentioned that the light has provided them with more family time since they can sit together in a lit room to socialize.</p>