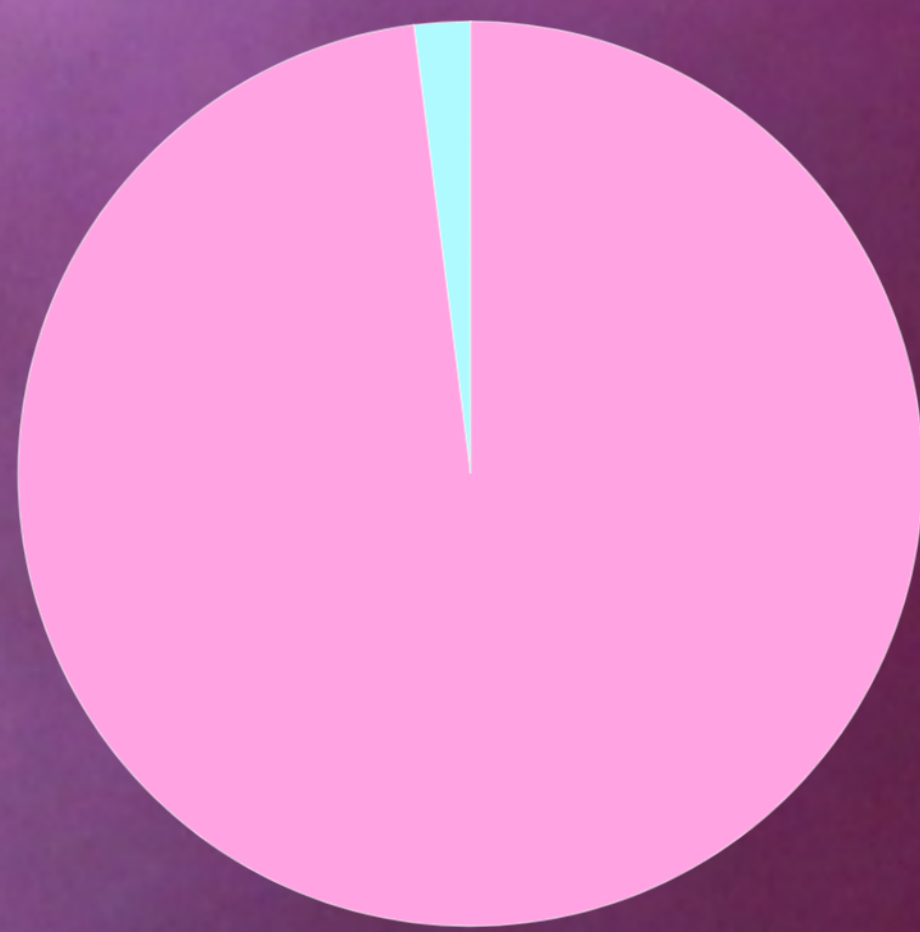


# Did you know your phone is the