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In Nigeria 92.46% of people aren't financially stable so if I would invent something I would invent a black solider fly hive(BSF). From my research I discovered that Nigeria trashes at least a total of 37.9million tonnes of food every 12 months. This all goes to the landfill where it rottens and releases methane a powerful green house gas and a major contributor to climate change. So my invention is all about generating value from food waste, creating additional income opportunities for farmers, creating job opportunities and protecting the environment and all this can be achievable by breeding black solider fly.

Invention of the bait: My bait will be a rotten egg and left over food placed in a carton so that when the fly eat the bait it would lay it's eggs in the holes of the carton and after some days the eggs would hatch to larvae.

Also farmers and every individual can enrich their self through black solider fly. Also the compressing of larvae can bring out crude oil because when they are taken with other dead animal's to bury you will notice that some fly's would be feeding on it and also laying eggs on it and when the eggs hatch and become larvae the soil would compress the larvae and crude oil would come out. According to wikipedia it is said that the study found that crude oil content of the black solider fly larvae is ranged from 20.67 to 25.94% by weight.

Invention of the hive: I would invent a hive that would help the larvae to grow well and also suitable for their survival. So in constructing the hive I would need to have a plywood which is used to make a small movable room, in the room I would have to divide it into two the first side for the larvae the other side for the adults fly for more production. On top of the hive I would have a solar panel which will be connected to the Arduino board which is in the hive. I would also need to have a temperature sensor, lights sensor, LED lights, mini fan and a little pump all this would be connected to the upper chamber where the larvae are been kept the pump would be kept under the hive where the adults fly are and a pipe would be connected outside and the hive so that the fly's would feed on it and lay more eggs. The solar panel would power the rest components of the hive.

Conclusion: My project stand as a beacon of hope for an efficient future. I believe that if it's scaled up, it's impact will extend far beyond it's origin within me and spread all over Nigeria.