RIVIERE DU REMPART TEAM

“COCO WORLD” - Coconut Overcomes Colossal Obstacles Worldwide Owing to Reliability, Livelong-lasting & Disease resistance.
OVERVIEW OF OUR PRESENTATION

- About Coco World
- Introduction
- Problem tree
- Aims and objectives
- Coconut straws
- Procedures
- Testing
- Coconut fiber bags
- Procedures
- Problems/difficulties/challenges
- Analysis
- Sponsors
- Stakeholders
INTRODUCTION

- Mauritius is a tropical country with a rich biodiversity.
- There are plenty of coconut trees all over the island.
Loss of biodiversity (fauna & flora) due to deforestation

Ozone depletion

Decrease in global ocean oxygen

Threat to humankind (New diseases, phenomenal disaster)

Climate change and Global warming leads to rise in sea level

Natural coconut trees are being replaced by artificial coconut trees

Ecological Damage

Unawareness of the benefits of waste of coconut trees

Throwing away too much coconut waste in garbage resulting increase in landfill site

People use paper products alternative to plastic where tons of trees needs to be cut down

Burning of coconut waste instead of using them

PROBLEM TREE
AIMS & OBJECTIVES

- Promote a sustainable future. (PROMOTING ECO – FRIENDLY)
- Reduce the usage of biodegradable products which are not efficient.
AIMS & OBJECTIVES

- Avoid the cut down of trees to make paper straws but instead use the waste of coconut tree to make so.
- Amazing alternative to plastic and paper bag is coconut fiber bag which can be can again and again.
- Afforestation of coconut trees which can rejuvenate the ecosystem.
- Prevent air pollution through burning of waste.
AIMS & OBJECTIVES

- Promote local products
- Create employment to local people (reduce poverty).
- Promote the importance of coconut trees
AIMS & OBJECTIVES

ZERO WASTE

- The coconut leaf stalk will be given freely to a local group of people, thus they can earn a living.
- Even the residues will be used to make composting which will be sold and invest back in the business. (Instead of dumping)
Convert coconut leaflets into coconut straws

Convert coconut fibre into coconut fibre bags

Zero waste!!
Zero waste!!

Convert coconut leaf stalks into coconut broom (“balier coco”)

Convert coconut residue into compost
OUR PRODUCTS

Coconut straws

Coconut fibre bag
COCONUT STRAWS

Description
❖ Multi line product
❖ Hydrophobic
❖ Antifungal
❖ 100% organic
❖ Completely biodegradable and environmentally friendly
❖ Great replacement for paper and plastic straws
PROCEDURE - making of coconut straws

Collection of leaves

Cutting

Sorting

Sterilisation of leaves
PROCEDURE - making of coconut straws

Gluing → Twist → Let dry → Final product
COCONUT FIBRE BAGS

Description

❖ Moth proof
❖ Resistant to rot
❖ Flame-retardant
❖ Unaffected by moisture and dampness
❖ Tough and durable
❖ Resilient springs back to shape even after constant use
❖ Totally static free
❖ Easy to clean.
PROCESS - making of coconut bag
PROBLEMS / DIFFICULTIES / CHALLENGES

- Glue of pipe
- In Mauritius there is little to no companies manufacturing coconut coil.
PROBLEMS / DIFFICULTIES / CHALLENGES

- Time management
- Delay prototype implementation
PROBLEMS / DIFFICULTIES / CHALLENGES

- Different ideas
- Covid 19
SURVEY ANALYSIS

100% of the respondents are concerned about sustainability.

80% Of the respondents have ever heard or seen products made from coconut tree.

69% have coconut trees at their place or surroundings.
This part was mainly to ask the respondents if coconut based products are more available, would they use them as an alternative.

What do most people do with the waste of coconut trees, i.e., leaves, trunks, etc.?
IMPLEMENTATION
FEEDBACK

- ‘PIPE LA PLIS BON KI PAPER PIPE’
- ‘PIPE LA BON POU SERVI’

‘GRACE AVK ZOT MO P KPAV GGN UN LARGENT DNS MO LAKZ’

‘PIPE LA KPAV SERVI DNS HOTEL TOURIST POU BIEN CONTENT KUMAN NU ENN PAYS TROPICALE’

‘MO PA TI KNER KPAV FAIR PIPE AVK FEUILLE COCO’

‘MO P TRUV ZOT PROJECT BIEN BON GET KUMAN ZOT P FAIR PIPE ET FEUILLE COCO’

‘LI UN BON INITIATIVE KI ZOT P FAIR PIPE AVK FEUILLE COCO’
SPONSORS & STAKEHOLDERS

❖ Jassen Y. Chinnabbu - Logo making
❖ Arvind Gooranah Associates - Poster
❖ Deshraj Appadoo - Video making

❖ Appadoo Dhirendra - Materials & Idea
❖ Gurunadh Vaddemanu - Information on coconut coil (From India)
❖ Chundunsing Baichoo - Glue
❖ Teejun Family - Provision of Coconuts
❖ Mr Yogeshwar Tulsi - Information & Material
SUSTAINABILITY for Our Coconut straw and bag

- Stock of coconut leaves have already collected
- Contacted coconut sellers and neighbouring local people
- Implementation of our project at different places
SUSTAINABILITY for Our Coconut straw and bag

SME

Joining LEAD Rempart & working together with AGE(A GREENER ENVIRONMENT) GROUP
SUSTAINABILITY for Our Coconut straw and bag

- CREATE EMPLOYMENT
- BUSINESS PLAN
THANK YOU FOR YOUR KIND ATTENTION!!

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https://www.instagram.com/cocoworld_21/

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https://youtu.be/bzdocaB5f3E

QUESTION TIME!!