cause of war?

WASTE VS PURE COPPER



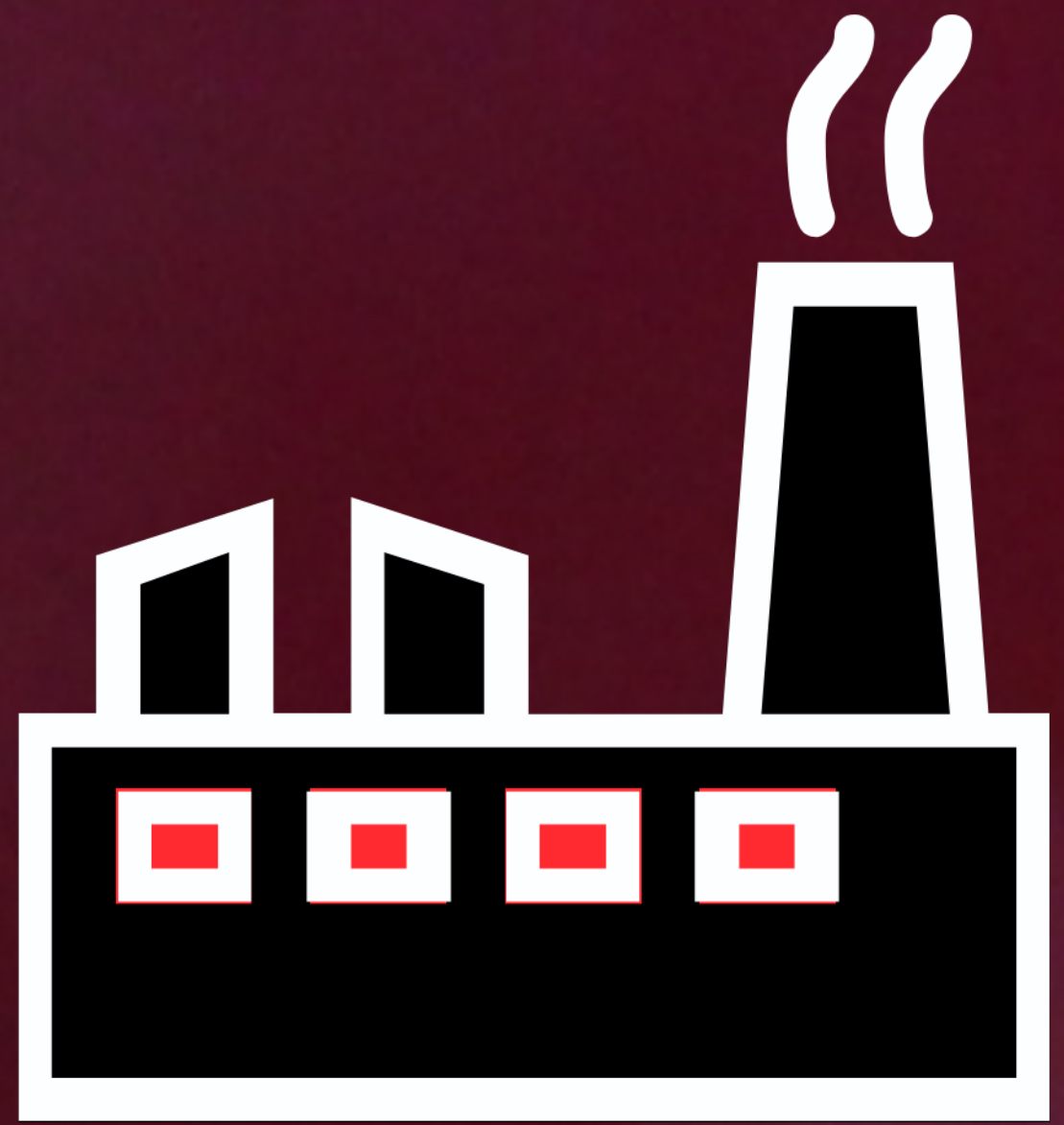
