

ElectroKinetiX

Our project helps low income families in many ways and it also helps the environment. Most of the low income families rely on fossil fuels to sustain their home, which are expensive and produce CO₂ when burned which pollutes the air. With our project we can help them by introducing them to cleaner electricity. They can start relying less on the use of fossil fuels and rely more on sustainable energy, this is one way in which we can achieve the climate change goal and renewable energy goal. We started this project in November based on the climate change goal and renewable energy goal.



We are making a project based on obtaining solar panels and installing them in houses from low income families in Jojutla de Juarez (which is a municipality in Morelos, affected by the 2017 earthquake) with the help of different companies which will help us organize our material and install the solar panels.

We were aiming to impact about 6 families.

Throughout our whole project we have achieved amazing things we didn't even think they were possible by the start of the project. The first achievement is the creation of a fundraiser on the website "donadora" and having over 30,000 Mexican pesos. Furthermore, we contacted a private industry called Alonso Forwarding Mexico. This private industry has believed in us from the start and they are helping us in installing and transporting solar panels.

We were able to expand our message thanks to [British Mexican Chamber](#). After we contacted them they agreed to upload a video about our project in their social media. Thanks to them a law firm (LHO global foundation) contacted us and we were able to make various meetings. In the meetings we realized that we actually have a chance of impacting even more houses than we had planned in impacting. Luis Miguel (a lawyer) said: "ElectroKinetiX has great future, and can become a tool that may impact national to international level"



Additionally, this law firm helped us to expand our message even more than we have ever thought. We are still making sure everything is going as planned, but our project is going to be in one of the two national broadcasting networks in Mexico, reaching over 8 thousand people.

In parallel, we have successfully reached and contacted the State of Morelos government. They are helping us to find families that really need our help and also guiding us in any problem we have or had. But not everything is rainbows and unicorns, we have also encountered many roadblocks. The most obvious one, but also one we couldn't have stopped was the pandemic. This pandemic has complicated our project because our project is centered in communicating and helping families in person and expanding our message in the streets. We weren't able to have massive fundraisers as we planned. We wanted to make huge raffles and bake sales, but this pandemic made it impossible to do it as people are concerned if our homemade food or raffles are covid free.

In addition, our team was never really organised. We were having discussions or problems about what to do next. In some cases we really didn't know what to do due to the lack of team management. We weren't communicating enough and we were even acting as childs in certain situations. This didn't stop until the last months, in the last months we got our act together and focused on our project, we worked collaboratively, we helped each other, we heard any comments we had and more importantly we are all working as one.

Likewise, another roadblock we encountered was that at the start of the project we really thought we knew everything and we would not encounter any obstacles. But, as we moved on with our project we were realising that it wasn't as simple as we thought, actually that it was very difficult to carry out a project. An example of this is that we thought we will get money with no problem at all and in no time.

All these roadblocks changed each team member one way or another. Some skills we gained were collaborative skills ,leadership skills, organisation, time management, open-mindedness, resilience, creativity and most importantly conflict resolution. Along with that, each member learned something depending on their area. For example, Ivana learned how to talk with organisations, create and give presentations. Diego learned how to organise a team and lead a team even in the lowest of moments. Mikel and David learned how to investigate information thoroughly and learned about laws and legality things. Fernando learned how to create a fundraiser and fund money. Luca and Bernie learned how to manage money, talk with lawyers about money and how solar panels worked . And this is just some of the many knowledge and skills we learned throughout the whole project.



Despite all of these roadblocks, our project is still moving forward and we not only believe but we know that our project is going to be long term and not for profit organisation. We have worked hard and laboriously every free afternoon we had and every weekend we had, in total working over 195 hours (not counting

the dozens of hours other organisations have invested on us) and impacting over 60 people and in a future impacting over 8,000 people. As previously mentioned the law firm made us believe and now know that we could impact 30,000% more families than we thought on impacting at the start (the 6 families). But, no matter if we win or we lose this competition, this project will still be here and will continue to impact more people every year.



