

INTRODUCTION

VARSHITH V

Pursuing

- ◆B.Tech 2nd year in Sree Vidyanikethan Engineering College - CSBS
- ◆B.Sc 1st year in IIT(Madras)—DATA SCIENCE

WHAT IS THE MAJOR PROBLEM??



- Waste management is an extensive problem in INDIA.
- So, Waste management is of paramount importance.

BUT HOW IS THIS THE PROBLEM?

We buy a product, we use it and throw the rest of it out in the garbage..

Let's suppose, we buy a soap. We use the soap, but not the wrapper. We throw away the wrapper thinking that it's just nothing, like it has no value. We are wrong about it. There is some price for the wrapper too.



SOAP

WATER
BOTTLES



This is what's happening,
AFTER THE USAGE



People don't care about the things that
has no value to it.

SOLUTION?

WHY THROW AWAY THE WASTE WHEN YOU CAN EARN SOME MONEY FROM IT?



PROBLEMS THAT WILL BE SOLVED

This is a WIN-WIN concept.

Both the nature and people win. Our money doesn't go to waste.

- POLLUTION WILL BE LOWERED.
- ANIMALS THAT EAT PLASTIC WILL BE SAVED.
- GLOBAL WARMING DECREASES.
- EVERYTHING CHANGES.

GARBAGE COIN

GBG

Garbage coin (digital coin) solution aims to integrate the consumer with an application into the waste chain system. With GBG, consumers enjoy benefits while disposing of wastes. The idea is to reward users with cryptocurrency tokens or coins after successfully disposing of their waste. In exchange, crucial data will be obtained from consumers, such as customer patterns, accumulation and handling of waste, and availability of disposed products to feed the recycling industry. The information obtained from the consumers can be used by stakeholders such as the recycling industry, consumer goods manufacturers, and government bodies in charge of waste collection policies.

HOW DO WE CREATE OUR OWN CRYPTO?

CARTONEROS or GARBAGEMEN collect and take these wastes to a place where all the plastic is dumped to get paid for the amount of waste they collect.