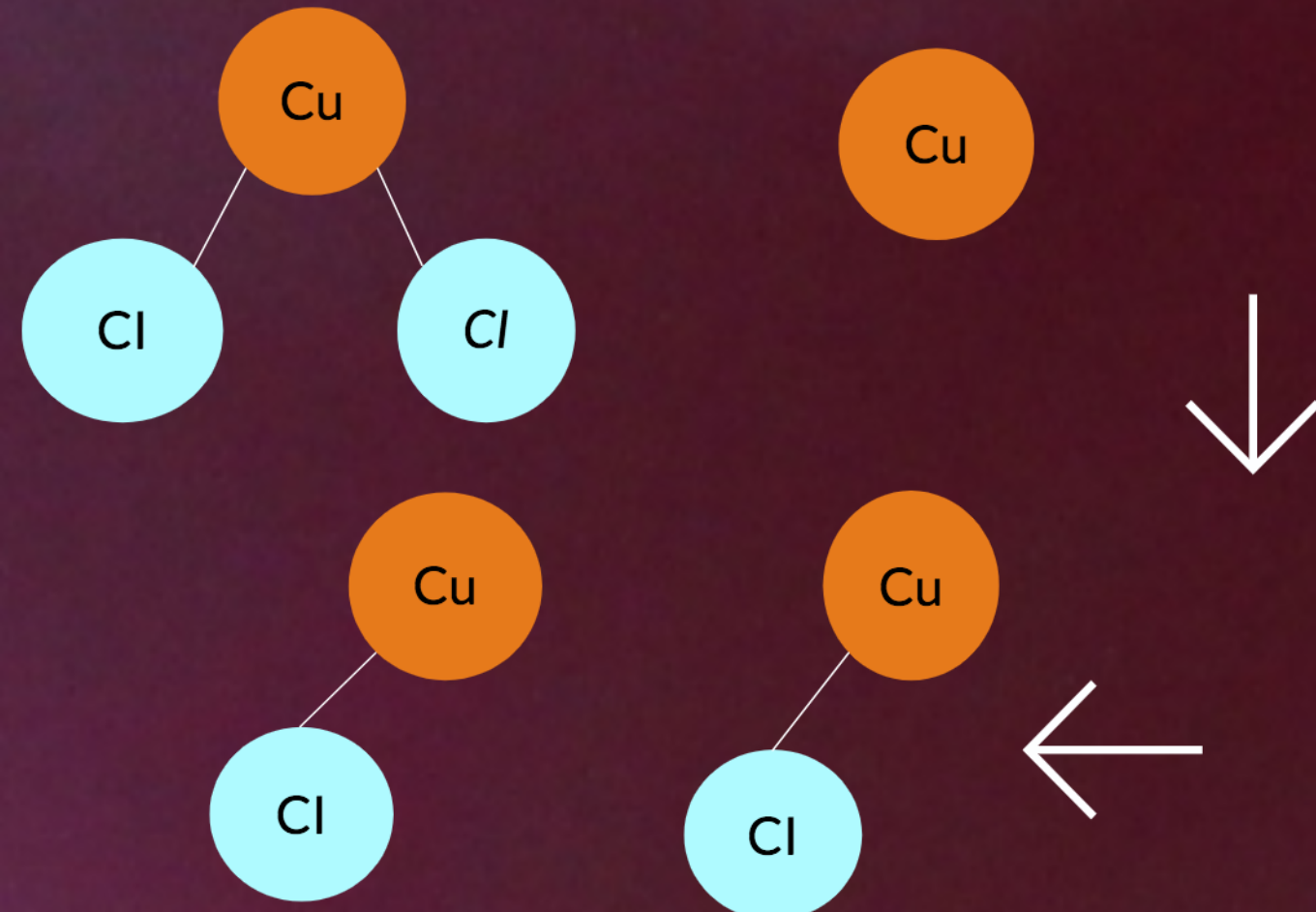
The start life of raw materials!

