

1) The problem

Plastic waste pollution

2) The specific group of people or businesses it affects

It has a ripple effect on everyone in Nigeria, including animals in their various habitats.

3) How these people/businesses are affected by the problem

Poor Plastic waste disposal leads to Bad climatic conditions as a result of green house effect, flooding as a result of blockage of water channels and gutters with littered plastics, and off course, environmental pollution and degradation.

4) How the problem is currently being solved in the state and why it is not working

Currently, I think the state government has just been focused on waste collection and disposal at a dumpsite. The wastes at the dump sites are usually burnt, leaving toxins from the plastics escaping into the environment. Also there are few recycling centres in Delta State and this doesn't meet up with the daily use and disposal of plastics.

5) What product you think we should collaborate to build to solve the problem

We need to get plastic companies interested in recycling, they should be encouraged to buy waste plastics and be able to convert them into usable items like buckets, baskets, waste bins and so on.

6) Proof that your recommended solution will work better than the other solutions currently being used

Burning plastic wastes instead of recycling has only lead to an increase in green house effect. Therefore recycling is the best way to tackle this issue effectively

7) How income will be generated from this new solution you're proffering

Income would be generated from selling clean plastic wastes to plastic companies who would in turn convert it into usable items that can be sold.

8) And how it can sustained and scaled beyond Delta state

Although States like Lagos and portharcourt are already going deep into recycling. I believe if a proper recycling centre is built in Delta State, plastic wastes from other states can be collected from other parts of Nigeria, recycled, and sold.