Rationale:

This project aims to convert saltwater into drinkable water. There are 2000 inhabited islands in the Philippines but not all those inhabited islands have their own drinkable water source. People from these area need to travel from their island to another just do buy a drinkable water. This project will help those islanders to provide them a drinkable water source from the saltwater. This is solar panel dependent so the users don’t need to worry for the electricity consumption bill.

Statement of the problem

97.5% of the water around the world is saltwater and only 2.5% is being fresh and drinkable. Those are more than 7 Billion people who need drinkable water. Most of them are the people from small islands who does not have a drinkable water source, and don’t have power source.

* Most people from small islands don’t have enough supply of drinkable water.
* People can’t drink saltwater they need to travel just to buy a drinkable water.

Feature

Materials

System Flow

Boiling Power

Battery

Solar Panel