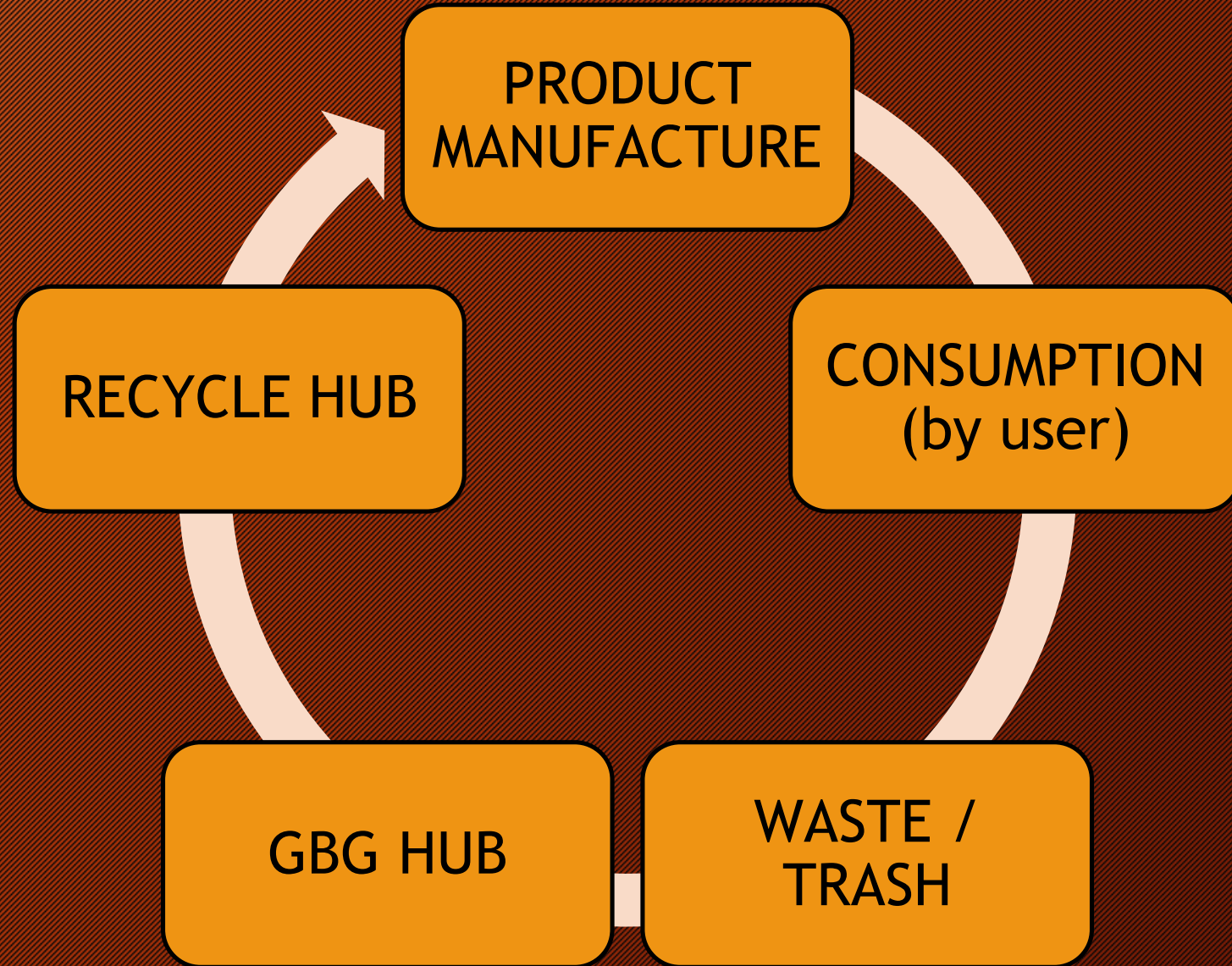
- Here comes up the real thing. These wastes are sold to the recycle hubs through which this particular seller makes tons of money.
- This is really weird. We buy products and someone else earns money.

TIE-UP WITH THE GOVT

This is a thing that can be done only with the help of Government.

Municipal Corporation collects the garbage. Similarly, teaming up with the Government, each house is given a bag to dump their wastes.

As per the weight of the waste they dump and the amount of waste that can be recycled, the person or the family is paid in CRYPTO.





