

Control around waste

Payet Emilie and Payet Emmanuel

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Introduction

You want to do a walk at Piton Neige.. No worries you can do it without take any plate to eat... In fact, at every step of you walk you will find glass, jar, and even paper if you want to draw...

In 2017, more that 540kg was collected in and around the walk of Piton des Neiges.. That's mean almost 3 big-bags ...

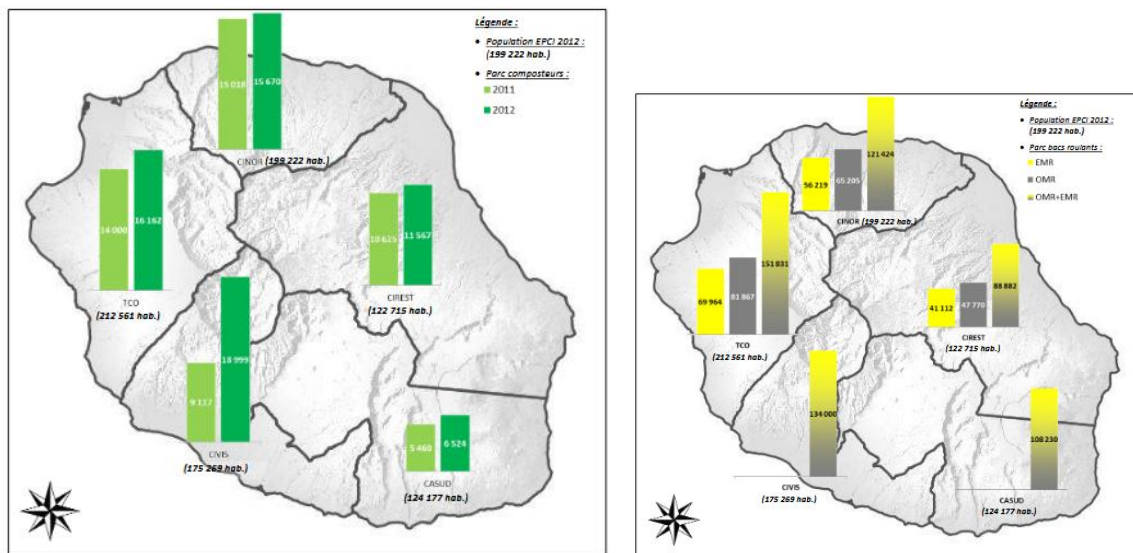
This is to say how important is to control our waste and the people mind about how sort the waste in Reunion island. So in this class we will see : how is the waste control in Reunion Island and what make it so "difficult" ?

Objectives:

- Make the students understand the problem of waste in Reunion Island
- Tell them about the control of waste in the Island
- Make students feel concerned about the problem and make them deliberate about the best solutions according to them
- Raise students' awareness about what they throw in the trash , and teach them simple thing that helps on the waste problem

I- The origin of the waste in Reunion and where is the major part of the waste sort:

The origin of Reunion's waste from, for the mayor part, the green trash -> the weight of the waste per person per year ?



Pourcentage of person who is doing compost in the island // Collected waste by the green and yellow trash

As I said before, people of Reunion island kinda don't care about where they let their waste as in the walk of Piton des neiges. So a lot of our waste can be find in the nature.

However, there is different trash for the different waste, by the way we can sort the waste by throw them in the correct trash or put them in a center of waste . So we have:

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- The YELLOW trash -> all the plastic, can, cardboard, or paper
 - The GREEN trash -> leftovers (rests of meals), not recyclable waste, hygienic products as tissues, all the paper that have grease on it
 - COMPOST -> peeling, garden waste
 - Center of waste -> bulky waste as a washing machine that don't work.
- If want to know more about how to sort waste, I invite you to see a really good video, which the link is below :

<https://www.youtube.com/watch?v=0VKOVbD9LNg>

And here, in our island , we have a landfill site, where we have 70% of our waste that is sort.

At Reunion Island we can find two sites, one at St-Louis and another one at St-Suzanne.

Though the waste are not recycle in Reunion Island , actually the main part of our yellow bin is exported in Asia or Africa .

II- Why is it so difficult to control our waste and what should we do

Reunion Island is a is quite little but its number of inhabitants is still high. About 840 000 persons live in Reunion so proportionally the amount of waste is also high .The average of waste is about 607 kg per inhabitant a year. Then the question of how do we deal with that quantity of trash is very important. However Reunion has difficulties to control the waste , actually there are 2 main issues about the waste management.

- First, Reunion got only two important structures for all the island. Consequently the landfill site will be saturated soon .
- Second, the selective sorting is not for every waste. Thus the waste is not accentuate

The solutions to these problems are in fact numerous, Though there are still issues about those solutions, indeed several factors are against them and make them unthinkable.

First of all in Reunion there is a really big problem with money, Therefore the solutions like collecting the biomass to create energy or else collecting the organic/natural trash and create an factory which transform this in energy, the biogas are just impossible due to the cost.

Furthermore , certain solution as the composting isn't good for environment while it contains a lot of zinc and copper due to the volcanic soil we have in Reunion.

And Finally the people in Reunion don't realize the seriousness of the problem and especially they feel like they are not concerned by the problem of waste in general. So even prevention days are kinda useless...

As an example of how careless people are, they put everything as a broken washing-machine or fridge in the ravine. Then, when appears cyclone all of the trash goes into the sea, due to the excessive amount of water in the ravine.

III-How a person as you and me can reduce his weight of waste ?

Concretely all of us are involved in this problem, indeed we all take part to it by the amount of garbage daily produce by us .Thus it is our responsibility and our duty to help reducing that quantity of waste. The aim

of this part is to make student more involved in their daily life and show them simple things they can to support the cause of waste.