**Describe your project in less than 200 words. What problems does it solve? What did you build? This will be published publicly. \***

Donors are usually kept in the dark about the difference that their contribution has made, leaving them skeptical and hesistant to donate subsequently. The ability to realize the impact of your donations is eye-opening. Enabling donors to track their donations makes them realize the difference that they have made through their support, thus encouraging more donations.

A beautifully designed, user-friendly crowd funding platform is built to enable people to donate to solar projects undertaken by RE-volv and track their impact. RE-volv empowers people to play their part in tackling climate change by crowdfunding solar energy projects for community-serving nonprofits and cooperatives. The beneficiaries repay with interest which is subsequently used for more projects. This platform provides donors with a greater sense of ownership and a better decision making ability when donating to projects. Donors have the ability to track their donations from a holistic as well as a per project basis. They are able to track the projects supported, amount donated, electricity generated, savings by the community, amount of donation repaid as well as amount of interest generated. Donors have the option of receiving updates whenever there are significant milestones for the projects they have supported.

About RE-volv:   
RE-volv empowers people to take action on climate change by crowdfunding solar energy projects for community-serving nonprofits and cooperatives. Through crowdfunding, RE-volv lets people donate to a revolving fund that uses savings from one solar energy project to pay for the next. RE-volv’s process has the following steps. RE-volv hosts a crowdfunding campaign for a solar energy project for a specific community center. RE-volv uses the money raised to pay the up front costs of a solar energy system which it leases to the community center. The community center pays RE-volv back over 20 years with interest. RE-volv then reinvests this money to pay for more solar energy projects for other community centers.

To date, RE-volv has completed two successful crowdfunding campaigns on Indiegogo.

Challenge:

Help build a prototype of a crowd-funding platform for funding solar projects!

Now RE-volv seeks to develop its own platform to raise donations and allow donors to manage how their donation dollars are reinvested through the revolving fund. The platform will allow donors to log in and see on their profile: 1) how much they’ve donated 2) which solar energy projects they’ve supported 3) how much electricity has been generated by their projects 4) the environmental benefits enabled by their donation 5) the amount of savings received by the community 6) the amount of their donation that’s been repaid 7) the amount of interest that’s been earned. Once they see how much has been repaid they get to decide which project to put the money into next.

This will allow for greater control and an increased sense of ownership, which will attract new donors and sustain existing donors. RE-volv is looking for HackSummit participants to propose Design Prototypes for this new web platform. RE-volv is willing to work with teams into the future on a partnership, contractor, or hiring basis.