Garbage Collection

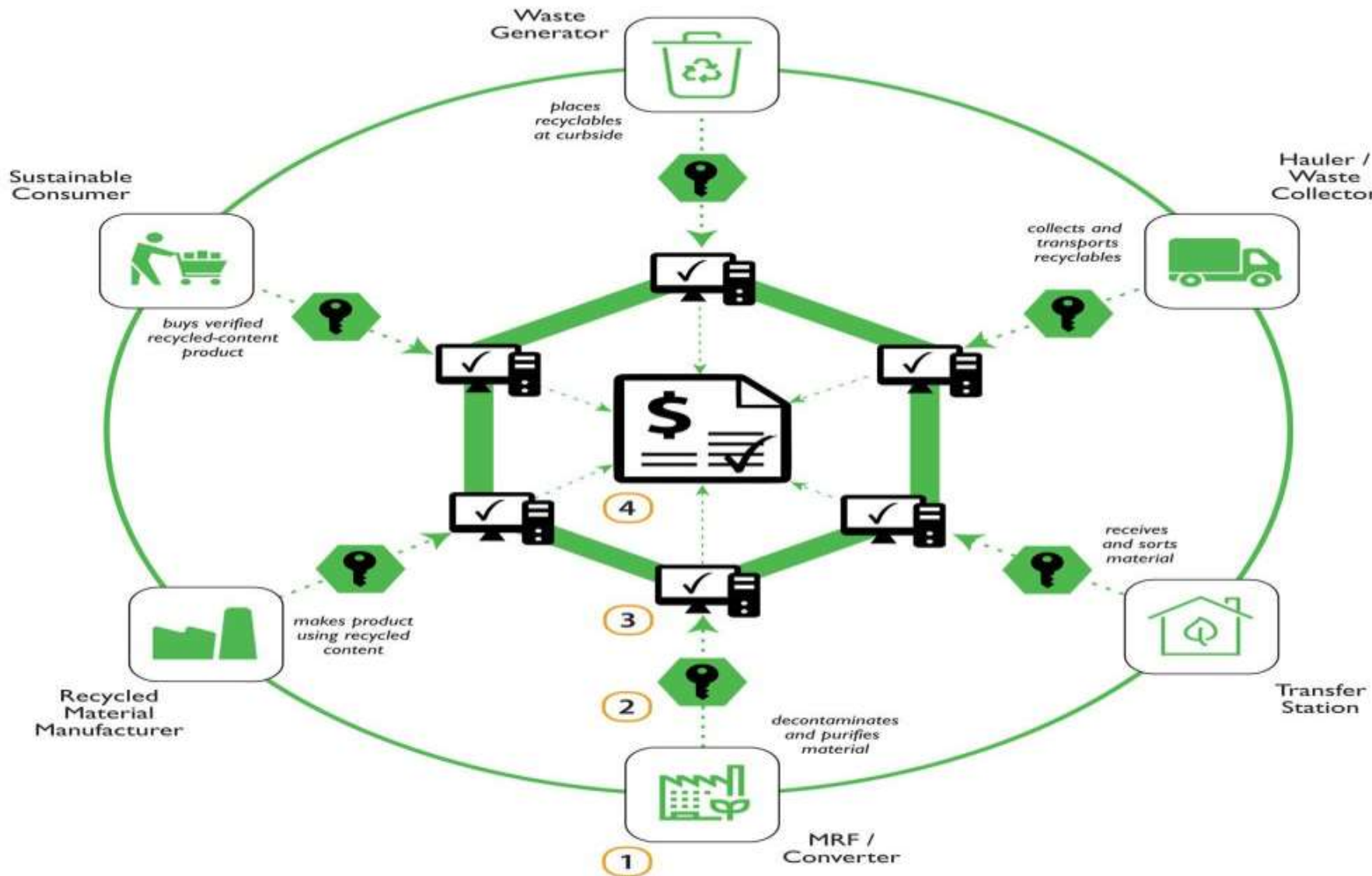


Rewarding Crypto



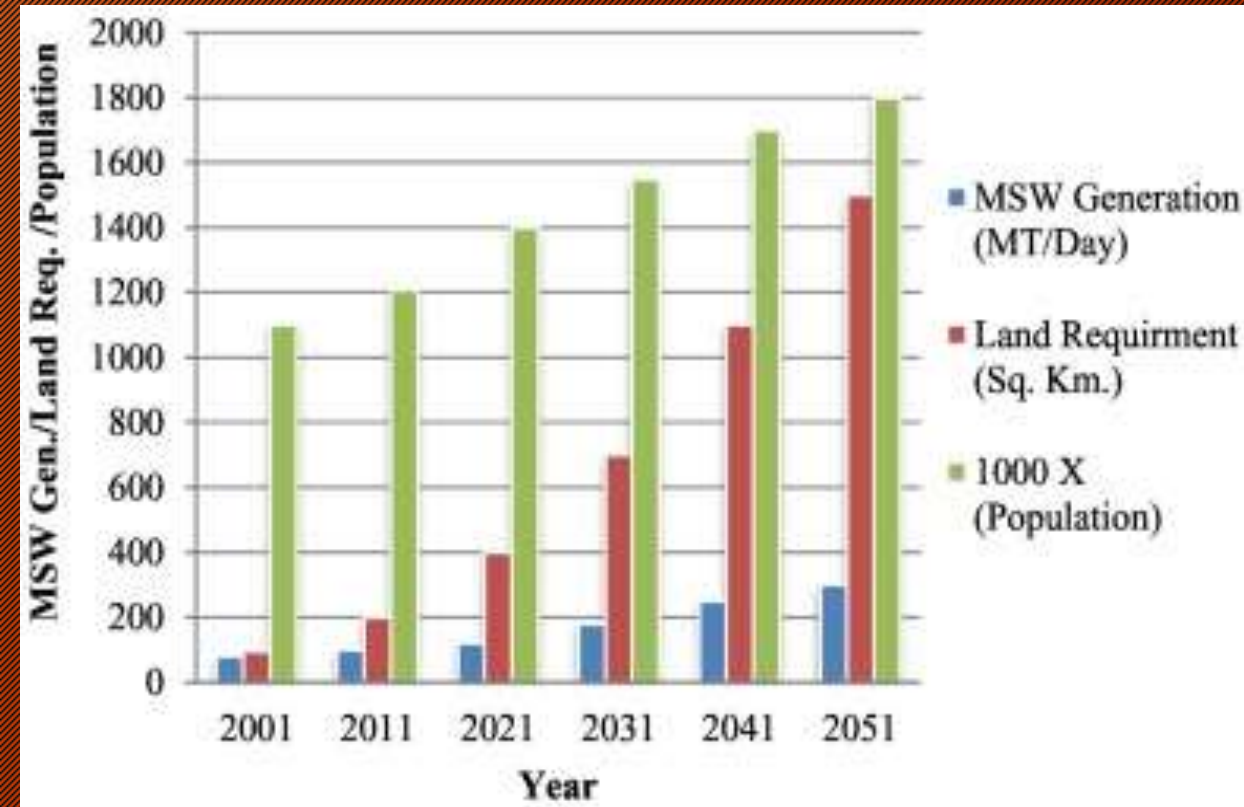
Recycling Waste

How It Works: Recording Recycling Activity on the Blockchain



- 1 Recycling activity occurs and data is collected.
- 2 The activity data is protected by hashing encryption and represented as a "block".
- 3 The blockchain nodes validate the block and the activity recorded.
- 4 The block is added to the blockchain ledger, verifying the recycling activity.

Graph for Solid Waste Generation per Area per Population



Revolutionizing waste management with blockchain technology

The process of coin creation may take as little as 5 minutes. You can just copy the code of Bitcoin, add a new variable, or even change the value of something, and that's it - you have your blockchain and coin.



What's the Catch?

Bitcoin, the most heard cryptocurrency, is not eco-friendly. To generate bitcoin, lots and lots of power is consumed resulting in ENVIRONMENTAL POLLUTION.

So, it takes time to create an eco-friendly crypto like Ripple, Cardano etc..

The Garbage coin will be created basing on different Blockchains that are eco-friendly and green.



Real time waste tracking

Blockchain allows real-time waste tracking.



Revolutionizing waste management with blockchain technology

Nobody will hate the idea of getting a reward for
disposing of wastes.



Waste disposal

Waste disposal is the event that occurs when the waste
passes from the consumer to the collector.

This GBG project focuses on many different layers of impact, from social, ethnical, environmental and educational impact on one hand to business and revenues opportunity on the other. With one big impact, all the objectives are synchronized in the same direction of sustainability.



VISION

TO MAKE THE WORLD GARBAGE FREE AND SAVE EVERY LIVING ORGANISM FROM THE CONSEQUENCES CAUSED BY WORST WASTE MANAGEMENT.



MISSION

Mission is to make people responsible in disposing the waste.

**GBG aims to achieve a win-win
situation for every party involved in
the project.**

**THE POWER TO CLEAN THE WORLD IS IN
OUR HANDS.**

THANK YOU