A raw material is a material that has yet to undergo a chemical change. Copper is an example of this because it is all natural. Copper is a natural material it makes a lot of waste, when copper is dug up and found there is only 2% of copper ore and 98% of waste that is bad for our ecosystem, and we need copper to conduct electricity in our electronics.

When you see synthetic on anything you automatically think it is bad but it is not. Synthetic materials are just a material that has a natural product but goes through some type of chemical change. This is the start of pollution to our ecosystem.

## What happens during manufacturing?

Manufacturing has some big impacts on our world. During manufacturing we use this chemical called etching solution. Etching solution is mainly used for making circuit boards. But this is a problem because it causes hazardous waste. When the copper on the circuit board and the etching solution mix it forms a new molecule because a chemical reaction happens.

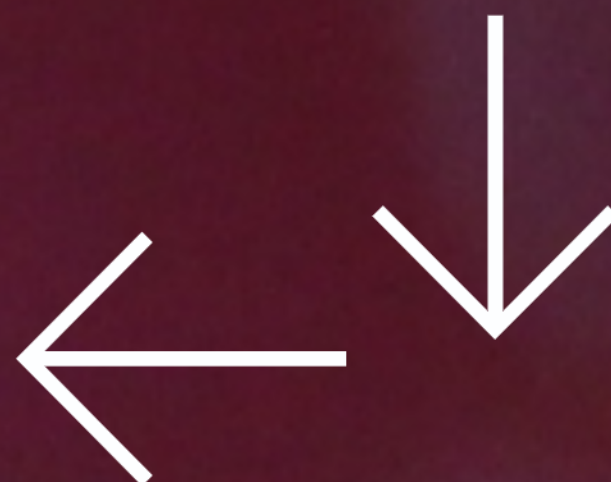


Copper is another material that can affect our ecosystem. When copper gets to factories they burn the copper. This causes acid rain which is a gas that mixes with rain and when it gets into bodies of water it lowers the Ph balance.

## Decomposition of electronics.



Plastic takes 450 years to decompose. That is because worms and bacteria can not decompose it. New tech is bringing new electronics waste sending broken machines out of the U.S causing more and more waste.



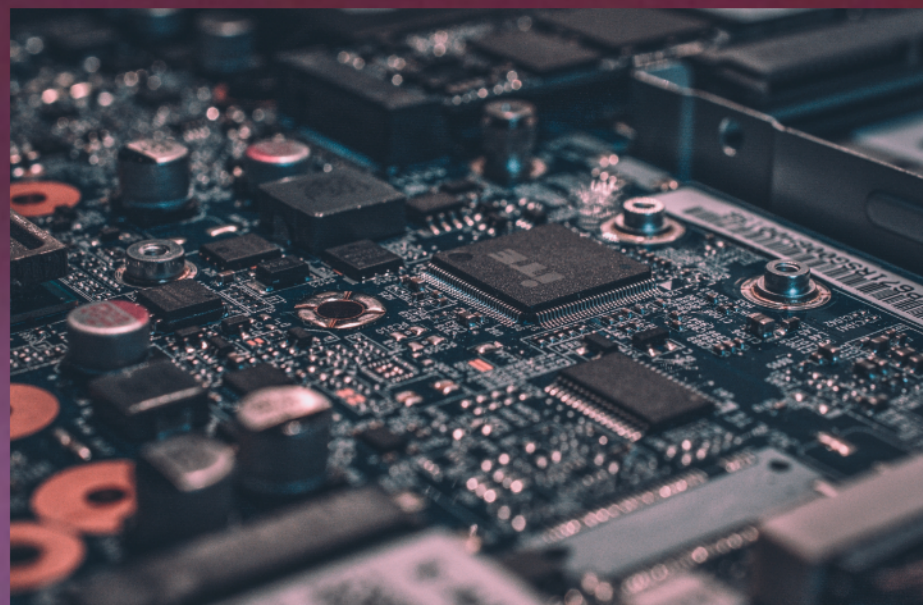
Plastic cannot decompose, that is why 100 million tons accumulate around the world and in the middle of oceans. That is why we find a lot of plastic in our marine life bellies. There have been birds also found with plastic in their stomach as well.

## The BIG conflict



In places like Congo there are “conflict minerals’ like aluminum that we need to create the electronic process. This can attracted war lords and create a conflict between the places and cause a civil war. This war is the start of people being left with no homes or being broken because of getting raped all because of electronics. Did you know that the phone that you have could cause that? I bet you didn't even realize.

## Outside the U.S



Every year 427 million pounds of broken computers end up outside the United States. There are many places around the world that when taking apart computers do not wear the gear needed to protect them from all of the chemicals like lead, copper and mercury. They do not try to repair the broken electronic they break it more to get the expensive materials to then resell them.